

THRIFTY OIL CO.

RECEIVED

By dehloptoxic at 8:53 am, Jan 11, 2007

O.72780

January 10, 2007

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

Local #RO0000348
RWQCB #01-1476
Confirmation No. 4406258463


RE: **Former Thrifty Oil Co. Station #054**
TOSCO Station #2602486
2504 Castro Valley Boulevard
Castro Valley, CA
4th Quarter 2006, Status Report

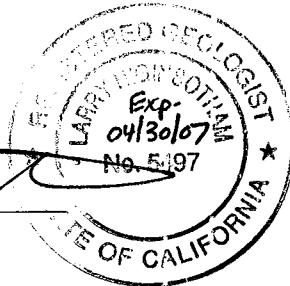
Dear Mr. Plunkett:

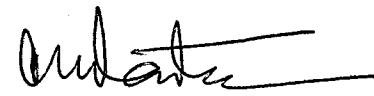
Presented herein is the 4th Quarter 2006, Status Report prepared for Former Thrifty Oil Co. (Thrifty) Station #054 located at 2504 Castro Valley Boulevard, Castro Valley, California (**Figure 1**). This report presents the results of the groundwater monitoring activities conducted during the fourth quarter of 2006. Thrifty has again provided evidence of a recent release of hydrocarbons at the site.

Should you have any questions regarding this report, please contact Larry Higinbotham or myself at 562 921-3581.

Respectfully submitted,


Larry Higinbotham, 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
- MaryBeth Heydt, Thrifty Oil Co.
- File



Summary of Monitoring and Sampling Activities

Former Thrifty Oil Co. Station #054

Fourth Quarter 2006

Reporting Period: 10/1/2006 to 12/31/2006

Site Information:

| | |
|-----------------------|---|
| Site address: | TOC SS #054 (TOSCO #2602486) 2504 Castro Valley Boulevard Castro Valley, CA |
| Global ID No.: | T0600101363 |
| EDF Confirmation No.: | 4406258463 |
| Lead Agency No.: | Local # RO0000348 |
| Lead Agency: | Alameda County Health Care Services |
| Agency Contact: | Mr. Steven Plunkett / 510 383-1767 |
| Project Manager: | Larry Higinbotham / 562-921-3581 ext. 325 |

Field Activity:

| | |
|--|-----------------------------|
| Groundwater wells onsite: | 9 |
| Groundwater wells offsite: | 4 |
| Date(s) monitored: | 12/05/2006 |
| Date(s) sampled: | 12/05/2006 |
| Groundwater wells gauged: | 13 |
| Groundwater wells sampled: | 9 |
| Purging method: | Bailer / Pump |
| Treatment / disposal method during sampling event: | Drums – Safety-Kleen pickup |
| Groundwater wells with free product: | 0 |
| Free product thickness (feet): | NA |
| Free product bailouts other than sampling event: | NA |
| Treatment / disposal method/free product bailouts: | NA |

Site Hydrogeology:

| | |
|--|---|
| Depth to groundwater (feet bgs): | 3.60 to 9.81 |
| Groundwater elevation (feet above mean sea level): | 154.22 to 162.84 |
| Groundwater gradient and flow direction: | East-Northeast at approximately 0.032 ft./ft. |
| Consistent with previous quarter: | Consistent with previous quarters |

Groundwater Conditions:

| | |
|-------------------------------------|-------------------|
| TPHg concentration (ug/L): | ND<5.6 to 26,500 |
| Benzene concentration (ug/L): | ND<0.32 to ND<3.2 |
| Toluene concentration (ug/L): | ND<0.10 to ND<1.0 |
| Ethyl benzene concentration (ug/L): | ND<0.24 to ND<2.4 |
| Total Xylenes concentration (ug/L): | ND<0.30 to 71 |
| MTBE concentration (ug/L) | ND<0.63 to 29,900 |

Remediation Activity:

| | |
|--------------------------------------|--------------|
| System type: | SVE & GWPT |
| System start-up: | April 1990 |
| System Shut Down | January 2000 |
| Cumulative Operation (hrs.): | 19,388 |
| Total GW discharge (gal.): | 27,992 |
| Total hydrocarbons extracted (lbs.): | 5,631 |

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well quarterly. Historic groundwater gauging data obtained from April 11, 1988 through December 5, 2006, is presented in **Table 1**. A groundwater elevation contour map based on the December 5, 2006, data is presented in **Figure 1**. Groundwater elevation data indicates that the general direction of groundwater flow beneath the site is toward the east-northeast with a hydraulic gradient of approximately 0.032 feet/foot. Data from wells PW-2 and RE-6 were not used because they were considered anomalous.

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-8, RS-9, and RS-11 on December 5, 2006. In a letter from the Alameda County Health Care Services (ACHCS) dated November 6, 2001, the ACHCS released Thrifty from collecting groundwater samples from wells PW-2, RE-1, RE-5, RS-8, and RS-10 until further notice. Due to a suspected recent release from the site, Thrifty decided to sample well RS-8 to further assess the extent of the current dissolved hydrocarbon plume.

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 8260B. Copies of the EMC 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 concentrations for TPHg and MTBE were found in well PW-1 (26,500 ug/L and 29,900 ug/L, respectively). Benzene was not detected in any of the site wells.

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. However, the recent elevated dissolved hydrocarbon concentrations at the former Thrifty site appear to be from an onsite unauthorized release, as discussed in detail later in this report. TOSCO (ConocoPhillips) Marketing Company is the current operator of the service station and acquired the lease in 1994 from BP Oil, who previously leased the property beginning on July 10, 1991.

Site Remediation Activities

In August 1989, Remediation Service, Int'l. (RSI) installed a Spray Aeration Vapor Extraction (SAVE) system at the site for soil and groundwater remediation. However, due to unanticipated delays in permits, the system was not started until April 1990. Due to noise complaints, the system was operated only during daylight hours recovering hydrocarbon vapors during the first three months of operation. The equipment was moved to another location onsite in late June 1990, and from that date on the equipment was in operation for 24 hours a day.

On January 31, 2000, Thrifty submitted a *Request for Shutdown and Removal of the Vapor Extraction System* to the ACHCS. The ACHCS authorized the vapor extraction system shut down and removal on February 16, 2000. By the end of the operation, the system had destroyed a total of 5,631 pounds of hydrocarbons (**Table 2**) and treated/discharged 27,992 gallons of groundwater.

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

In a letter dated December 30, 2004, submitted jointly to TOSCO (ConocoPhillips) and the ACHCS, Thrifty provided evidence of a recent release of hydrocarbons as detected in groundwater samples collected during the 2nd, 3rd, and 4th Quarters 2004. Data collected during the 1st Quarter 2005 indicated that while TPHg, benzene, and MTBE concentrations decreased from their December 2004 levels, they were still elevated above the March, June, and September 2004 levels in onsite wells RE-2, RE-4, RE-6, and RE-7 located near the underground storage tanks and pump islands. The decrease in concentrations observed during the most recent sampling events may simply be the result that the dissolved plume is moving away from the source and/or that some of the plume is being sorbed onto the soil particles.

In a letter dated February 1, 2005, TOSCO (Conoco Phillips) responded to Thrifty's assertion that a recent release had occurred, suggested that the site is likely being impacted by an offsite source. TOSCO (ConocoPhillips) indicated in their letter that no pattern of fluctuation in dissolved hydrocarbon concentrations has been established to date that has not been seen before at the site. Thrifty's review of the data, however, indicates that over the past 14 years (since 1991), there have been no fluctuations in dissolved hydrocarbon concentrations even close to those seen between the 3rd and 4th Quarters of 2004. TOSCO (ConocoPhillips) stated in their February 2005 letter that dissolved elevated concentrations of hydrocarbons were present in wells RE-6 and RE-7, but were not present in well PW-1 located between RE-6 and RE-7, therefore a recent release was unlikely. **Data collected during the 2nd Quarter 2005 indicated that well PW-1 contained the highest TPHg and MTBE concentrations.** During the third and fourth quarters of 2006, well PW-1 again contained the highest TPHg and MTBE concentrations, with 26,500 ug/L TPHg and 29,900 ug/L MTBE recorded during the fourth quarter 2006 sampling event. Thus, it appears that the recent release did impact well PW-1. Data during the third quarter 2005 indicates that dissolved hydrocarbon concentrations were not detected in well PW-1. However, the dissolved concentrations in adjacent, upgradient well RE-6 continued to decline whereas in downgradient well RE-7 the concentrations remained high indicating that the contamination is simply migrating in the area of these three wells. During the 1st quarter 2006, elevated TPHg and MTBE concentrations were again detected in well PW-1 at concentrations of 35,500 and 28,200 ug/L, respectively. TPHg remained high in RE-4 during the 2nd quarter 2006.

During the 2nd quarter 2006, Thrifty sampled offsite downgradient well RS-8 for the first time since December 2001. MTBE was present at 445 ug/L in well RS-8, which was the highest reported MTBE concentration detected in the 2nd quarter 2006. The downgradient location of this well provides further evidence that an onsite release occurred in approximately December 2004 and has migrated offsite.

TOSCO (ConocoPhillips) has asserted that the dissolved hydrocarbon concentrations noted in wells RE-3 and RE-4 were the result of migration of the dissolved plume from well RE-1. However, the maximum TPHg concentrations detected in well RE-1 was 150,000 ug/L on January 8, 1991, 28,000 ug/L on March 8, 1995, then consistently decreased to <50 ug/L beginning on December 1, 1999, as a result of active remediation conducted by Thrifty at the site from April 1990 to January 2000, whereas the TPHg

concentration in well RE-4 was 297,000 ug/L in December 2004. The December 2004 levels were almost double than the highest historical level recorded 13 years ago, when the active remediation was just initiated.

Thrifty has plotted TPHg, benzene, and MTBE concentrations over time versus groundwater elevations for wells RE-2 (**Figure 5**), RE-3 (**Figure 6**), RE-4 (**Figure 7**), RE-6 (**Figure 8**), RE-7 (**Figure 9**), and PW-1 (**Figure 10**). The increases in TPHg and MTBE in wells RE-2, RE-4, RE-6, and RE-7 for the 3rd and 4th quarters of 2004 and 1st quarter of 2005 are quite dramatic when compared to the TPHg and MTBE concentrations over time. There is also a significant increase in TPHg and MTBE concentrations in well PW-1 in the 1st quarter 2005, 1st quarter 2006, 3rd quarter 2006, and fourth quarter 2006 (**Figure 10**). There is a corresponding rise in groundwater elevation in each of these wells; however, there have been comparable rises in groundwater elevations in the past with no corresponding increase in dissolved hydrocarbon concentrations. Thus, it appears that a rise in groundwater elevation is not the reason for the significant increases in dissolved hydrocarbon concentrations at the site.

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 sampling events beginning in September 2004.

| Sampling Date | Well ID | B | T | B+T | E | X | E+X | B+T/E+X |
|---------------|---------|-------|--------|--------|-------|--------|--------|-------------|
| 9/2/04 | RE-3 | 982 | 65 | 1,047 | 77 | 86 | 163 | 6.42 |
| 9/2/04 | RE-4 | 587 | 50 | 637 | 34 | 65 | 99 | 6.43 |
| 12/8/04 | RE-4 | 4,680 | 44,900 | 49,580 | 4,850 | 29,000 | 33,850 | 1.46 |
| 12/8/04 | RE-7 | 4,380 | 34,800 | 39,180 | 5,370 | 25,000 | 30,370 | 1.29 |
| 3/16/05 | RE-7 | 2,840 | 19,400 | 22,240 | 2,760 | 14,400 | 17,160 | 1.30 |
| 6/1/05 | RE-4 | 1,530 | 6,890 | 8,420 | 39 | 6,880 | 6,919 | 1.22 |
| 6/1/05 | RE-7 | 1,860 | 8,690 | 10,550 | 1,180 | 4,980 | 6,160 | 1.71 |

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. Beginning in September 2004, the BTEX ratios ranged between 0.54 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 well RE-2 is not located downgradient of the dispensers, it is located very close to the dispensers which appear to be a source of the recent release along with the USTs and/or piping.

Thrifty has contended in the past that an offsite upgradient source contributed to the contamination previously detected in offsite, upgradient well RS-9. The concentrations in well RS-9, however, have never been detected at nearly as high of concentrations recently found in wells RE-2, RE-4, RE-6, and RE-7.

TOSCO (ConocoPhillips) also provided evidence of tank tightness testing and secondary containment testing. Unfortunately, the most recent tank tightness test report was dated May 5, 2004 and the most recent secondary containment test report was dated September 7, 2004, both of which could have predated the recent release that apparently occurred during the 4th Quarter 2004. The UST Monitor Certification Summary Report dated May 5, 2004 also reported one gallon of water in the 89 turbine sump and about 8 ounces of fuel in the 91 turbine sump.

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.

Summary of Meeting with ConocoPhillips and Thrifty (May 10, 2006)

A meeting with ConocoPhillips representatives and Thrifty took place on May 10, 2006. During the meeting, ConocoPhillips's consultant, Environmental Resolutions, Inc. (ERI) presented a response to Thrifty's claim of a new release as discussed below:

- ERI speculated that Thrifty's remedial efforts were not successful beneath the dispenser islands, which apparently led to a remobilization of contaminants and increase in dissolved hydrocarbons in year 2004. Thrifty disagrees with this speculation. As shown in the time versus concentration graphs for several site wells (**Figures 5 through 10**), the vapor extraction/groundwater treatment system which operated from years 1990 to 2000 was very successful in reducing the initially elevated hydrocarbon concentrations to very low, asymptotic levels. The sudden degradation of the dissolved hydrocarbon plume in 2004 came after a several-year period of non-detectable to low concentrations and plume stability following the agency-approved shut-down of the treatment system in year 2000. During this extended time period (up to and including year 2004), no significant change in groundwater levels occurred which would trigger a remobilization of the supposed existing contamination. For instance, in well RE-4, pre-release (3/8/04) MTBE concentrations of 1.1 ug/l spiked to 43,400 ug/l on 12/8/04, while the depth to water remained unchanged at 4.93 feet bgs. The year 2004 spikes in MTBE were accompanied by elevated TPHg and benzene levels, with several wells recording TPHg concentrations higher than Thrifty's pre-remedial levels. Thrifty was in an extended period of post-remedial monitoring, and was petitioning the lead agency for site closure at the time of the 2004 concentration spikes, which have now extended the timeframe for site closure.
- ERI suggests that an upgradient source is probably impacting the site, based on migration rates from upgradient well RS-9. A larger issue than the migration rate (which is theoretical and not based on any actual geotechnical data from the subsurface soils) is the relatively low concentrations in RS-9, which even in the period cited by ERI contained hydrocarbon concentrations two to three orders of magnitude lower than the concentrations seen on the subject site. In no conceivable way could this be a significant source for the elevated on-site concentrations observed in year 2004, which persist in some wells in the most recent sampling events.

- ERI stated that MTBE has been noted in groundwater since initial analysis began during 1996, up to 5,900 ppb in well PW-2, indicating MTBE was likely present prior to 1994 when ConocoPhillips began operations of the above-referenced facility. It should be noted that this 1996 water sample was analyzed by EPA Method 8020, and not confirmed by Method 8260. Even assuming that the MTBE was present in well PW-2 in 1996, the time for the MTBE to travel from the nearby source (dispenser or piping) to well PW-2 must be very short, given the very shallow groundwater (5.21 feet below grade during the 9/16/96 sampling event). Given the shallow groundwater conditions, the suggestion that the MTBE would take over two years to migrate to PW-2 appears very unlikely. In any event, the long-term presence of MTBE at the site through the latest (3/15/06) sampling event is in no way related to Thrifty's operations at the site. Thrifty never used MTBE in their gasoline at any site before 1992, and did not operate this site after May 1991. Thrifty therefore cannot be responsible for any MTBE detected at the site.

In a subsequent meeting with ConocoPhillips on September 11, 2006, Thrifty reiterated its position that the site had experienced new unauthorized release(s) subsequent to Thrifty's operation of the station, that must have resulted from ConocoPhillips and/or BP's operations at the site, due to the presence of MTBE in groundwater (which Thrifty did not use during their operations at the site), and also due to multiple concentration spikes of several gasoline constituents (including MTBE) during ConocoPhillips operations at the site.

The recent increase (June 2005, March 2006, September 2006, and December 2006) in TPHg and MTBE concentrations in well PW-1 provide further evidence of a recent release at the site and strongly support Thrifty's position that if further assessment and remediation becomes necessary, it should be the responsibility of ConocoPhillips. *Thrifty respectfully repeats its request that the ACHCS acknowledge the evidence of a new release (s) that occurred after 1994 and to designate ConocoPhillips as the Primary Responsible Party for any corrective actions required in the future.*

Temporary Closure of Underground Storage Tanks

During the reporting period, ConocoPhillips ceased operations at the site. Subsequently, Thrifty performed activities for the temporary closure of three 10,000-gallon gasoline tanks at the site. The scope of work for the temporary closure was approved by the Alameda County Department of Environmental Health (ACDEH) in their letter dated September 28, 2006, and the temporary closure was completed by Cal-Phase Construction (Cal-Phase) and inspected by ACDEH on October 11, 2006. A report on the temporary closure activities was submitted by Cal-Phase in late October 2006.

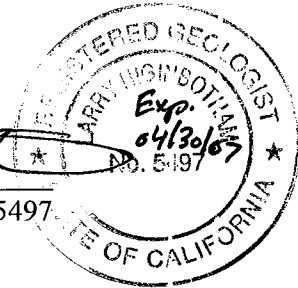

Closing Comments

In a letter received by Thrifty dated December 7, 2005, the ACHCS requested site information including depth to water, groundwater flow direction, dissolved constituents concentrations, well screen levels, plume stability, and if active remediation was occurring onsite. Thrifty forwarded the requested information on January 10, 2006. The ACHCS also requested that a site conceptual model (SCM) be prepared for the site. Thrifty uploaded the SCM to the ACHCS FTP website on May 8, 2006.


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 EMC and laboratory analyses by Associated Laboratories.

Sincerely,



Larry Higinbotham, R.G. 5497
Project Manager



Chris Panaitescu
General Manager
Environmental Affairs

TABLES

**SUMMARY TABLE
CURRENT PERIOD GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, CA, 94546
T0600101363**

| WELL | STATUS | Monit/ Sampl. Date | ANALYTICAL PARAMETERS | | | | | | MONITORING PARAMETERS | | | | ELEVATION | |
|-------|--------|--------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------|-----------------------|---------------|---------------|--------------|------------------|--------------|
| | | | TPHg (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | DTP (feet) | DTW (feet) | DTB (feet) | PT (feet) | CASING (feet) | GW (feet) |
| PW-1 | ACT | 12/05/06 | 26,500 | <3.2 | <1.0 | <2.4 | 71 | 29,900 | NP | 4.74 | 13.93 | 0.00 | 165.95 | 161.21 |
| PW-2 | INACT | 12/05/06 | - | - | - | - | - | - | NP | 3.60 | 14.31 | 0.00 | 165.61 | 162.01 |
| RE-1 | INACT | 12/05/06 | - | - | - | - | - | - | NP | 5.26 | 19.80 | 0.00 | 166.46 | 161.20 |
| RE-2 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | 2.5 J | 17 | NP | 5.20 | 17.06 | 0.00 | 166.61 | 161.41 |
| RE-3 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | 1.3 | NP | 6.80 | 17.51 | 0.00 | 166.69 | 159.89 |
| RE-4 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | 22 | NP | 4.95 | 14.50 | 0.00 | 166.23 | 161.28 |
| RE-5 | INACT | 12/05/06 | - | - | - | - | - | - | NP | 5.14 | 17.76 | 0.00 | 166.56 | 161.42 |
| RE-6 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | <0.63 | NP | 5.58 | 13.62 | 0.00 | 166.15 | 160.57 |
| RE-7 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | 18 | NP | 5.12 | 13.15 | 0.00 | 165.33 | 160.21 |
| RS-8 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | <0.63 | NP | 9.81 | 25.15 | 0.00 | 164.03 | 154.22 |
| RS-9 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | <0.63 | NP | 4.21 | 14.94 | 0.00 | 167.05 | 162.84 |
| RS-10 | INACT | 12/05/06 | - | - | - | - | - | - | NP | 5.95 | 24.35 | 0.00 | 162.43 | 156.48 |
| RS-11 | ACT | 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | <0.63 | NP | 6.30 | 24.70 | 0.00 | 162.71 | 156.41 |

NOTE:

| | | | | | |
|-------|---|------|-----------------------------------|-------|---------------------------------------|
| ACT | Groundwater well currently used for monitoring | TPHg | = Total Petroleum Hydrocarbons as | " - " | = Not analyzed / Not available |
| INACT | Groundwater well is NOT included in monitoring program | TPHd | = Total Petroleum Hydrocarbons as | " < " | = Less than detection level indicated |
| DRY | Groundwater well is dry and/or cannot be sampled | B | = Benzene | " J " | = Flag indicating value |
| NOACC | Presently no access to groundwater well | T | = Toluene | | between MDL & PQL |
| DEST | Well has been properly destroyed, no longer a conduit to subsurface | E | = Ethylbenzene | NP | = No free product |
| AB | Groundwater well is abandoned, but not yet destroyed | X | = Total Xylenes | | |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 5260 (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 | - | - | NP | 5.10 | 0.00 | 166.46 | 161.36 |
| 10/30/90 | 35,000 | 240 | 970 | 240 | 3,580 | - | - | NP | 6.17 | 0.00 | 166.46 | 160.29 |
| 01/18/91 | 37,000 | 43 | 140 | 42 | 1,600 | - | - | NP | 6.28 | 0.00 | 166.46 | 160.18 |
| 02/12/91 | 45,000 | 99 | 130 | 25 | 700 | - | - | NP | 5.88 | 0.00 | 166.46 | 160.58 |
| 03/20/91 | 1,900 | 0.43 | ND | ND | 2.8 | - | - | NP | 4.75 | 0.00 | 166.46 | 161.71 |
| 05/22/91 | 41,000 | 600 | 730 | 250 | 3,800 | - | - | NP | 5.10 | 0.00 | 166.46 | 161.36 |
| 06/19/91 | - | - | - | - | - | - | - | NP | 5.61 | 0.00 | 166.46 | 160.85 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 5.53 | 0.00 | 166.46 | 160.93 |
| 08/07/91 | - | - | - | - | - | - | - | FILM | 5.67 | 0.00 | 166.46 | 160.79 |
| 09/24/91 | - | - | - | - | - | - | - | FILM | 5.57 | 0.00 | 166.46 | 160.89 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 6.53 | 0.00 | 166.46 | 159.93 |
| 11/06/91 | - | - | - | - | - | - | - | FILM | 5.85 | 0.00 | 166.46 | 160.61 |
| 12/04/91 | - | - | - | - | - | - | - | FILM | 5.91 | 0.00 | 166.46 | 160.55 |
| 01/29/92 | - | - | - | - | - | - | - | FILM | 5.43 | 0.00 | 166.46 | 161.03 |
| 02/26/92 | - | - | - | - | - | - | - | FILM | 5.54 | 0.00 | 166.46 | 160.92 |
| 03/19/92 | ND | ND | ND | ND | ND | - | - | NP | 5.47 | 0.00 | 166.46 | 160.99 |
| 04/22/92 | - | - | - | - | - | - | - | FILM | 5.62 | 0.00 | 166.46 | 160.84 |
| 05/21/92 | 1,300 | 19 | 2.9 | 0.7 | 58 | - | - | NP | 6.21 | 0.00 | 166.46 | 160.25 |
| 06/25/92 | - | - | - | - | - | - | - | NP | 6.94 | 0.00 | 166.46 | 159.52 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 5.90 | 0.00 | 166.46 | 160.56 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 7.12 | 0.00 | 166.46 | 159.34 |
| 09/30/92 | 3,400 | 57 | ND | 26 | 240 | - | - | NP | 6.42 | 0.00 | 166.46 | 160.04 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 5.56 | 0.00 | 166.46 | 160.90 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 5.65 | 0.00 | 166.46 | 160.81 |
| 06/09/93 | 400 | <0.5 | 1.1 | <1.0 | <1.0 | - | - | NP | 5.30 | 0.00 | 166.46 | 161.16 |
| 09/14/93 | 180 | 3.7 | 3.2 | 1.5 | 14 | - | - | NP | 5.43 | 0.00 | 166.46 | 161.03 |
| 12/14/93 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 4.65 | 0.00 | 166.46 | 161.81 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 5.43 | 0.00 | 166.46 | 161.03 |
| 06/06/94 | 330 | 1.3 | <0.3 | 0.88 | 9.8 | - | - | NP | 4.70 | 0.00 | 166.46 | 161.76 |
| 09/06/94 | 1,100 | 67 | <0.3 | <0.3 | 24 | - | - | NP | 6.48 | 0.00 | 166.46 | 159.98 |
| 12/07/94 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | - | NP | 5.22 | 0.00 | 166.46 | 161.24 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 6.94 | 0.00 | 166.46 | 159.52 |
| 06/15/95 | 260 | 0.8 | 0.6 | <0.5 | 3.2 | - | - | NP | 5.72 | 0.00 | 166.46 | 160.74 |
| 09/05/95 | 330 | 2.1 | <0.5 | 2.1 | 9.6 | - | - | NP | 5.96 | 0.00 | 166.46 | 160.50 |
| 11/21/95 | 660 | 13 | 1.3 | <0.3 | 4.0 | - | - | NP | 6.04 | 0.00 | 166.46 | 160.42 |
| 03/11/96 | 660 | 0.94 | 0.77 | <0.3 | 8.1 | - | - | NP | 3.60 | 0.00 | 166.46 | 162.86 |
| 06/19/96 | 120 | 0.53 | <0.3 | <0.3 | 2.3 | - | - | NP | 4.80 | 0.00 | 166.46 | 161.66 |
| 09/16/96 ^a | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 ^a | - | NP | 5.10 | 0.00 | 166.46 | 161.36 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 4.92 | 0.00 | 166.46 | 161.54 |
| 03/12/97 ^a | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 ^a | - | NP | 4.50 | 0.00 | 166.46 | 161.96 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8024 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | NP | 4.55 | 0.00 | 166.46 | 161.91 |
| 12/09/97 | 640 | 150 | 0.64 | <0.3 | 5.2 | 1,300 | - | NP | 5.60 | 0.00 | 166.46 | 160.86 |
| 03/03/98 | <50 | <0.3 | 0.57 | <0.3 | <0.5 | <20 | - | NP | 4.13 | 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 | - | NP | 6.35 | 0.00 | 166.46 | 160.11 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 6.40 | 0.00 | 166.46 | 160.06 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 6.35 | 0.00 | 166.46 | 160.11 |
| 06/22/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 53 | - | NP | 4.95 | 0.00 | 166.46 | 161.51 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.80 | 0.00 | 166.46 | 161.66 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.64 | 0.00 | 166.46 | 162.82 |
| 03/23/00 | <50 | 0.5 | 0.5 | 1.1 | <0.5 | <5 | - | NP | 4.03 | 0.00 | 166.46 | 162.43 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | - | <5 | NP | 4.40 | 0.00 | 166.46 | 162.06 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.73 | 0.00 | 166.46 | 161.73 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.01 | 0.00 | 166.46 | 162.45 |
| 03/22/01 | 600 | <0.18 | 1.3 | <0.18 | <0.26 | 1,010 | 1,970 | NP | 6.32 | 0.00 | 166.46 | 160.14 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.32 | 0.00 | 166.46 | 160.14 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.32 | 0.00 | 166.46 | 160.14 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.02 | 0.00 | 166.46 | 160.44 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.30 | 0.00 | 166.46 | 160.16 |
| 06/12/02 | 1,320 | 1.0 | 1.0 | <0.18 | 2.0 | 2,060 | - | NP | 6.30 | 0.00 | 166.46 | 160.16 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.06 | 0.00 | 166.46 | 159.40 |
| 12/18/02 | 113 | <0.18 | 1.1 | <0.18 | <0.26 | 89 | - | NP | 6.30 | 0.00 | 166.46 | 160.16 |
| 03/19/03 | <15 | <0.04 | 2.2 | <0.02 | 2.7 | <0.03 | - | NP | 6.35 | 0.00 | 166.46 | 160.11 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 6.35 | 0.00 | 166.46 | 160.11 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.90 | 0.00 | 166.46 | 160.56 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 3.38 | 0.00 | 165.95 | 162.57 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.51 | 0.00 | 165.95 | 160.44 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | - | NP | 5.35 | 0.00 | 165.95 | 160.60 |
| 09/02/04 | 133 | <0.14 | 2.4 | <0.18 | 1.9 | <0.22 | - | NP | 6.33 | 0.00 | 165.95 | 159.62 |
| 12/08/04 | <15 | <0.14 | 1.3 | <0.18 | <0.45 | <0.22 | - | NP | 4.59 | 0.00 | 165.95 | 161.36 |
| 03/16/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.90 | 0.00 | 165.95 | 160.05 |
| 06/01/05 | 49,300 | 1,540 | 3,990.0 | 154 | 6,190 | 69,000 | 42,000 | NP | 4.81 | 0.00 | 165.95 | 161.14 |
| 09/14/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 4.74 | 0.00 | 165.95 | 161.21 |
| 12/06/05 | 272 | 6.6 | 1.5 J | 5.1 | 9.6 | - | 217 | NP | 4.35 | 0.00 | 165.95 | 161.60 |
| 03/15/06 | 35,500 | <3.2 | <1.0 | <2.4 | 862 | - | 28,500 | NP | 4.79 | 0.00 | 165.95 | 161.16 |
| 06/07/06 | 83 | <0.32 | <0.10 | <0.24 | <0.30 | - | 104 | NP | 4.74 | 0.00 | 165.95 | 161.21 |
| 09/26/06 | 9,810 | <3.2 | <1.0 | <2.4 | 73 | - | 24,700 | NP | 4.37 | 0.00 | 165.95 | 161.58 |
| 12/05/06 | 26,500 | <3.2 | <1.0 | <2.4 | 71 | - | 29,900 | NP | 4.74 | 0.00 | 165.95 | 161.21 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (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 | - | - | NP | 5.81 | 0.00 | 166.18 | 160.37 |
| 10/30/90 | 48,000 | 310 | 51 | 10 | 480 | - | - | NP | 6.95 | 0.00 | 166.18 | 159.23 |
| 01/18/91 | 86,000 | 230 | 1,400 | 350 | 8,300 | - | - | NP | 6.92 | 0.00 | 166.18 | 159.26 |
| 02/12/91 | 160,000 | 680 | 1,300 | 250 | 7,000 | - | - | NP | 6.78 | 0.00 | 166.18 | 159.40 |
| 03/20/91 | 17,000 | 34 | 50 | ND | 1,100 | - | - | NP | 5.54 | 0.00 | 166.18 | 160.64 |
| 05/22/91 | 14,000 | 57 | 2,100 | 500 | 8,200 | - | - | NP | 6.07 | 0.00 | 166.18 | 160.11 |
| 06/19/91 | - | - | - | - | - | - | - | FILM | 6.37 | 0.00 | 166.18 | 159.81 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 6.38 | 0.00 | 166.18 | 159.80 |
| 08/07/91 | - | - | - | - | - | - | - | FILM | 6.63 | 0.00 | 166.18 | 159.55 |
| 09/24/91 | - | - | - | - | - | - | - | FILM | 6.42 | 0.00 | 166.18 | 159.76 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 7.25 | 0.00 | 166.18 | 158.93 |
| 11/06/91 | - | - | - | - | - | - | - | FILM | 6.44 | 0.00 | 166.18 | 159.74 |
| 12/04/91 | - | - | - | - | - | - | - | FILM | 6.65 | 0.00 | 166.18 | 159.53 |
| 01/29/92 | - | - | - | - | - | - | - | FILM | 6.17 | 0.00 | 166.18 | 160.01 |
| 02/26/92 | - | - | - | - | - | - | - | FILM | 5.90 | 0.00 | 166.18 | 160.28 |
| 03/19/92 | - | - | - | - | - | - | - | FILM | 5.80 | 0.00 | 166.18 | 160.38 |
| 04/22/92 | - | - | - | - | - | - | - | FILM | 5.88 | 0.00 | 166.18 | 160.30 |
| 05/21/92 | - | - | - | - | - | - | - | FILM | 6.03 | 0.00 | 166.18 | 160.15 |
| 06/25/92 | - | - | - | - | - | - | - | FILM | 6.57 | 0.00 | 166.18 | 159.61 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 6.20 | 0.00 | 166.18 | 159.98 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 6.64 | 0.00 | 166.18 | 159.54 |
| 09/30/92 | - | - | - | - | - | - | - | FILM | 6.88 | 0.00 | 166.18 | 159.30 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 6.08 | 0.00 | 166.18 | 160.10 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 5.95 | 0.00 | 166.18 | 160.23 |
| 06/09/93 | 3,400 | 24 | 22 | <0.5 | 240 | - | - | NP | 5.38 | 0.00 | 166.18 | 160.80 |
| 09/14/93 | 4,900 | 190 | 15 | 6.8 | 480 | - | - | NP | 6.26 | 0.00 | 166.18 | 159.92 |
| 12/14/93 | 1,700 | 4.2 | <0.3 | <0.3 | <0.5 | - | - | NP | 5.22 | 0.00 | 166.18 | 160.96 |
| 03/02/94 | - | - | - | - | - | - | - | FILM | 5.75 | 0.00 | 166.18 | 160.43 |
| 06/06/94 | 980 | 25 | 1.2 | <0.3 | 42 | - | - | NP | 5.25 | 0.00 | 166.18 | 160.93 |
| 09/06/94 | 3,200 | 95 | 3.0 | <1.7 | 76 | - | - | NP | 6.80 | 0.00 | 166.18 | 159.38 |
| 12/07/94 | 510 | 1.8 | <0.3 | <0.5 | 1.7 | - | - | NP | 5.57 | 0.00 | 166.18 | 160.61 |
| 03/08/95 | 1,900 | <0.5 | <0.5 | 1.4 | 35 | - | - | NP | 4.10 | 0.00 | 166.18 | 162.08 |
| 06/15/95 | 1,700 | 5.6 | <0.5 | <0.5 | 1.6 | - | - | NP | 5.44 | 0.00 | 166.18 | 160.74 |
| 09/05/95 | 2,500 | 33 | 1.0 | 0.86 | 18 | - | - | NP | 6.13 | 0.00 | 166.18 | 160.05 |
| 11/21/95 | 2,800 | 130 | 59 | 18 | 190 | - | - | NP | 6.23 | 0.00 | 166.18 | 159.95 |
| 03/11/96 | 13,000 | 330 | 460 | <15 | 3,800 | - | - | NP | 4.48 | 0.00 | 166.18 | 161.70 |
| 06/19/96 | 1,400 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 5.38 | 0.00 | 166.18 | 160.80 |
| 09/16/96 | 3,500 | <0.3 | <0.3 | <0.3 | <0.5 | 5,900 | - | NP | 5.21 | 0.00 | 166.18 | 160.97 |
| 12/10/96 | 2,100 | <0.3 | <0.3 | <0.3 | <0.5 | 4,700 | - | NP | 4.87 | 0.00 | 166.18 | 161.31 |
| 03/12/97 | * 600 | 1.6 | <0.3 | * <0.3 | 5.8 | 1,100 | ** | NP | 4.43 | 0.00 | 166.18 | 161.75 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | - | - | - | - | - |
| 12/09/97 | 120 | <0.3 | 0.73 | <0.3 | <0.5 | 420 | - | NP | 4.07 | 0.00 | 166.18 | 162.11 |
| 03/03/98 | <50 | 0.43 | 0.48 | <0.3 | <0.5 | 47 | - | NP | 5.20 | 0.00 | 166.18 | 160.98 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.30 | 0.00 | 166.18 | 162.88 |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - | - |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.15 | 0.00 | 166.18 | 161.03 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.75 | 0.00 | 166.18 | 161.43 |
| 06/22/99 | - | - | - | - | - | - | - | NP | 4.40 | 0.00 | 166.18 | 161.78 |
| 09/08/99 | 100 | <0.3 | <0.3 | <0.3 | <0.5 | 230 | - | NP | 4.50 | 0.00 | 166.18 | 161.68 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.99 | 0.00 | 166.18 | 162.19 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 3.62 | 0.00 | 166.18 | 162.56 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | - | <5 | NP | 2.93 | 0.00 | 166.18 | 163.25 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 3.60 | 0.00 | 166.18 | 162.58 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 3.61 | 0.00 | 166.18 | 162.57 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 3.60 | 0.00 | 166.18 | 162.58 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.14 | 0.00 | 166.18 | 161.04 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.13 | 0.00 | 166.18 | 161.05 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.90 | 0.00 | 166.18 | 160.28 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 6.20 | 0.00 | 166.18 | 159.98 |
| 06/12/02 | - | - | - | - | - | - | - | - | 5.14 | 0.00 | 166.18 | 161.04 |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/18/04 | - | - | - | - | - | - | - | NP | 3.20 | 0.00 | 165.61 | 162.41 |
| 06/09/04 | - | - | - | - | - | - | - | NP | 5.12 | 0.00 | 165.61 | 160.49 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 4.72 | 0.00 | 165.61 | 160.89 |
| 12/08/04 | - | - | - | - | - | - | - | NP | 6.95 | 0.00 | 165.61 | 158.66 |
| 03/16/05 | - | - | - | - | - | - | - | NP | 3.63 | 0.00 | 165.61 | 161.98 |
| 06/01/05 | - | - | - | - | - | - | - | NP | 5.12 | 0.00 | 165.61 | 160.49 |
| 09/14/05 | - | - | - | - | - | - | - | NP | 4.00 | 0.00 | 165.61 | 161.61 |
| 12/06/05 | - | - | - | - | - | - | - | NP | 3.97 | 0.00 | 165.61 | 161.64 |
| 03/15/06 | - | - | - | - | - | - | - | NP | 3.97 | 0.00 | 165.61 | 161.64 |
| 06/07/06 | - | - | - | - | - | - | - | NP | 4.00 | 0.00 | 165.61 | 161.61 |
| 09/26/06 | - | - | - | - | - | - | - | NP | 4.73 | 0.00 | 165.61 | 160.88 |
| 12/05/06 | - | - | - | - | - | - | - | NP | 4.66 | 0.00 | 165.61 | 160.95 |
| | | | | | | | | NP | 3.60 | 0.00 | 165.61 | 162.01 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (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 | - | - | NP | 4.99 | 0.00 | 166.82 | 161.83 |
| 10/30/90 | 72,000 | 7,700 | 5,300 | 1,800 | 8,900 | - | - | NP | 5.95 | 0.00 | 166.82 | 160.87 |
| 01/18/91 | 150,000 | 11,000 | 14,000 | 1,800 | 4,300 | - | - | NP | 5.17 | 0.00 | 166.82 | 161.65 |
| 02/12/91 | 140,000 | 11,000 | 12,000 | 1,600 | 13,000 | - | - | NP | 4.16 | 0.00 | 166.82 | 162.66 |
| 03/20/91 | 53,000 | 3,100 | 4,200 | 400 | 5,500 | - | - | NP | 4.75 | 0.00 | 166.82 | 162.07 |
| 05/22/91 | 85,000 | 8,700 | 10,000 | 1,800 | 12,000 | - | - | NP | 4.42 | 0.00 | 166.82 | 162.40 |
| 06/19/91 | 110,000 | 8,500 | 9,600 | 2,600 | 16,000 | - | - | NP | 4.93 | 0.00 | 166.82 | 161.89 |
| 07/17/91 | 5,500 | 950 | ND | 26 | ND | - | - | NP | 5.19 | 0.00 | 166.82 | 161.63 |
| 08/07/91 | - | 6,700 | 5,000 | ND | 7,100 | - | - | NP | 5.12 | 0.00 | 166.82 | 161.70 |
| 09/24/91 | 60,000 | 6,800 | 4,300 | 640 | 6,900 | - | - | NP | 5.87 | 0.00 | 166.82 | 160.95 |
| 10/23/91 | 79,000 | 7,900 | 8,300 | 450 | 7,100 | - | - | NP | 5.81 | 0.00 | 166.82 | 161.01 |
| 11/06/91 | 130,000 | 14,000 | 15,000 | 1,100 | 8,800 | - | - | NP | 5.56 | 0.00 | 166.82 | 161.26 |
| 12/04/91 | 50,000 | 8,000 | 4,700 | 520 | 4,100 | - | - | NP | 5.35 | 0.00 | 166.82 | 161.47 |
| 01/29/92 | 21,000 | 10,300 | 11,000 | 780 | 6,000 | - | - | NP | 4.50 | 0.00 | 166.82 | 162.32 |
| 02/26/92 | 38,000 | 8,400 | 10,500 | 720 | 7,100 | - | - | NP | 5.27 | 0.00 | 166.82 | 161.55 |
| 03/19/92 | 48,000 | 6,200 | 9,700 | 780 | 7,200 | - | - | NP | 4.47 | 0.00 | 166.82 | 162.35 |
| 04/22/92 | - | - | - | - | - | - | - | NP | 4.62 | 0.00 | 166.82 | 162.20 |
| 05/21/92 | 20,000 | 7,600 | 10,100 | 830 | 6,900 | - | - | NP | 4.98 | 0.00 | 166.82 | 161.84 |
| 06/25/92 | - | - | - | - | - | - | - | FILM | 5.14 | 0.00 | 166.82 | 161.68 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 5.30 | 0.00 | 166.82 | 161.52 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 5.28 | 0.00 | 166.82 | 161.54 |
| 09/30/92 | - | - | - | - | - | - | - | FILM | 5.66 | 0.00 | 166.82 | 161.16 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 4.81 | 0.00 | 166.82 | 162.01 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 4.13 | 0.00 | 166.82 | 162.69 |
| 06/09/93 | - | - | - | - | - | - | - | FILM | 4.48 | 0.00 | 166.82 | 162.34 |
| 09/14/93 | 19,000 | 3,600 | 1,100 | 740 | 4,300 | - | - | NP | 5.35 | 0.00 | 166.82 | 161.47 |
| 12/14/93 | 38,000 | 4,300 | 1,300 | <6.6 | 11 | - | - | NP | 4.38 | 0.00 | 166.82 | 162.44 |
| 03/02/94 | - | - | - | - | - | - | - | FILM | 4.22 | 0.00 | 166.82 | 162.60 |
| 06/06/94 | - | - | - | - | - | - | - | FILM | 2.16 | 0.00 | 166.82 | 164.66 |
| 09/06/94 | 74,000 | 3,300 | 3,900 | 1,200 | 6,100 | - | - | NP | 5.00 | 0.00 | 166.82 | 161.82 |
| 12/07/94 | 30,000 | 3,200 | 2,900 | 1,200 | 4,600 | - | - | NP | 4.10 | 0.00 | 166.82 | 162.72 |
| 03/08/95 | 28,000 | 4,200 | 2,300 | 810 | 7,800 | - | - | NP | 3.92 | 0.00 | 166.82 | 162.90 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | - | FILM | 4.78 | 0.00 | 166.82 | 162.04 |
| 11/21/95 | - | - | - | - | - | - | - | NP | 4.82 | 0.00 | 166.82 | 162.00 |
| 03/11/96 | 270 | 2.4 | 6.0 | 4.5 | 19 | - | - | NP | 3.32 | 0.00 | 166.82 | 163.50 |
| 06/19/96 | 3,000 | 570 | 63 | <1.5 | 400 | - | - | NP | 4.20 | 0.00 | 166.82 | 162.62 |
| 09/16/96 | 7,700 | 440 | 69 | <1.5 | 680 | 230 | - | NP | 4.68 | 0.00 | 166.82 | 162.74 |
| 12/10/96 | 52 | <0.3 | <0.3 | <0.3 | <0.5 | 120 | - | NP | 4.93 | 0.00 | 166.82 | 161.89 |
| 03/12/97 | 8,700 | 180 | 5.4 | 40 | 1,100 | 130 | - | NP | 4.10 | 0.00 | 166.82 | 162.72 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|--------------|-----------------------|----------------|---------------|---------------------|---------------|--------------------|--------------------|-------------------------|-----------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE - 8021 (ug/L) | MTBE - E260 (ug/L) | | | | | |
| 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 | - | NP | 4.55 | 0.00 | 166.82 | 162.27 |
| 12/09/97 | <50 | <0.3 | 0.44 | <0.3 | <0.5 | <20 | - | NP | 5.30 | 0.00 | 166.82 | 161.52 |
| 03/03/98 | 1,100 | 13 | 0.51 | <0.3 | <0.5 | 220 | - | NP | 4.55 | 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 | - | NP | 6.05 | 0.00 | 166.82 | 160.77 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.65 | 0.00 | 166.82 | 161.17 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.68 | 0.00 | 166.82 | 161.14 |
| 06/22/99 | 880 | 14 | 0.98 | <0.3 | 8.1 | 260 | - | NP | 4.95 | 0.00 | 166.82 | 161.87 |
| 09/08/99 | 72 | <0.3 | <0.3 | <0.3 | <0.5 | 120 | - | NP | 4.46 | 0.00 | 166.82 | 162.36 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.08 | 0.00 | 166.82 | 162.74 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 3.68 | 0.00 | 166.82 | 163.14 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | - | <5 | NP | 4.07 | 0.00 | 166.82 | 162.75 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.07 | 0.00 | 166.82 | 162.75 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.06 | 0.00 | 166.82 | 162.76 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.22 | 0.00 | 166.82 | 161.60 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.99 | 0.00 | 166.82 | 160.83 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.84 | 0.00 | 166.82 | 161.98 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.80 | 0.00 | 166.82 | 162.02 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 5.18 | 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 | - | - | - | - | - | - | - | NP | 4.50 | 0.00 | 166.46 | 161.96 |
| 03/18/04 | - | - | - | - | - | - | - | NP | 5.64 | 0.00 | 166.46 | 160.82 |
| 06/09/04 | - | - | - | - | - | - | - | NP | 5.65 | 0.00 | 166.46 | 160.81 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 5.45 | 0.00 | 166.46 | 161.01 |
| 12/08/04 | - | - | - | - | - | - | - | NP | 4.64 | 0.00 | 166.46 | 161.82 |
| 03/16/05 | - | - | - | - | - | - | - | NP | 6.79 | 0.00 | 166.46 | 159.67 |
| 06/01/05 | - | - | - | - | - | - | - | NP | 4.43 | 0.00 | 166.46 | 162.03 |
| 09/14/05 | - | - | - | - | - | - | - | NP | 5.64 | 0.00 | 166.46 | 160.82 |
| 12/06/05 | - | - | - | - | - | - | - | NP | 5.64 | 0.00 | 166.46 | 160.82 |
| 03/15/06 | - | - | - | - | - | - | - | NP | 4.44 | 0.00 | 166.46 | 162.02 |
| 06/07/06 | - | - | - | - | - | - | - | NP | 6.02 | 0.00 | 166.46 | 160.44 |
| 09/26/06 | - | - | - | - | - | - | - | NP | 5.23 | 0.00 | 166.46 | 161.23 |
| 12/05/06 | - | - | - | - | - | - | - | NP | 5.26 | 0.00 | 166.46 | 161.20 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - S021 (ug/L) | MTBE - S260 (ug/L) | | | | | |
| MONITORING WELL #RE-2 | | | | | | | | | | | | |
| <i>Screen Interval = 5 to 17 feet</i> | | | | | | | | | | | | |
| 04/11/88 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/09/90 | 850 | 5.8 | 0.5 | 4.8 | 1.1 | - | - | NP | 4.90 | 0.00 | 167.19 | 162.29 |
| 10/30/90 | 440 | 2.8 | 0.91 | 13 | 3.14 | - | - | NP | 5.34 | 0.00 | 167.19 | 161.85 |
| 01/18/91 | 1,100 | 8.4 | 3.1 | ND | 10 | - | - | NP | 4.90 | 0.00 | 167.19 | 162.29 |
| 02/12/91 | 1,100 | 5.9 | ND | 1.77 | ND | - | - | NP | 4.94 | 0.00 | 167.19 | 162.25 |
| 03/20/91 | 550 | 4.3 | ND | ND | ND | - | - | NP | 4.32 | 0.00 | 167.19 | 162.87 |
| 05/22/91 | 1,000 | 5.3 | 3.6 | 4.4 | 8.9 | - | - | NP | 4.43 | 0.00 | 167.19 | 162.76 |
| 06/19/91 | 700 | 2.1 | 1.4 | 3.8 | 3.5 | - | - | NP | 6.43 | 0.00 | 167.19 | 160.76 |
| 07/17/91 | 880 | 12 | 8.0 | 4.3 | 28 | - | - | NP | 4.75 | 0.00 | 167.19 | 162.44 |
| 08/07/91 | - | 3.8 | 1.6 | ND | ND | - | - | NP | 4.87 | 0.00 | 167.19 | 162.32 |
| 09/24/91 | 670 | 7.2 | 7.1 | ND | 23 | - | - | NP | 5.50 | 0.00 | 167.19 | 161.69 |
| 10/23/91 | 2,700 | 52 | 60 | 22 | 130 | - | - | NP | 5.63 | 0.00 | 167.19 | 161.56 |
| 11/06/91 | 1,900 | 18 | 61 | 9.1 | 83 | - | - | NP | 5.14 | 0.00 | 167.19 | 162.05 |
| 12/04/91 | 1,100 | 26 | 47 | 4.3 | 42 | - | - | NP | 5.26 | 0.00 | 167.19 | 161.93 |
| 01/29/92 | 900 | 14 | 24 | 5.3 | 19 | - | - | NP | 5.11 | 0.00 | 167.19 | 162.08 |
| 02/26/92 | 500 | 3.4 | 3.5 | 2.7 | 2.7 | - | - | NP | 4.31 | 0.00 | 167.19 | 162.88 |
| 03/19/92 | 1,200 | 14 | 20 | 15 | 18 | - | - | NP | 4.45 | 0.00 | 167.19 | 162.74 |
| 04/22/92 | 200 | ND | ND | ND | ND | - | - | NP | 4.78 | 0.00 | 167.19 | 162.41 |
| 05/21/92 | 500 | 7.5 | 6.8 | 3.9 | 7.4 | - | - | NP | 5.02 | 0.00 | 167.19 | 162.17 |
| 06/25/92 | ND | ND | 0.9 | 0.7 | ND | - | - | NP | 5.13 | 0.00 | 167.19 | 162.06 |
| 07/30/92 | 500 | 7.7 | 8.6 | 3.2 | 1.7 | - | - | NP | 5.19 | 0.00 | 167.19 | 162.00 |
| 08/20/92 | 1,100 | 6.6 | 4.5 | 2.7 | 2.0 | - | - | NP | 5.27 | 0.00 | 167.19 | 161.92 |
| 09/30/92 | 500 | 5.4 | 2.4 | 1.8 | 4.5 | - | - | NP | 5.45 | 0.00 | 167.19 | 161.74 |
| 12/23/92 | 800 | 1.9 | ND | ND | 2.3 | - | - | NP | 4.60 | 0.00 | 167.19 | 162.59 |
| 03/10/93 | 1,200 | ND | 1.4 | ND | 2.1 | - | - | NP | 4.18 | 0.00 | 167.19 | 163.01 |
| 06/09/93 | 200 | ND | ND | ND | ND | - | - | NP | 4.53 | 0.00 | 167.19 | 162.66 |
| 09/17/93 | 360 | 1.6 | 1.1 | 3.2 | 8.9 | - | - | NP | 5.26 | 0.00 | 167.19 | 161.93 |
| 12/14/93 | 260 | 5.6 | 3.9 | <0.3 | 21.0 | - | - | NP | 2.75 | 0.00 | 167.19 | 164.44 |
| 03/02/94 | 410 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 4.27 | 0.00 | 167.19 | 162.92 |
| 06/06/94 | 760 | 4.6 | <0.3 | 0.32 | 1.3 | - | - | NP | 4.88 | 0.00 | 167.19 | 162.31 |
| 09/06/94 | 1,300 | 43 | 45 | 8.9 | 69 | - | - | NP | 5.16 | 0.00 | 167.19 | 162.03 |
| 12/07/94 | - | - | - | - | - | - | - | NP | 4.16 | 0.00 | 167.19 | 163.03 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 3.96 | 0.00 | 167.19 | 163.23 |
| 06/15/95 | 130 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 4.52 | 0.00 | 167.19 | 162.67 |
| 09/05/95 | 210 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 4.76 | 0.00 | 167.19 | 162.43 |
| 11/21/95 | 160 | 0.65 | <0.3 | 0.35 | 0.95 | - | - | NP | 4.83 | 0.00 | 167.19 | 162.36 |
| 03/11/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 3.36 | 0.00 | 167.19 | 163.83 |
| 06/19/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 4.68 | 0.00 | 167.19 | 162.51 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.10 | 0.00 | 167.19 | 162.09 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 4.47 | 0.00 | 167.19 | 162.72 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 4.05 | 0.00 | 167.19 | 163.14 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | NP | 4.08 | 0.00 | 167.19 | 163.11 |
| 12/09/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 4.40 | 0.00 | 167.19 | 162.79 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 3.30 | 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 | - | NP | 4.93 | 0.00 | 167.19 | 162.26 |
| 12/30/98 | 460 | 0.92 | <0.3 | <0.3 | <0.5 | 1,400 | - | NP | 4.20 | 0.00 | 167.19 | 162.99 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.20 | 0.00 | 167.19 | 162.99 |
| 06/22/99 | 2,900 | 7.4 | <0.3 | 0.43 | 4.1 | 4,500 | - | NP | 3.70 | 0.00 | 167.19 | 163.49 |
| 09/08/99 | 1,400 | <3 | <3 | <3 | <5 | 3,200 | - | NP | 3.96 | 0.00 | 167.19 | 163.23 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.58 | 0.00 | 167.19 | 163.61 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 3.19 | 0.00 | 167.19 | 164.00 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | - | <5 | NP | 3.18 | 0.00 | 167.19 | 164.01 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 3.58 | 0.00 | 167.19 | 163.61 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 3.58 | 0.00 | 167.19 | 163.61 |
| 03/22/01 | 575 | <0.18 | 1.3 | <0.18 | <0.26 | 950 | 2,070 | NP | 4.33 | 0.00 | 167.19 | 162.86 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.10 | 0.00 | 167.19 | 162.09 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.86 | 0.00 | 167.19 | 161.33 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.81 | 0.00 | 167.19 | 162.38 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 4.33 | 0.00 | 167.19 | 162.86 |
| 06/12/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.86 | 0.00 | 167.19 | 161.33 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.86 | 0.00 | 167.19 | 161.33 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.48 | 0.00 | 167.19 | 161.71 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.86 | 0.00 | 167.19 | 161.33 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.86 | 0.00 | 167.19 | 161.33 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.48 | 0.00 | 167.19 | 161.71 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 3.20 | 0.00 | 166.61 | 163.41 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | 8.4 | NP | 4.33 | 0.00 | 166.61 | 162.28 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | 8.4 | - | NP | 4.32 | 0.00 | 166.61 | 162.29 |
| 09/02/04 | 877 | 2.3 | 2.2 | 5.8 | 4.0 | 743 | 516 | NP | 5.12 | 0.00 | 166.61 | 161.49 |
| 12/08/04 | 194,000 | 1,960 | 26,900 | 4,660 | 23,200 | 10,700 | 13,000 | NP | 3.65 | 0.00 | 166.61 | 162.96 |
| 03/16/05 | 50,600 | 901 | 10,100 | 130 J | 12,100 | - | 4,040 | NP | 5.47 | 0.00 | 166.61 | 161.14 |
| 06/01/05 | 23,300 | 519 | 3,370 | <7 | 7,180 | 3,800 | 2,880 | NP | 3.95 | 0.00 | 166.61 | 162.66 |
| 09/14/05 | 14,000 | 22 | 15 J | <2.4 | 3,930 | - | 2,420 | NP | 4.32 | 0.00 | 166.61 | 162.29 |
| 12/06/05 | 140 | <0.32 | <0.10 | <0.24 | <0.3 | - | 34 | NP | 3.55 | 0.00 | 166.61 | 163.06 |
| 03/15/06 | 57 | <0.32 | <0.10 | <0.24 | <0.30 | - | 31 | NP | 3.95 | 0.00 | 166.61 | 162.66 |
| 06/07/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 4.2 | NP | 3.95 | 0.00 | 166.61 | 162.66 |
| 09/26/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 13 | NP | 5.03 | 0.00 | 166.61 | 161.58 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | 2.5 J | - | 17 | NP | 5.20 | 0.00 | 166.61 | 161.41 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (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 | - | - | NP | 7.15 | 0.00 | 167.39 | 160.24 |
| 10/30/90 | 13,000 | 860 | 660 | 220 | 2,210 | - | - | NP | 7.84 | 0.00 | 167.39 | 159.55 |
| 01/18/91 | 42,000 | 4,700 | 4,500 | 21 | 7,700 | - | - | NP | 6.90 | 0.00 | 167.39 | 160.49 |
| 02/12/91 | 72,000 | 3,600 | 4,500 | ND | 7,600 | - | - | NP | 6.62 | 0.00 | 167.39 | 160.77 |
| 03/20/91 | 65,000 | 2,400 | 9,400 | 50 | 9,800 | - | - | NP | 5.87 | 0.00 | 167.39 | 161.52 |
| 05/22/91 | - | - | - | - | - | - | - | FILM | 5.98 | 0.00 | 167.39 | 161.41 |
| 06/19/91 | - | - | - | - | - | - | - | FILM | 6.84 | 0.00 | 167.39 | 160.55 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 7.10 | 0.00 | 167.39 | 160.29 |
| 08/07/91 | - | - | - | - | - | - | - | FILM | 7.30 | 0.00 | 167.39 | 160.09 |
| 09/24/91 | - | - | - | - | - | - | - | FILM | 7.84 | 0.00 | 167.39 | 159.55 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 8.07 | 0.00 | 167.39 | 159.32 |
| 11/06/91 | - | - | - | - | - | - | - | FILM | 7.63 | 0.00 | 167.39 | 159.76 |
| 12/04/91 | - | - | - | - | - | - | - | FILM | 7.83 | 0.00 | 167.39 | 159.56 |
| 01/29/92 | - | - | - | - | - | - | - | FILM | 7.17 | 0.00 | 167.39 | 160.22 |
| 02/26/92 | - | - | - | - | - | - | - | FILM | 5.56 | 0.00 | 167.39 | 161.83 |
| 03/19/92 | - | - | - | - | - | - | - | FILM | 5.44 | 0.00 | 167.39 | 161.95 |
| 04/22/92 | - | - | - | - | - | - | - | FILM | 6.56 | 0.00 | 167.39 | 160.83 |
| 05/21/92 | - | - | - | - | - | - | - | FILM | 6.90 | 0.00 | 167.39 | 160.49 |
| 06/25/92 | - | - | - | - | - | - | - | FILM | 7.18 | 0.00 | 167.39 | 160.21 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 6.80 | 0.00 | 167.39 | 160.59 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 7.25 | 0.00 | 167.39 | 160.14 |
| 09/30/92 | - | - | - | - | - | - | - | FILM | 7.68 | 0.00 | 167.39 | 159.71 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 6.07 | 0.00 | 167.39 | 161.32 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 5.66 | 0.00 | 167.39 | 161.73 |
| 06/09/93 | - | - | - | - | - | - | - | FILM | 6.66 | 0.00 | 167.39 | 160.73 |
| 09/14/93 | 40,000 | 2,900 | 1,500 | 180 | 6,900 | - | - | NP | 7.30 | 0.00 | 167.39 | 160.09 |
| 12/14/93 | - | - | - | - | - | - | - | NP | 5.95 | 0.00 | 167.39 | 161.44 |
| 03/02/94 | - | - | - | - | - | - | - | NP | 5.08 | 0.00 | 167.39 | 162.31 |
| 06/06/94 | - | - | - | - | - | - | - | FILM | 6.35 | 0.00 | 167.39 | 161.04 |
| 09/06/94 | 11,000 | 260 | 26 | <6.6 | 1,000 | - | - | NP | 7.50 | 0.00 | 167.39 | 159.89 |
| 12/07/94 | - | - | - | - | - | - | - | FILM | 5.48 | 0.00 | 167.39 | 161.91 |
| 03/08/95 | - | - | - | - | - | - | - | FILM | 5.18 | 0.00 | 167.39 | 162.21 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | - | FILM | 6.84 | 0.00 | 167.39 | 160.55 |
| 11/21/95 | 10,000 | 210 | <3 | 4.5 | 330 | - | - | NP | 7.38 | 0.00 | 167.39 | 160.01 |
| 03/11/96 | 1,600 | 640 | 15 | 10 | 46 | - | - | NP | 4.85 | 0.00 | 167.39 | 162.54 |
| 06/19/96 | 2,100 | 280 | <3 | <3 | 120 | - | - | NP | 5.80 | 0.00 | 167.39 | 161.59 |
| 09/16/96 | 140 | <0.3 | <0.3 | <0.3 | <0.5 | 110 | - | NP | 4.50 | 0.00 | 167.39 | 162.89 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.35 | 0.00 | 167.39 | 162.04 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | * <0.5 | <20 | - | NP | 3.48 | 0.00 | 167.39 | 163.91 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | - | - | - | - | - |
| 12/09/97 | 3,600 | 1,000 | 1,000 | <6 | 570 | 260 | - | NP | 3.10 | 0.00 | 167.39 | 164.29 |
| 03/03/98 | 2,800 | 20 | 0.65 | 0.39 | 16 | 5,600 | - | NP | 4.55 | 0.00 | 167.39 | 162.84 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | 2.30 | 0.00 | 167.39 | 165.09 |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 23 | - | NP | - | - | - | - |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.95 | 0.00 | 167.39 | 162.44 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.55 | 0.00 | 167.39 | 162.84 |
| 06/22/99 | 670 | 17 | 1.2 | 0.36 | 1.7 | 340 | - | NP | 4.15 | 0.00 | 167.39 | 163.24 |
| 09/08/99 | 140 | 0.72 | <0.3 | <0.3 | <0.5 | 230 | - | NP | 3.85 | 0.00 | 167.39 | 163.54 |
| 12/01/99 | 95 | <0.3 | <0.3 | <0.3 | <0.5 | 200 | - | NP | 2.63 | 0.00 | 167.39 | 164.76 |
| 03/23/00 | 315 | <0.25 | <0.25 | <0.25 | <0.5 | 293 | 422 | NP | 2.63 | 0.00 | 167.39 | 164.76 |
| 06/08/00 | <100 | <5 | <5 | <5 | <5 | - | 201 | NP | 2.25 | 0.00 | 167.39 | 165.14 |
| 09/27/00 | 154 | <0.18 | <0.14 | <0.18 | <0.26 | 254 | 160 | NP | 3.02 | 0.00 | 167.39 | 164.37 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 124 | 111 | NP | 3.01 | 0.00 | 167.39 | 164.38 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 90 | 57 | NP | 3.02 | 0.00 | 167.39 | 164.37 |
| 06/15/01 | 649 | 28 | 2.4 | 3.1 | 9.0 | 1,790 | 2,560 | NP | 4.54 | 0.00 | 167.39 | 162.85 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.92 | 0.00 | 167.39 | 162.47 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.80 | 0.00 | 167.39 | 159.59 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.35 | 0.00 | 167.39 | 160.04 |
| 06/12/02 | 969 | <0.18 | 1.0 | <0.18 | <0.26 | 1,430 | - | NP | 4.53 | 0.00 | 167.39 | 162.86 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.90 | 0.00 | 167.39 | 162.49 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.28 | 0.00 | 167.39 | 162.11 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 4.52 | 0.00 | 167.39 | 162.87 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.67 | 0.00 | 167.39 | 161.72 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.67 | 0.00 | 167.39 | 161.72 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.26 | 0.00 | 167.39 | 162.13 |
| 03/18/04 | 57 | <0.22 | 1.7 J | <0.31 | <0.4 | - | 13 | NP | 2.59 | 0.00 | 166.69 | 164.10 |
| 06/09/04 | 7,950 | 39 | 21 | <1.8 | 20 | 4,590 | - | NP | 4.50 | 0.00 | 166.69 | 162.19 |
| 09/02/04 | 9,560 | 982 | 65 | 77 | 86 | 5,950 | 4,360 | NP | 5.85 | 0.00 | 166.69 | 160.84 |
| 12/08/04 | 233 | 1.3 | 3.9 | 1.7 | 2.6 | 72 | 80 | NP | 6.30 | 0.00 | 166.69 | 160.39 |
| 03/16/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 4.48 | 0.00 | 166.69 | 162.21 |
| 06/01/05 | 1,710 | 3.7 | <1.1 | <0.7 | 9.2 | 20,100 | 14,400 | NP | 6.80 | 0.00 | 166.69 | 159.89 |
| 09/14/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 2.62 | 0.00 | 166.69 | 164.07 |
| 12/06/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 4.51 | 0.00 | 166.69 | 162.18 |
| 03/15/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 4.88 | 0.00 | 166.69 | 161.81 |
| 06/07/06 | 1,150 | 1.4 | 164 | 34 | 162 | - | <0.63 | NP | 2.64 | 0.00 | 166.69 | 164.05 |
| 09/26/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 6.0 | NP | 2.97 | 0.00 | 166.69 | 163.72 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | 1.3 | NP | 6.65 | 0.00 | 166.69 | 160.04 |
| | | | | | | | | NP | 6.80 | 0.00 | 166.69 | 159.89 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8269 (ug/L) | | | | | |
| MONITORING WELL #RE-4 | | | | | | | | | | | | |
| <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 | - | - | NP | 7.04 | 0.00 | 166.94 | 159.90 |
| 01/18/91 | 70,000 | 5,000 | 5,400 | 790 | 9,900 | - | - | NP | 11.62 | 0.00 | 166.94 | 155.32 |
| 02/12/91 | 87,000 | 5,200 | 2,800 | 240 | 11,000 | - | - | NP | 11.63 | 0.00 | 166.94 | 155.31 |
| 03/20/91 | 6,500 | 370 | 230 | 17 | 670 | - | - | NP | 11.61 | 0.00 | 166.94 | 155.33 |
| 05/22/91 | - | - | - | - | - | - | - | FILM | 10.30 | 0.00 | 166.94 | 156.64 |
| 06/19/91 | - | - | - | - | - | - | - | FILM | 11.10 | 0.00 | 166.94 | 155.84 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 6.20 | 0.00 | 166.94 | 160.74 |
| 08/17/91 | - | - | - | - | - | - | - | FILM | 8.15 | 0.00 | 166.94 | 158.79 |
| 09/24/91 | - | - | - | - | - | - | - | FILM | 10.40 | 0.00 | 166.94 | 156.54 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 11.20 | 0.00 | 166.94 | 155.74 |
| 11/06/91 | - | - | - | - | - | - | - | FILM | 6.62 | 0.00 | 166.94 | 160.32 |
| 12/04/91 | - | - | - | - | - | - | - | ILM | 11.20 | 0.00 | 166.94 | 155.74 |
| 01/29/92 | - | - | - | - | - | - | - | FILM | 7.72 | 0.00 | 166.94 | 159.22 |
| 02/26/92 | - | - | - | - | - | - | - | FILM | 5.13 | 0.00 | 166.94 | 161.81 |
| 03/19/92 | - | - | - | - | - | - | - | FILM | 5.00 | 0.00 | 166.94 | 161.94 |
| 04/22/92 | - | - | - | - | - | - | - | FILM | 5.94 | 0.00 | 166.94 | 161.00 |
| 05/21/92 | - | - | - | - | - | - | - | FILM | 5.40 | 0.00 | 166.94 | 161.54 |
| 06/25/92 | - | - | - | - | - | - | - | FILM | 5.71 | 0.00 | 166.94 | 161.23 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 6.33 | 0.00 | 166.94 | 160.61 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 5.80 | 0.00 | 166.94 | 161.14 |
| 09/30/92 | - | - | - | - | - | - | - | FILM | 6.34 | 0.00 | 166.94 | 160.60 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 5.50 | 0.00 | 166.94 | 161.44 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 4.67 | 0.00 | 166.94 | 162.27 |
| 06/09/93 | - | - | - | - | - | - | - | FILM | 5.12 | 0.00 | 166.94 | 161.82 |
| 09/14/93 | - | - | - | - | - | - | - | NP | 10.44 | 0.00 | 166.94 | 156.50 |
| 12/14/93 | - | - | - | - | - | - | - | NP | 7.52 | 0.00 | 166.94 | 159.42 |
| 03/02/94 | - | - | - | - | - | - | - | NP | 4.85 | 0.00 | 166.94 | 162.09 |
| 06/06/94 | - | - | - | - | - | - | - | FILM | 5.20 | 0.00 | 166.94 | 161.74 |
| 09/06/94 | - | - | - | - | - | - | - | FILM | 9.85 | 0.00 | 166.94 | 157.09 |
| 12/07/94 | - | - | - | - | - | - | - | FILM | 5.20 | 0.00 | 166.94 | 161.74 |
| 03/08/95 | - | - | - | - | - | - | - | FILM | 4.98 | 0.00 | 166.94 | 161.96 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | - | FILM | 13.72 | 0.00 | 166.94 | 153.22 |
| 11/21/95 | 32,000 | 46 | 21 | 66 | 340 | - | - | NP | 12.53 | 0.00 | 166.94 | 154.41 |
| 03/11/96 | 1,700 | 130 | 15 | 2.0 | 120 | - | - | NP | 4.72 | 0.00 | 166.94 | 162.22 |
| 06/19/96 | 1,700 | 230 | 30 | 0.35 | 100 | - | - | NP | 5.40 | 0.00 | 166.94 | 161.54 |
| 09/16/96 | 510 | <0.3 ^a | 0.73 | <0.3 | <0.3 | 800 | - | NP | 5.18 | 0.00 | 166.94 | 161.76 |
| 12/10/96 | 520 | <0.3 | <0.3 | <0.3 | <0.5 | 1,000 | - | NP | 4.65 | 0.00 | 166.94 | 162.29 |
| 03/12/97 | 420 | 3.2 ^b | <0.3 | <0.3 | 11 ^c | 370 | - | NP | 3.87 | 0.00 ^d | 166.94 | 163.07 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - E260 (ug/L) | | | | | |
| 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 | - | NP | 5.40 | 0.00 | 166.94 | 161.54 |
| 12/09/97 | 1,400 | 330 | 2.3 | <0.3 | 1.5 | 2,500 | - | NP | 4.60 | 0.00 | 166.94 | 162.34 |
| 03/03/98 | 3,000 | 400 | 0.61 | 0.5 | 97 | 3,800 | - | NP | 5.05 | 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 | - | NP | 4.60 | 0.00 | 166.94 | 162.34 |
| 12/30/98 | 530 | <0.3 | <0.3 | <0.3 | <0.5 | 1,500 | - | NP | 4.20 | 0.00 | 166.94 | 162.74 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.85 | 0.00 | 166.94 | 163.09 |
| 06/22/99 | 1,200 | 23 | 1.5 | <0.3 | 2.4 | 1,400 | - | NP | 3.90 | 0.00 | 166.94 | 163.04 |
| 09/08/99 | 590 | 1.5 | <0.6 | <0.6 | <1 | 1,100 | - | NP | 5.72 | 0.00 | 166.94 | 161.22 |
| 12/01/99 | 540 | <0.3 | <0.3 | <0.3 | <0.5 | 880 | - | NP | 5.34 | 0.00 | 166.94 | 161.60 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 5.36 | 0.00 | 166.94 | 161.58 |
| 06/08/00 | 67 | <5 | <5 | <5 | <5 | - | <5 | NP | 5.34 | 0.00 | 166.94 | 161.60 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.35 | 0.00 | 166.94 | 161.59 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.71 | 0.00 | 166.94 | 161.23 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.19 | 0.00 | 166.94 | 162.75 |
| 06/15/01 | 409 | 18 | 2.0 | 2.0 | 5.0 | 1,060 | 1,480 | NP | 4.57 | 0.00 | 166.94 | 162.37 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.10 | 0.00 | 166.94 | 160.84 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | 3.0 | 7.0 | 3.7 | NP | 4.95 | 0.00 | 166.94 | 161.99 |
| 03/13/02 | 511 | 3.0 | 3.0 | <0.18 | 2.0 | 519 | - | NP | 4.17 | 0.00 | 166.94 | 162.77 |
| 06/12/02 | 380 | 2.0 | 2.0 | 1.0 | 2.0 | 479 | - | NP | 4.93 | 0.00 | 166.94 | 162.01 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.32 | 0.00 | 166.94 | 161.62 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.93 | 0.00 | 166.94 | 162.01 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.32 | 0.00 | 166.94 | 161.62 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 5.32 | 0.00 | 166.94 | 161.62 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 4.93 | 0.00 | 166.94 | 162.01 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 4.93 | 0.00 | 166.23 | 161.30 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | 1.1 | NP | 4.93 | 0.00 | 166.23 | 161.30 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | - | NP | 4.56 | 0.00 | 166.23 | 161.67 |
| 09/02/04 | 6,390 | 587 | 50 | 34 | 65 | 4,150 | 2,650 | NP | 6.00 | 0.00 | 166.23 | 160.23 |
| 12/08/04 | 278,000 | 4,680 | 44,900 | 4,850 | 29,000 | 54,800 | 43,400 | NP | 4.93 | 0.00 | 166.23 | 161.30 |
| 03/16/05 | 110,000 | 2,360 | 18,900 | 1,780 | 17,800 | - | 24,400 | NP | 5.32 | 0.00 | 166.23 | 160.91 |
| 06/01/05 | 40,800 | 1,530 | 6,890 | 39 | 6,880 | 25,800 | 17,900 | NP | 5.7 | 0.00 | 166.23 | 160.53 |
| 09/14/05 | 23,600 | 190 | 73 | <2.4 | 3,460 | - | 14,200 | NP | 5.3 | 0.00 | 166.23 | 160.91 |
| 12/06/05 | 16,000 | <3.2 | <1.0 | <2.4 | <3 | - | 13,200 | NP | 4.55 | 0.00 | 166.23 | 161.68 |
| 03/15/06 | 4,910 | 37 | <1.0 | 65 | 15 J | - | 4,940 | NP | 5.70 | 0.00 | 166.23 | 160.53 |
| 06/07/06 | 10,100 | 12 | 1,380 | 349.0 | 1,540 | - | <6.3 | NP | 5.70 | 0.00 | 166.23 | 160.53 |
| 09/26/06 | 52 | <0.32 | 1.1 J | <0.24 | 1.4 J | - | 10 | NP | 5.66 | 0.00 | 166.23 | 160.57 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | 22 | NP | 4.95 | 0.00 | 166.23 | 161.28 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ng/L) | MTBE - 8260 (ng/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 | - | - | NP | 4.79 | 0.00 | 166.51 | 161.72 |
| 10/30/90 | 3,400 | 910 | 48 | 87 | 249 | - | - | NP | 5.86 | 0.00 | 166.51 | 160.65 |
| 01/18/91 | 1,400 | 180 | 8.6 | 0.52 | 48 | - | - | NP | 4.40 | 0.00 | 166.51 | 162.11 |
| 02/12/91 | 1,000 | ND | ND | 0.65 | ND | - | - | NP | 4.76 | 0.00 | 166.51 | 161.75 |
| 03/20/91 | 3,000 | 250 | 53 | ND | 110 | - | - | NP | 5.08 | 0.00 | 166.51 | 161.43 |
| 05/22/91 | 2,500 | 330 | 7.8 | 5.6 | 200 | - | - | NP | 4.52 | 0.00 | 166.51 | 161.99 |
| 01/19/91 | 2,000 | 59 | 1.6 | 5.1 | 110 | - | - | NP | 4.39 | 0.00 | 166.51 | 162.12 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 5.05 | 0.00 | 166.51 | 161.46 |
| 08/07/91 | - | - | - | - | - | - | - | FILM | 5.02 | 0.00 | 166.51 | 161.49 |
| 09/24/91 | - | - | - | - | - | - | - | FILM | 5.86 | 0.00 | 166.51 | 160.65 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 5.84 | 0.00 | 166.51 | 160.67 |
| 11/06/91 | 9,900 | 2,300 | 37 | 260 | 160 | - | - | NP | 5.48 | 0.00 | 166.51 | 161.03 |
| 12/04/91 | 4,500 | 1,000 | 27 | ND | 180 | - | - | NP | 5.43 | 0.00 | 166.51 | 161.08 |
| 01/29/92 | 600 | 6.1 | 2.3 | ND | 47 | - | - | NP | 5.12 | 0.00 | 166.51 | 161.39 |
| 02/26/92 | 500 | 5.4 | 2.7 | 1.2 | 14 | - | - | NP | 4.93 | 0.00 | 166.51 | 161.58 |
| 03/19/92 | ND | 1.7 | 1.1 | ND | 5.5 | - | - | NP | 4.45 | 0.00 | 166.51 | 162.06 |
| 04/22/92 | 1,600 | 240 | 2.2 | ND | 160 | - | - | NP | 4.63 | 0.00 | 166.51 | 161.88 |
| 05/21/92 | 1,200 | 410 | 37 | ND | 118 | - | - | NP | 4.90 | 0.00 | 166.51 | 161.61 |
| 06/25/92 | ND | 1.0 | 0.8 | 0.8 | 0.4 | - | - | NP | 5.15 | 0.00 | 166.51 | 161.36 |
| 07/30/92 | ND | 2.0 | 1.8 | 1.9 | 6.4 | - | - | NP | 5.30 | 0.00 | 166.51 | 161.21 |
| 08/20/92 | 300 | 1.7 | 3.3 | 0.7 | 12 | - | - | NP | 5.44 | 0.00 | 166.51 | 161.07 |
| 09/30/92 | 1,900 | 140 | ND | 19 | 35 | - | - | NP | 5.73 | 0.00 | 166.51 | 160.78 |
| 12/23/92 | 400 | 8.0 | ND | ND | ND | - | - | NP | 4.75 | 0.00 | 166.51 | 161.76 |
| 03/10/93 | 1,100 | 290 | 9.7 | ND | 75 | - | - | NP | 4.14 | 0.00 | 166.51 | 162.37 |
| 06/09/93 | 400 | 1.5 | 0.5 | ND | 12 | - | - | NP | 5.42 | 0.00 | 166.51 | 161.09 |
| 09/14/93 | 240 | 6.9 | 8.8 | 1.4 | 67 | - | - | NP | 5.53 | 0.00 | 166.51 | 160.98 |
| 12/14/93 | 3,300 | 510 | 5.4 | 4.1 | 55 | - | - | NP | 478.00 | 0.00 | 166.51 | -311.49 |
| 03/02/94 | 2,400 | 270 | 4.5 | <0.3 | 13 | - | - | NP | 4.20 | 0.00 | 166.51 | 162.31 |
| 06/06/94 | 730 | <0.3 | <0.3 | 0.70 | 22 | - | - | NP | 5.13 | 0.00 | 166.51 | 161.38 |
| 09/06/94 | 2,400 | 180 | 28 | 2.3 | 76 | - | - | NP | 5.45 | 0.00 | 166.51 | 161.06 |
| 12/07/94 | 540 | 5.6 | <0.3 | <0.5 | 6.9 | - | - | NP | 4.13 | 0.00 | 166.51 | 162.38 |
| 03/08/95 | 1,500 | 220 | 5.5 | <0.5 | 83 | - | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |
| 06/15/95 | 3,200 | 820 | 53 | 6.2 | 74 | - | - | NP | 4.93 | 0.00 | 166.51 | 161.58 |
| 09/05/95 | 4,400 | 440 | 22 | <2.5 | 57 | - | - | NP | 5.03 | 0.00 | 166.51 | 161.48 |
| 11/21/95 | 660 | 3.4 | <0.3 | <0.3 | 0.6 | - | - | NP | 5.23 | 0.00 | 166.51 | 161.28 |
| 03/11/96 | 1,000 | 76 | 2.2 | <0.3 | 130 | - | - | NP | 4.16 | 0.00 | 166.51 | 162.35 |
| 06/09/96 | 90 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 5.42 | 0.00 | 166.51 | 161.09 |
| 09/16/96 | 1,900 | 5.8 | <0.3 | <0.3 | 5.9 | 1,100 | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |
| 12/10/96 | 740 | <0.3 | <0.3 | <0.3 | <0.5 | 1,300 | - | NP | 5.27 | 0.00 | 166.51 | 161.24 |
| 03/12/97 | 2,000 | 600 | 59 | 5.1 | 54 | 1,300 | - | NP | 3.85 | 0.00 | 166.51 | 162.66 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | NP | 4.10 | 0.00 | 166.51 | 162.41 |
| 12/09/97 | 11,000 | 2,500 | 2,700 | <6 | 1,500 | 510 | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 3.70 | 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 | - | NP | 6.77 | 0.00 | 166.51 | 159.74 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.95 | 0.00 | 166.51 | 160.56 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.25 | 0.00 | 166.51 | 161.26 |
| 06/22/99 | 110 | <0.3 | <0.3 | <0.3 | <0.5 | 200 | - | NP | 4.50 | 0.00 | 166.51 | 162.01 |
| 09/08/99 | 68 | <0.3 | <0.3 | <0.3 | <0.5 | 110 | - | NP | 4.43 | 0.00 | 166.51 | 162.08 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 3.66 | 0.00 | 166.51 | 162.85 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 4.06 | 0.00 | 166.51 | 162.45 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | - | NP | 4.43 | 0.00 | 166.51 | 162.08 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.06 | 0.00 | 166.51 | 162.45 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.80 | 0.00 | 166.51 | 161.71 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.33 | 0.00 | 166.51 | 160.18 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.79 | 0.00 | 166.51 | 161.72 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.54 | 0.00 | 166.51 | 160.97 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.21 | 0.00 | 166.51 | 161.30 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 6.32 | 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 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/18/04 | - | - | - | - | - | - | - | NP | 3.67 | 0.00 | 166.56 | 162.89 |
| 06/09/04 | - | - | - | - | - | - | - | NP | 5.20 | 0.00 | 166.56 | 161.36 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 4.61 | 0.00 | 166.56 | 161.95 |
| 12/08/04 | - | - | - | - | - | - | - | NP | 4.93 | 0.00 | 166.56 | 161.63 |
| 03/16/05 | - | - | - | - | - | - | - | NP | 4.06 | 0.00 | 166.56 | 162.50 |
| 06/01/05 | - | - | - | - | - | - | - | NP | 5.56 | 0.00 | 166.56 | 161.00 |
| 09/14/05 | - | - | - | - | - | - | - | NP | 4.42 | 0.00 | 166.56 | 162.14 |
| 12/06/05 | - | - | - | - | - | - | - | NP | 4.41 | 0.00 | 166.56 | 162.15 |
| 03/15/06 | - | - | - | - | - | - | - | NP | 4.03 | 0.00 | 166.56 | 162.53 |
| 06/07/06 | - | - | - | - | - | - | - | NP | 4.42 | 0.00 | 166.56 | 162.14 |
| 09/26/06 | - | - | - | - | - | - | - | NP | 5.18 | 0.00 | 166.56 | 161.38 |
| 12/05/06 | - | - | - | - | - | - | - | NP | 5.06 | 0.00 | 166.56 | 161.50 |
| | | | | | | | | NP | 5.14 | 0.00 | 166.56 | 161.42 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| MONITORING WELL #RE-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 | - | - | NP | 5.64 | 0.00 | 166.51 | 160.87 |
| 10/30/90 | 3,400 | 1,000 | 28 | ND | ND | - | - | NP | 6.68 | 0.00 | 166.51 | 159.83 |
| 01/18/91 | 6,300 | 1,200 | ND | 3.0 | 15 | - | - | NP | 6.61 | 0.00 | 166.51 | 159.90 |
| 02/12/91 | 5,200 | 850 | 8.4 | 4.9 | 41 | - | - | NP | 6.20 | 0.00 | 166.51 | 160.31 |
| 03/20/91 | 5,800 | 680 | 12 | 8.0 | 16 | - | - | NP | 5.62 | 0.00 | 166.51 | 160.89 |
| 05/22/91 | 8,500 | 1,700 | 14 | 24 | 6.7 | - | - | NP | 6.05 | 0.00 | 166.51 | 160.46 |
| 06/19/91 | - | - | - | - | - | - | - | FILM | 6.12 | 0.00 | 166.51 | 160.39 |
| 07/17/91 | 120,000 | 9,300 | 13,000 | 2,400 | 16,000 | - | - | NP | 6.20 | 0.00 | 166.51 | 160.31 |
| 08/07/91 | - | 590 | 5.3 | ND | 14 | - | - | NP | 6.27 | 0.00 | 166.51 | 160.24 |
| 09/24/91 | 7,000 | 310 | 11 | 5.3 | 35 | - | - | NP | 6.63 | 0.00 | 166.51 | 159.88 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 6.36 | 0.00 | 166.51 | 160.15 |
| 11/06/91 | 4,000 | 710 | 18 | 29 | 49 | - | - | NP | 6.15 | 0.00 | 166.51 | 160.36 |
| 12/04/91 | 4,100 | 1,100 | 14 | 33 | 39 | - | - | NP | 6.19 | 0.00 | 166.51 | 160.32 |
| 01/29/92 | 2,600 | 790 | 14 | ND | 49 | - | - | NP | 6.70 | 0.00 | 166.51 | 159.81 |
| 02/26/92 | 3,100 | 950 | 21 | 30 | 33 | - | - | NP | 5.44 | 0.00 | 166.51 | 161.07 |
| 03/19/92 | 2,200 | 630 | 14 | 12 | 40 | - | - | NP | 5.30 | 0.00 | 166.51 | 161.21 |
| 04/22/92 | - | 730 | 2.2 | ND | 40 | - | - | NP | 6.00 | 0.00 | 166.51 | 160.51 |
| 05/21/92 | 1,500 | 840 | 7.8 | 7.1 | 34 | - | - | NP | 6.25 | 0.00 | 166.51 | 160.26 |
| 06/25/92 | <2000 | 740 | 8.0 | 27 | 28 | - | - | NP | 6.38 | 0.00 | 166.51 | 160.13 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 6.42 | 0.00 | 166.51 | 160.09 |
| 08/20/92 | 2,800 | 630 | 17 | 23 | 22 | - | - | NP | 6.50 | 0.00 | 166.51 | 160.01 |
| 09/30/92 | 7,800 | 540 | ND | 12 | 29 | - | - | NP | 6.66 | 0.00 | 166.51 | 159.85 |
| 12/23/92 | 1,800 | 350 | ND | 7.7 | 11 | - | - | NP | 5.83 | 0.00 | 166.51 | 160.68 |
| 03/10/93 | 3,000 | 830 | 5.6 | 19 | 16 | - | - | NP | 5.63 | 0.00 | 166.51 | 160.88 |
| 06/09/93 | 4,800 | 920 | 6.2 | 3.2 | 12 | - | - | NP | 6.01 | 0.00 | 166.51 | 160.50 |
| 09/14/93 | 3,600 | 660 | 7.5 | 11 | 27 | - | - | NP | 6.53 | 0.00 | 166.51 | 159.98 |
| 12/14/93 | 1,500 | 200 | <0.3 | <0.3 | 8.8 | - | - | NP | 3.58 | 0.00 | 166.51 | 162.93 |
| 03/02/94 | - | - | - | - | - | - | - | NP | 5.12 | 0.00 | 166.51 | 161.39 |
| 06/06/94 | 2,400 | 290 | 4.6 | 1.3 | 24 | - | - | NP | 1.85 | 0.00 | 166.51 | 164.66 |
| 09/06/94 | 4,300 | 230 | 21 | <6.6 | 130 | - | - | NP | 6.40 | 0.00 | 166.51 | 160.11 |
| 12/07/94 | 1,500 | 17 | 2.5 | 3.2 | 22 | - | - | NP | 5.68 | 0.00 | 166.51 | 160.83 |
| 03/08/95 | 2,500 | 460 | 5.5 | 2.1 | 51 | - | - | NP | 5.12 | 0.00 | 166.51 | 161.39 |
| 06/15/95 | 2,300 | 91 | 1.1 | 0.7 | 97 | - | - | NP | 5.72 | 0.00 | 166.51 | 160.79 |
| 09/05/95 | 3,300 | 60 | <10 | <10 | 74 | - | - | NP | 5.94 | 0.00 | 166.51 | 160.57 |
| 11/21/95 | 2,000 | 7.3 | <0.3 | 0.56 | 8.7 | - | - | NP | 6.24 | 0.00 | 166.51 | 160.27 |
| 03/11/96 | 840 | 43 | 0.96 | 5.7 | 14 | - | - | NP | 5.16 | 0.00 | 166.51 | 161.35 |
| 06/19/96 | 1,800 | 160 | 2.7 | 9.9 | 25 | - | - | NP | 5.80 | 0.00 | 166.51 | 160.71 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.38 | 0.00 | 166.51 | 161.13 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.62 | 0.00 | 166.51 | 160.89 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |
| 12/09/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 5.97 | 0.00 | 166.51 | 160.54 |
| 03/03/98 | 400 | 7.0 | <0.3 | <0.3 | 4.3 | 65 | - | NP | 4.45 | 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 | - | NP | 5.90 | 0.00 | 166.51 | 160.61 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.20 | 0.00 | 166.51 | 161.31 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 8.4 | - | NP | 4.82 | 0.00 | 166.51 | 161.69 |
| 06/22/99 | 700 | 11 | 1.9 | <0.3 | 3.9 | 140 | - | NP | 6.00 | 0.00 | 166.51 | 160.51 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.15 | 0.00 | 166.51 | 161.36 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 12 | - | NP | 4.02 | 0.00 | 166.51 | 162.49 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 4.41 | 0.00 | 166.51 | 162.10 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | - | NP | 4.78 | 0.00 | 166.51 | 161.73 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.78 | 0.00 | 166.51 | 161.73 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 4.77 | 0.00 | 166.51 | 161.74 |
| 03/22/01 | 367 | <0.18 | <0.14 | <0.18 | <0.26 | 581 | 674 | NP | 5.54 | 0.00 | 166.51 | 160.97 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.92 | 0.00 | 166.51 | 160.59 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.93 | 0.00 | 166.51 | 160.58 |
| 12/12/01 | 138 | <0.18 | <0.14 | <0.18 | <0.26 | 7.0 | <0.6 | NP | 6.20 | 0.00 | 166.51 | 160.31 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.55 | 0.00 | 166.51 | 160.96 |
| 06/12/02 | 895 | <0.18 | 1.0 | <0.18 | <0.26 | 1,360 | - | NP | 5.93 | 0.00 | 166.51 | 160.58 |
| 09/18/02 | 759 | <0.18 | <0.14 | <0.18 | <0.26 | 644 | - | NP | 6.03 | 0.00 | 166.51 | 160.48 |
| 12/18/02 | 531 | <0.18 | <0.14 | <0.18 | <0.26 | 441 | - | NP | 5.65 | 0.00 | 166.51 | 160.86 |
| 03/19/03 | 955 | <0.04 | <0.02 | <0.02 | <0.06 | 585 | - | NP | 6.34 | 0.00 | 166.51 | 160.17 |
| 06/11/03 | 945 | <0.04 | <0.02 | <0.02 | <0.06 | 328 | - | NP | 6.34 | 0.00 | 166.51 | 160.17 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.92 | 0.00 | 166.51 | 160.59 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 4.00 | 0.00 | 166.51 | 162.15 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 5.54 | 0.00 | 166.15 | 160.61 |
| 06/10/04 | 340 | 2.6 | 1.5 | <0.18 | 1.8 | 283 | - | NP | 6.12 | 0.00 | 166.15 | 160.03 |
| 09/02/04 | 1,720 | 4.9 | 8.2 | 8.7 | 7.7 | 633 | 410 | NP | 6.50 | 0.00 | 166.15 | 159.65 |
| 12/09/04 | 297,000 | 1,620 | 38,500 | 9,470 | 56,000 | 6,660 | 8,870 | NP | 4.48 | 0.00 | 166.15 | 161.67 |
| 03/16/05 | 55,000 | 630 | 9,470 | 1,590 | 10,100 | - | 4,480 | NP | 6.67 | 0.00 | 166.15 | 159.48 |
| 06/01/05 | 19,400 | 380 | 4,350 | 864 | 4,850 | 3,140 | 2,180 | NP | 5.14 | 0.00 | 166.15 | 161.01 |
| 09/14/05 | 1,730 | 31 | 1.2 J | <0.24 | 126 | - | 1,090 | NP | 3.99 | 0.00 | 166.15 | 162.16 |
| 12/06/05 | 8,040 | 143 | 30 J | 113 | 218 | - | 4,410 | NP | 4.38 | 0.00 | 166.15 | 161.77 |
| 03/15/06 | 166 | <0.32 | <0.10 | <0.24 | <0.30 | - | 117 | NP | 5.12 | 0.00 | 166.15 | 161.03 |
| 06/07/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 95 | NP | 5.15 | 0.00 | 166.15 | 161.00 |
| 09/26/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 35 | NP | 6.27 | 0.00 | 166.15 | 159.88 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | <0.63 | NP | 5.58 | 0.00 | 166.15 | 160.57 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|---------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|--------------------|--------------------|-------------------------|-----------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | KYLENE (ug/L) | MTBE - 8021 (ug/L) | MTBE - 8260 (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 | - | - | NP | 5.93 | 0.00 | 166.04 | 160.11 |
| 10/30/90 | 31,000 | 14,000 | ND | ND | ND | - | - | NP | 8.21 | 0.00 | 166.04 | 157.83 |
| 01/18/91 | - | - | - | - | - | - | - | NP | 11.80 | 0.00 | 166.04 | 154.24 |
| 02/12/91 | - | - | - | - | - | - | - | FILM | 10.80 | 0.00 | 166.04 | 155.24 |
| 03/20/91 | 120,000 | 12,000 | 2,800 | 490 | 6,600 | - | - | NP | 9.96 | 0.00 | 166.04 | 156.08 |
| 05/22/91 | - | - | - | - | - | - | - | FILM | 11.70 | 0.00 | 166.04 | 154.34 |
| 06/19/91 | - | - | - | - | - | - | - | FILM | 11.50 | 0.00 | 166.04 | 154.54 |
| 07/17/91 | - | - | - | - | - | - | - | FILM | 7.80 | 0.00 | 166.04 | 158.24 |
| 08/07/91 | - | - | - | - | - | - | - | 0.03 | 9.88 | 9.85 | 166.04 | 163.60 |
| 09/24/91 | - | - | - | - | - | - | - | 0.03 | 9.85 | 9.82 | 166.04 | 163.60 |
| 10/23/91 | - | - | - | - | - | - | - | FILM | 9.96 | 0.00 | 166.04 | 156.08 |
| 11/06/91 | - | - | - | - | - | - | - | FILM | 6.77 | 0.00 | 166.04 | 159.27 |
| 12/04/91 | - | - | - | - | - | - | - | FILM | 10.80 | 0.00 | 166.04 | 155.24 |
| 01/29/92 | - | - | - | - | - | - | - | FILM | 8.64 | 0.00 | 166.04 | 157.40 |
| 02/26/92 | - | - | - | - | - | - | - | FILM | 6.00 | 0.00 | 166.04 | 160.04 |
| 03/19/92 | - | - | - | - | - | - | - | FILM | 5.55 | 0.00 | 166.04 | 160.49 |
| 04/22/92 | - | - | - | - | - | - | - | FILM | 6.12 | 0.00 | 166.04 | 159.92 |
| 05/21/92 | - | - | - | - | - | - | - | FILM | 6.40 | 0.00 | 166.04 | 159.64 |
| 06/25/92 | - | - | - | - | - | - | - | 0.02 | 6.73 | 6.71 | 166.04 | 164.38 |
| 07/30/92 | - | - | - | - | - | - | - | FILM | 6.73 | 0.00 | 166.04 | 159.31 |
| 08/20/92 | - | - | - | - | - | - | - | FILM | 6.82 | 0.00 | 166.04 | 159.22 |
| 09/30/92 | - | - | - | - | - | - | - | FILM | 7.26 | 0.00 | 166.04 | 158.78 |
| 12/23/92 | - | - | - | - | - | - | - | FILM | 6.22 | 0.00 | 166.04 | 159.82 |
| 03/10/93 | - | - | - | - | - | - | - | FILM | 5.82 | 0.00 | 166.04 | 160.22 |
| 06/09/93 | - | - | - | - | - | - | - | FILM | 6.17 | 0.00 | 166.04 | 159.87 |
| 09/14/93 | - | - | - | - | - | - | - | NP | 11.33 | 0.00 | 166.04 | 154.71 |
| 12/14/93 | - | - | - | - | - | - | - | NP | 8.40 | 0.00 | 166.04 | 157.64 |
| 03/02/94 | - | - | - | - | - | - | - | NP | 6.82 | 0.00 | 166.04 | 159.22 |
| 06/06/94 | - | - | - | - | - | - | - | FILM | 10.95 | 0.00 | 166.04 | 155.09 |
| 09/06/94 | - | - | - | - | - | - | - | FILM | 11.30 | 0.00 | 166.04 | 154.74 |
| 12/07/94 | - | - | - | - | - | - | - | FILM | 5.63 | 0.00 | 166.04 | 160.41 |
| 03/08/95 | - | - | - | - | - | - | - | FILM | 5.06 | 0.00 | 166.04 | 160.98 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | - | FILM | 7.98 | 0.00 | 166.04 | 158.06 |
| 11/21/95 | 20,000 | 8,800 | 110 | <30 | 310 | - | - | NP | 7.32 | 0.00 | 166.04 | 158.72 |
| 03/11/96 | 4,800 | 2,200 | 38 | 26 | 120 | - | - | NP | 5.62 | 0.00 | 166.04 | 160.42 |
| 06/19/96 | 4,400 | 3,300 | 49 | 5.8 | 70 | - | - | NP | 6.40 | 0.00 | 166.04 | 159.64 |
| 09/19/96 | 7,200 | 510 | 83 | <0.3 | 710 | 130 | - | NP | 6.20 | 0.00 | 166.04 | 159.84 |
| 12/10/96 | 700 | <0.3 | <0.3 | <0.3 | <0.5 | 1,400 | - | NP | 5.92 | 0.00 | 166.04 | 160.12 |
| 03/12/97 | 660 | 0.31 | <0.3 | <0.3 | <0.5 | 1,200 | - | NP | 5.62 | 0.00 | 166.04 | 160.42 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 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 | - | NP | 7.45 | 0.00 | 166.04 | 158.59 |
| 12/09/97 | 14,000 | 3,500 | 3,700 | <15 | 2,100 | 1,100 | - | NP | 7.10 | 0.00 | 166.04 | 158.94 |
| 03/03/98 | 6,100 | 2,500 | 18 | <6 | 110 | 270 | - | NP | 6.70 | 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 | - | NP | 7.04 | 0.00 | 166.04 | 159.00 |
| 12/30/98 | 600 | 2.0 | 0.55 | <0.3 | <0.5 | 350 | - | NP | 6.25 | 0.00 | 166.04 | 159.79 |
| 03/15/99 | 350 | 0.71 | <0.3 | <0.3 | <0.5 | 140 | - | NP | 6.02 | 0.00 | 166.04 | 160.02 |
| 06/22/99 | 5,900 | 2,100 | 16 | 4.6 | 48 | 170 | - | NP | 6.35 | 0.00 | 166.04 | 159.69 |
| 09/08/99 | 1,700 | 380 | <3 | <3 | 13 | 160 | - | NP | 7.03 | 0.00 | 166.04 | 159.01 |
| 12/01/99 | 930 | 3.7 | <0.3 | <0.3 | <0.5 | 390 | - | NP | 6.25 | 0.00 | 166.04 | 159.79 |
| 03/23/00 | 581 | 5.4 | 5.3 | 1.9 | 7.3 | 168 | 183 | NP | 6.24 | 0.00 | 166.04 | 159.80 |
| 06/08/00 | <100 | <5 | <5 | <5 | <5 | - | 74 | NP | 6.64 | 0.00 | 166.04 | 159.40 |
| 09/27/00 | 236 | <0.18 | <0.14 | <0.18 | <0.26 | 21 | 28 | NP | 7.03 | 0.00 | 166.04 | 159.01 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 13 | 19.8 | NP | 6.63 | 0.00 | 166.04 | 159.41 |
| 03/22/01 | 504 | <0.18 | <0.14 | <0.18 | 1.0 | 666 | 1,420 | NP | 7.02 | 0.00 | 166.04 | 159.02 |
| 06/15/01 | 144 | 5.0 | <0.14 | 0.5 | 2.0 | 369 | 408 | NP | 7.02 | 0.00 | 166.04 | 159.02 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.79 | 0.00 | 166.04 | 158.25 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.28 | 0.00 | 166.04 | 158.76 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.02 | 0.00 | 166.04 | 160.02 |
| 06/12/02 | 5,130 | 772 | 970 | 59 | 550 | 113 | - | NP | 7.79 | 0.00 | 166.04 | 158.25 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.40 | 0.00 | 166.04 | 158.64 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 6.63 | 0.00 | 166.04 | 159.41 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 7.40 | 0.00 | 166.04 | 158.64 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | 8.3 | - | NP | 7.40 | 0.00 | 166.04 | 158.64 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 7.39 | 0.00 | 166.04 | 158.65 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 6.63 | 0.00 | 166.04 | 158.70 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 6.63 | 0.00 | 165.33 | 158.70 |
| 06/10/04 | 14,500 | 348 | 1,460 | 306 | 3,070 | 207 | - | NP | 6.20 | 0.00 | 165.33 | 159.13 |
| 09/02/04 | 35,900 | 2,390 | 174 | 1,250 | 8,020 | 419 | 274 | NP | 7.05 | 0.00 | 165.33 | 158.28 |
| 12/08/04 | 276,000 | 4,380 | 34,800 | 5,370 | 25,000 | 59,600 | 70,500 | NP | 3.80 | 0.00 | 165.33 | 161.53 |
| 03/16/05 | 114,000 | 2,840 | 19,400 | 2,760 | 14,400 | - | 29,300 | NP | 6.64 | 0.00 | 165.33 | 158.69 |
| 06/01/05 | 45,200 | 1,860 | 8,690 | 1,180 | 4,980 | 38,000 | 24,100 | NP | 7.06 | 0.00 | 165.33 | 158.27 |
| 09/14/05 | 33,900 | 770 | 943 | <12 | 3,160 | - | 24,500 | NP | 7.02 | 0.00 | 165.33 | 158.31 |
| 12/06/05 | 25,600 | <16 | <5 | <12 | <15 | - | 22,300 | NP | 3.96 | 0.00 | 165.33 | 161.37 |
| 03/15/06 | 11,700 | 73 | <1.0 | 143 | 22.1 | - | 10,200 | NP | 7.05 | 0.00 | 165.33 | 158.28 |
| 06/07/06 | 5,090 | <3.2 | 852 | 223 | 1,040 | - | <6.3 | NP | 7.01 | 0.00 | 165.33 | 158.32 |
| 09/26/06 | 112 | <0.32 | <0.10 | <0.24 | <0.30 | - | 15 | NP | 5.43 | 0.00 | 165.33 | 159.90 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | 18 | NP | 5.12 | 0.00 | 165.33 | 160.21 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| MONITORING WELL #RS-3 | | | | | | | | | | | | |
| <i>Screen Interval = 5 to 25 feet</i> | | | | | | | | | | | | |
| 08/07/91 | ND | ND | ND | ND | ND | - | - | NP | 9.68 | 0.00 | 164.32 | 154.64 |
| 09/27/91 | ND | ND | ND | ND | ND | - | - | NP | 9.89 | 0.00 | 164.32 | 154.43 |
| 10/23/91 | ND | ND | ND | ND | ND | - | - | NP | 10.05 | 0.00 | 164.32 | 154.27 |
| 11/06/91 | ND | ND | ND | ND | ND | - | - | NP | 9.71 | 0.00 | 164.32 | 154.61 |
| 12/04/91 | ND | ND | ND | ND | ND | - | - | NP | 10.00 | 0.00 | 164.32 | 154.32 |
| 01/29/92 | ND | 2.1 | 1.0 | 2.5 | 3.6 | - | - | NP | 9.28 | 0.00 | 164.32 | 155.04 |
| 02/26/92 | ND | ND | 0.7 | ND | 0.7 | - | - | NP | 7.05 | 0.00 | 164.32 | 157.27 |
| 03/19/92 | ND | 0.5 | 1.0 | 1.5 | 2.7 | - | - | NP | 7.30 | 0.00 | 164.32 | 157.02 |
| 04/22/92 | ND | ND | ND | ND | ND | - | - | NP | 8.60 | 0.00 | 164.32 | 155.72 |
| 05/21/92 | ND | ND | ND | ND | ND | - | - | NP | 9.22 | 0.00 | 164.32 | 155.10 |
| 06/25/92 | ND | ND | ND | ND | ND | - | - | NP | 9.49 | 0.00 | 164.32 | 154.83 |
| 07/30/92 | ND | 1.1 | 4.2 | ND | 3.0 | - | - | NP | 9.55 | 0.00 | 164.32 | 154.77 |
| 08/20/92 | ND | 2.0 | 4.7 | ND | 5.7 | - | - | NP | 9.63 | 0.00 | 164.32 | 154.69 |
| 09/30/92 | ND | ND | ND | ND | ND | - | - | NP | 9.90 | 0.00 | 164.32 | 154.42 |
| 12/23/92 | ND | ND | ND | ND | ND | - | - | NP | 9.96 | 0.00 | 164.32 | 154.36 |
| 05/10/93 | ND | ND | ND | ND | ND | - | - | NP | 8.95 | 0.00 | 164.32 | 155.37 |
| 06/09/93 | ND | ND | ND | ND | ND | - | - | NP | 9.00 | 0.00 | 164.32 | 155.32 |
| 09/14/93 | 200 | 0.3 | ND | ND | ND | - | - | NP | 9.50 | 0.00 | 164.32 | 154.82 |
| 12/14/93 | ND | ND | ND | ND | ND | - | - | NP | 8.75 | 0.00 | 164.32 | 155.57 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 7.52 | 0.00 | 164.32 | 156.80 |
| 06/06/94 | 54 | <0.3 | <0.3 | <0.3 | 2.4 | - | - | NP | 9.00 | 0.00 | 164.32 | 155.32 |
| 09/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 9.26 | 0.00 | 164.32 | 155.06 |
| 12/07/94 | 130 | 2.5 | 1.9 | 1.3 | 3.6 | - | - | NP | 8.67 | 0.00 | 164.32 | 155.65 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 8.34 | 0.00 | 164.32 | 155.98 |
| 06/15/95 | <100 | 1.0 | <0.5 | <0.5 | <1 | - | - | NP | 9.12 | 0.00 | 164.32 | 155.20 |
| 09/05/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 9.56 | 0.00 | 164.32 | 154.76 |
| 11/21/95 | <50 | 0.44 | <0.3 | <0.3 | 1.5 | - | - | NP | 9.28 | 0.00 | 164.32 | 155.04 |
| 03/11/96 | <50 | 1.3 | <0.3 | <0.3 | 0.6 | - | - | NP | 7.52 | 0.00 | 164.32 | 156.80 |
| 06/19/96 | 640 | 72 | 20 | 34 | 150 | - | - | NP | 7.80 | 0.00 | 164.32 | 156.52 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 20 | - | NP | 9.18 | 0.00 | 164.32 | 155.14 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 6.08 | 0.00 | 164.32 | 158.24 |
| 03/12/97 | 53 | 0.45 | <0.3 | <0.3 | <0.5 | 140 | - | NP | 8.65 | 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 | - | NP | 8.30 | 0.00 | 164.32 | 156.02 |
| 12/09/97 | <50 | 1.7 | 2.1 | <0.3 | 1.4 | 82 | - | NP | 9.98 | 0.00 | 164.32 | 154.34 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 84 | - | NP | 8.33 | 0.00 | 164.32 | 155.99 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 97 | - | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 97 | - | NP | 12.95 | 0.00 | 164.32 | 151.37 |
| 12/30/98 | <50 | 1.3 | 1.5 | <0.3 | 0.86 | 19 | - | NP | 11.35 | 0.00 | 164.32 | 152.97 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 9.6 | - | NP | 9.85 | 0.00 | 164.32 | 154.47 |
| 06/22/99 | 66 | 0.39 | <0.3 | <0.3 | <0.5 | 62 | - | NP | 9.90 | 0.00 | 164.32 | 154.42 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ng/L) | MTBE - 8260 (ng/L) | | | | | |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 25 | - | NP | 9.85 | 0.00 | 164.32 | 154.47 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 30 | - | NP | 8.30 | 0.00 | 164.32 | 156.02 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | 13.6 | 18.2 | NP | 6.76 | 0.00 | 164.32 | 157.56 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | 10 | 10 | NP | 8.30 | 0.00 | 164.32 | 156.02 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 6.0 | 4.9 | NP | 8.30 | 0.00 | 164.32 | 156.02 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 8.28 | 0.00 | 164.32 | 156.04 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 12.89 | 0.00 | 164.32 | 151.43 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 12.89 | 0.00 | 164.32 | 151.43 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.82 | 0.00 | 164.32 | 154.50 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.25 | 0.00 | 164.32 | 155.07 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 12.89 | 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 | - | - | - | - | - | - | - | NP | 6.78 | 0.00 | 164.03 | 157.25 |
| 03/18/04 | - | - | - | - | - | - | - | NP | 9.65 | 0.00 | 164.03 | 154.38 |
| 06/09/04 | - | - | - | - | - | - | - | NP | 6.86 | 0.00 | 164.03 | 157.17 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 8.23 | 0.00 | 164.03 | 155.80 |
| 12/08/04 | - | - | - | - | - | - | - | NP | 6.76 | 0.00 | 164.03 | 157.27 |
| 03/16/05 | - | - | - | - | - | - | - | NP | 8.29 | 0.00 | 164.03 | 155.74 |
| 06/01/05 | - | - | - | - | - | - | - | NP | 9.83 | 0.00 | 164.03 | 154.20 |
| 09/14/05 | - | - | - | - | - | - | - | NP | 6.76 | 0.00 | 164.03 | 157.27 |
| 12/06/05 | - | - | - | - | - | - | - | NP | 6.76 | 0.00 | 164.03 | 157.27 |
| 03/15/06 | - | - | - | - | - | - | - | NP | 9.83 | 0.00 | 164.03 | 154.20 |
| 06/07/06 | 233 | <0.32 | <0.10 | <0.24 | 2.3 J | - | 445 | NP | 9.83 | 0.00 | 164.03 | 154.20 |
| 09/26/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 8.54 | 0.00 | 164.03 | 155.49 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | <0.63 | NP | 9.81 | 0.00 | 164.03 | 154.22 |
| MONITORING WELL #RS-9 | | | | | | | | | | | | |
| <i>Screen Interval = 5 to 15 feet</i> | | | | | | | | | | | | |
| 08/07/91 | - | 0.5 | ND | 330 | 1,200 | - | - | NP | 2.28 | 0.00 | 167.51 | 165.23 |
| 09/27/91 | 13,000 | 3.5 | 3.0 | 82 | 140 | - | - | NP | 2.77 | 0.00 | 167.51 | 164.74 |
| 10/23/91 | 11,000 | ND | ND | 39 | 340 | - | - | NP | 3.53 | 0.00 | 167.51 | 163.98 |
| 11/06/91 | 6,800 | 8.4 | 0.6 | 22 | 230 | - | - | NP | 2.51 | 0.00 | 167.51 | 165.00 |
| 12/04/91 | 6,500 | 6.5 | 0.7 | 87 | 200 | - | - | NP | 3.20 | 0.00 | 167.51 | 164.31 |
| 01/29/92 | 8,100 | 22 | 10 | 140 | 260 | - | - | NP | 2.65 | 0.00 | 167.51 | 164.86 |
| 02/26/92 | 13,000 | 40 | 16 | 220 | 600 | - | - | NP | 3.42 | 0.00 | 167.51 | 164.09 |
| 03/19/92 | 12,000 | 21 | 12 | 100 | 280 | - | - | NP | 3.12 | 0.00 | 167.51 | 164.39 |
| 04/22/92 | 8,600 | ND | ND | 20 | 37 | - | - | NP | 3.24 | 0.00 | 167.51 | 164.27 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 05/21/92 | 6,000 | 21 | 10 | 53 | 210 | - | - | NP | 3.75 | 0.00 | 167.51 | 163.76 |
| 06/25/92 | 370 | 2.3 | 1.5 | 0.7 | 4.3 | - | - | NP | 2.65 | 0.00 | 167.51 | 164.86 |
| 07/30/92 | 3,600 | 20 | ND | 39 | 80 | - | - | NP | 2.70 | 0.00 | 167.51 | 164.81 |
| 08/20/92 | 3,000 | 0.7 | 5.2 | 2.0 | 5.3 | - | - | NP | 2.83 | 0.00 | 167.51 | 164.68 |
| 09/30/92 | 9,200 | 4.8 | 6.5 | 12 | 91 | - | - | NP | 2.80 | 0.00 | 167.51 | 164.71 |
| 12/23/92 | 2,000 | 17 | ND | 8.2 | 18 | - | - | NP | 2.45 | 0.00 | 167.51 | 165.06 |
| 03/10/93 | 1,500 | ND | 2.6 | 21 | 12 | - | - | NP | 2.40 | 0.00 | 167.51 | 165.11 |
| 06/09/93 | 1,300 | 0.6 | 1.7 | ND | 7.5 | - | - | NP | 3.55 | 0.00 | 167.51 | 163.96 |
| 09/14/93 | 1,500 | 1.3 | 7.6 | 4.1 | 14 | - | - | NP | 2.81 | 0.00 | 167.51 | 164.70 |
| 12/14/93 | 560 | ND | ND | ND | 5.5 | - | - | NP | 2.63 | 0.00 | 167.51 | 164.88 |
| 03/02/94 | 1,100 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 2.60 | 0.00 | 167.51 | 164.91 |
| 06/06/94 | 290 | 0.58 | 0.53 | 1.1 | 5.8 | - | - | NP | 2.52 | 0.00 | 167.51 | 164.99 |
| 09/06/94 | 890 | <0.3 | <0.3 | <0.3 | 3.1 | - | - | NP | 3.16 | 0.00 | 167.51 | 164.35 |
| 12/07/94 | 940 | 22 | 23 | 10 | 32 | - | - | NP | 5.18 | 0.00 | 167.51 | 162.33 |
| 03/08/95 | 1,600 | <0.5 | <0.5 | <0.5 | 2.3 | - | - | NP | 4.57 | 0.00 | 167.51 | 162.94 |
| 06/15/95 | 3,200 | 2.2 | 5.3 | 4.3 | 3.1 | - | - | NP | 5.08 | 0.00 | 167.51 | 162.43 |
| 09/05/95 | 1,100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 5.72 | 0.00 | 167.51 | 161.79 |
| 11/21/95 | 1,100 | 1.1 | 2.9 | 3.5 | 3.0 | - | - | NP | 2.46 | 0.00 | 167.51 | 165.05 |
| 03/11/96 | 440 | 0.7 | 0.34 | <0.3 | 3.7 | - | - | NP | 3.44 | 0.00 | 167.51 | 164.07 |
| 06/19/96 | 580 | 3.8 | 0.49 | 1.2 | <0.5 | - | - | NP | 3.80 | 0.00 | 167.51 | 163.71 |
| 09/16/96 | 490 | <0.3 | 1.6 | <0.3 | <0.5 | <20 | - | NP | 3.80 | 0.00 | 167.51 | 163.71 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 2.76 | 0.00 | 167.51 | 164.75 |
| 03/12/97 | <50 | <0.3 | 0.42 | <0.3 | 1.5 | <20 | - | NP | 3.20 | 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 | - | NP | 4.24 | 0.00 | 167.51 | 163.27 |
| 12/09/97 | <50 | <0.3 | 0.48 | <0.3 | <0.5 | <20 | - | NP | 2.72 | 0.00 | 167.51 | 164.79 |
| 03/03/98 | 190 | <0.3 | <0.3 | 0.38 | <0.5 | <20 | - | NP | 1.90 | 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 | - | NP | 2.72 | 0.00 | 167.51 | 164.79 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 1.20 | 0.00 | 167.51 | 166.31 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.25 | 0.00 | 167.51 | 163.26 |
| 06/22/99 | 1,300 | 4.2 | 1.2 | 0.69 | 0.74 | <5 | - | NP | 3.70 | 0.00 | 167.51 | 163.81 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 2.71 | 0.00 | 167.51 | 164.80 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 2.70 | 0.00 | 167.51 | 164.81 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 2.70 | 0.00 | 167.51 | 164.81 |
| 06/08/00 | 585 | <5 | <5 | <5 | <5 | - | 821 | NP | 2.72 | 0.00 | 167.51 | 164.79 |
| 09/27/00 | 592 | <0.18 | <0.14 | <0.18 | <0.26 | 1,180 | 1,360 | NP | 2.72 | 0.00 | 167.51 | 164.79 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 403 | 444 | NP | 2.70 | 0.00 | 167.51 | 164.81 |
| 03/22/01 | 425 | <0.18 | <0.14 | <0.18 | <0.26 | 738 | 1,640 | NP | 2.69 | 0.00 | 167.51 | 164.82 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 2.68 | 0.00 | 167.51 | 164.83 |
| 08/30/01 | 164 | <0.18 | <0.14 | <0.18 | <0.26 | 396 | 284 | NP | 2.68 | 0.00 | 167.51 | 164.83 |
| 12/12/01 | * 1,540 | <0.18 | <0.14 | * <0.18 | <0.26 | 4,370 | * 2,480 | NP | 2.41 * | 0.00 | 167.51 | * 165.10 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - R021 (ug/L) | MTBE - R260 (ug/L) | | | | | |
| 03/13/02 | 1,540 | <0.18 | <0.14 | <0.18 | <0.26 | 3,360 | - | NP | 2.68 | 0.00 | 167.51 | 164.83 |
| 06/12/02 | 2,020 | 1.0 | 3.0 | 1.0 | 3.0 | 3,280 | - | NP | 4.21 | 0.00 | 167.51 | 163.30 |
| 09/18/02 | 915 | <0.18 | <0.14 | <0.18 | <0.26 | 768 | - | NP | 4.21 | 0.00 | 167.51 | 163.30 |
| 12/18/02 | 1,070 | <0.18 | <0.14 | <0.18 | <0.26 | 960 | - | NP | 2.68 | 0.00 | 167.51 | 164.83 |
| 03/19/03 | 1,600 | <0.04 | <0.02 | <0.02 | <0.06 | 836 | - | NP | 4.21 | 0.00 | 167.51 | 163.30 |
| 06/11/03 | 1,960 | <0.04 | <0.02 | <0.02 | <0.06 | 583 | - | NP | 4.21 | 0.00 | 167.51 | 163.30 |
| 09/04/03 | 117 | <0.22 | <0.32 | <0.31 | 13 | - | 8.3 | NP | 4.21 | 0.00 | 167.51 | 163.30 |
| 12/04/03 | 19,200 | 5,270 | 6,550 | 144 | 2,540 | 217 | - | NP | 1.16 | 0.00 | 167.05 | 165.89 |
| 03/18/04 | 193 | 7.5 | 18 | 1.4 J | 6.1 | - | 127 | NP | 2.68 | 0.00 | 167.05 | 164.37 |
| 06/10/04 | 159 | <0.14 | 3.3 | 1.9 | 2.5 | <0.22 | - | NP | 3.74 | 0.00 | 167.05 | 163.31 |
| 09/02/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | - | NP | 3.68 | 0.00 | 167.05 | 163.37 |
| 12/09/04 | <15 | 1.2 | 2.1 | <0.18 | 0.99 | <0.22 | - | NP | 1.20 | 0.00 | 167.05 | 165.85 |
| 03/16/05 | <15 | <0.22 | 1.1 J | <0.31 | <0.4 | - | 2.1 | NP | 4.21 | 0.00 | 167.05 | 162.84 |
| 06/01/05 | <2.9 | <0.17 | <0.22 | <0.14 | 0.94 | 2.97 J | 1.5 | NP | 2.71 | 0.00 | 167.05 | 164.34 |
| 09/14/05 | 63 | <0.32 | <0.10 | <0.24 | <0.30 | - | 36 | NP | 4.21 | 0.00 | 167.05 | 162.84 |
| 12/06/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.3 | - | 32 | NP | 1.14 | 0.00 | 167.05 | 165.91 |
| 03/15/06 | <5.6 | <0.32 | <0.10 | <0.24 | 1.6 J | - | 17 | NP | 2.71 | 0.00 | 167.05 | 164.34 |
| 06/07/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | 8.7 | NP | 2.66 | 0.00 | 167.05 | 164.39 |
| 09/26/06 | <5.6 | <0.32 | 1.3 J | <0.24 | <0.30 | - | <0.63 | NP | 5.06 | 0.00 | 167.05 | 161.99 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | <0.63 | NP | 4.21 | 0.00 | 167.05 | 162.84 |
| MONITORING WELL #RS-10 | | | | | | | | | | | | |
| <i>Screen Interval = 5 to 25 feet</i> | | | | | | | | | | | | |
| 08/07/91 | ND | ND | ND | ND | ND | - | - | NP | 6.16 | 0.00 | 162.89 | 156.73 |
| 09/27/91 | ND | ND | ND | ND | ND | - | - | NP | 6.48 | 0.00 | 162.89 | 156.41 |
| 10/23/91 | ND | ND | ND | ND | ND | - | - | NP | 7.37 | 0.00 | 162.89 | 155.52 |
| 11/06/91 | ND | ND | ND | ND | ND | - | - | NP | 6.44 | 0.00 | 162.89 | 156.45 |
| 12/04/91 | ND | ND | ND | ND | ND | - | - | NP | 7.02 | 0.00 | 162.89 | 155.87 |
| 01/29/92 | ND | ND | ND | ND | ND | - | - | NP | 6.78 | 0.00 | 162.89 | 156.11 |
| 02/26/92 | ND | ND | ND | ND | ND | - | - | NP | 8.33 | 0.00 | 162.89 | 154.56 |
| 03/19/92 | ND | ND | ND | ND | 0.6 | - | - | NP | 8.02 | 0.00 | 162.89 | 154.87 |
| 04/22/92 | ND | ND | ND | ND | ND | - | - | NP | 7.78 | 0.00 | 162.89 | 155.11 |
| 05/21/92 | ND | ND | 0.6 | ND | 1.2 | - | - | NP | 6.21 | 0.00 | 162.89 | 156.68 |
| 06/25/92 | ND | ND | ND | ND | ND | - | - | NP | 7.73 | 0.00 | 162.89 | 155.16 |
| 07/30/92 | ND | ND | 0.5 | ND | 1.0 | - | - | NP | 7.84 | 0.00 | 162.89 | 155.05 |
| 08/20/92 | ND | ND | ND | ND | ND | - | - | NP | 7.50 | 0.00 | 162.89 | 155.39 |
| 09/30/92 | ND | ND | ND | ND | ND | - | - | NP | 7.63 | 0.00 | 162.89 | 155.26 |
| 12/23/92 | ND | ND | ND | ND | ND | - | - | NP | 7.24 | 0.00 | 162.89 | 155.65 |
| 03/10/93 | ND | ND | ND | ND | ND | - | - | NP | 6.38 | 0.00 | 162.89 | 156.51 |
| 06/09/93 | ND | ND | ND | ND | ND | - | - | NP | 7.98 | 0.00 | 162.89 | 154.91 |
| 09/14/93 | ND | ND | ND | ND | ND | - | - | NP | 7.35 | 0.00 | 162.89 | 155.54 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.3 | - | - | NP | 7.00 | 0.00 | 162.89 | 155.89 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ng/L) | MTBE - 8260 (ng/L) | | | | | |
| 06/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 6.55 | 0.00 | 162.89 | 156.34 |
| 09/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 7.63 | 0.00 | 162.89 | 155.26 |
| 12/07/94 | 56 | <0.3 | <0.3 | <0.5 | 2.1 | - | - | NP | 5.92 | 0.00 | 162.89 | 156.97 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 7.84 | 0.00 | 162.89 | 155.05 |
| 06/15/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 6.97 | 0.00 | 162.89 | 155.92 |
| 09/05/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 8.14 | 0.00 | 162.89 | 154.75 |
| 11/21/95 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 7.68 | 0.00 | 162.89 | 155.21 |
| 03/11/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 6.76 | 0.00 | 162.89 | 156.13 |
| 06/19/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | NP | 7.20 | 0.00 | 162.89 | 155.69 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 6.30 | 0.00 | 162.89 | 156.59 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 6.05 | 0.00 | 162.89 | 156.84 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 7.56 | 0.00 | 162.89 | 155.33 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 7.55 | 0.00 | 162.89 | 155.34 |
| 12/09/97 | 1,900 | 610 | 510 | <6 | 290 | <20 | - | NP | 7.55 | 0.00 | 162.89 | 155.34 |
| 03/03/98 | <50 | 2.0 | <0.3 | <0.3 | <0.5 | 27 | - | NP | 6.03 | 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 | - | NP | 7.55 | 0.00 | 162.89 | 155.34 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 4.45 | 0.00 | 162.89 | 158.44 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | 1.3 | <5 | - | NP | 4.50 | 0.00 | 162.89 | 158.39 |
| 06/22/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 9.15 | 0.00 | 162.89 | 153.74 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 7.51 | 0.00 | 162.89 | 155.38 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 5.97 | 0.00 | 162.89 | 156.92 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | - | NP | 4.47 | 0.00 | 162.89 | 158.42 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | - | NP | 5.97 | 0.00 | 162.89 | 156.92 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.50 | 0.00 | 162.89 | 155.39 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 5.94 | 0.00 | 162.89 | 156.95 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.51 | 0.00 | 162.89 | 155.38 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.50 | 0.00 | 162.89 | 155.39 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.05 | 0.00 | 162.89 | 153.84 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.65 | 0.00 | 162.89 | 155.24 |
| 03/13/02 | - | - | - | - | - | - | - | NP | 9.05 | 0.00 | 162.89 | 153.84 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/18/04 | - | - | - | - | - | - | - | NP | 5.98 | 0.00 | 162.43 | 156.45 |
| 06/09/04 | - | - | - | - | - | - | - | NP | 8.85 | 0.00 | 162.43 | 153.58 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 6.27 | 0.00 | 162.43 | 156.16 |
| 09/02/04 | - | - | - | - | - | - | - | NP | 6.17 | 0.00 | 162.43 | 156.20 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 12/08/04 | - | - | - | - | - | - | - | NP | 6.00 | 0.00 | 162.43 | 156.43 |
| 03/16/05 | - | - | - | - | - | - | - | NP | 9.05 | 0.00 | 162.43 | 153.38 |
| 06/01/05 | - | - | - | - | - | - | - | NP | 7.49 | 0.00 | 162.43 | 154.94 |
| 09/14/05 | - | - | - | - | - | - | - | NP | 7.49 | 0.00 | 162.43 | 154.94 |
| 12/06/05 | - | - | - | - | - | - | - | NP | 5.96 | 0.00 | 162.43 | 156.47 |
| 03/15/06 | - | - | - | - | - | - | - | NP | 7.52 | 0.00 | 162.43 | 154.91 |
| 06/07/06 | - | - | - | - | - | - | - | NP | 9.06 | 0.00 | 162.43 | 153.37 |
| 09/26/06 | - | - | - | - | - | - | - | NP | 5.96 | 0.00 | 162.43 | 156.47 |
| 12/05/06 | - | - | - | - | - | - | - | NP | 5.95 | 0.00 | 162.43 | 156.48 |
| MONITORING WELL #RS-11 <i>Screen Interval = 5 to 25 feet</i> | | | | | | | | | | | | |
| 09/21/95 | 110 | <0.5 | <0.5 | <0.5 | <1 | - | - | NP | 9.37 | 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 | - | - | - | - | - | - |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | NP | 7.75 | 0.00 | 163.28 | 155.53 |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - | - |
| 12/09/97 | <50 | 0.79 | 1.2 | <0.3 | <0.5 | <20 | - | NP | 9.50 | 0.00 | 163.28 | 153.78 |
| 03/03/98 | 140 | 22 | 0.63 | <0.3 | <0.5 | <20 | - | NP | 7.93 | 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 | - | - | - | - | - | - |
| 12/30/98 | <50 | 1.3 | 0.87 | <0.3 | 0.55 | <5 | - | NP | 9.48 | 0.00 | 163.28 | 153.80 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | NP | 7.95 | 0.00 | 163.28 | 155.33 |
| 06/22/99 | 350 | 89 | 2.9 | 3.3 | 0.91 | 6.8 | - | NP | 6.40 | 0.00 | 163.28 | 156.88 |
| 09/08/99 | 99 | 9.1 | 0.37 | <0.3 | <0.5 | <5 | - | NP | 11.00 | 0.00 | 163.28 | 152.28 |
| 12/01/99 | 82 | 9.7 | 0.44 | <0.3 | <0.5 | <5 | - | NP | 7.90 | 0.00 | 163.28 | 155.38 |
| 03/23/00 | 73 | 5.8 | 2.3 | <0.25 | <0.5 | 11.2 | 7.9 | NP | 7.90 | 0.00 | 163.28 | 155.38 |
| 06/08/00 | 306 | <5 | <5 | <5 | <5 | - | <5 | NP | 4.85 | 0.00 | 163.28 | 158.43 |
| 09/27/00 | <50 | 1.0 | <0.14 | <0.18 | <0.26 | 3.0 J | 3.6 | NP | 7.90 | 0.00 | 163.28 | 155.38 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.44 | 0.00 | 163.28 | 153.84 |
| 03/22/01 | 408 | <0.18 | <0.14 | <0.18 | <0.26 | 664 | 941 | NP | 6.34 | 0.00 | 163.28 | 156.94 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.96 | 0.00 | 163.28 | 155.32 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.87 | 0.00 | 163.28 | 155.41 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.41 | 0.00 | 163.28 | 153.87 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 7.86 | 0.00 | 163.28 | 155.42 |
| 06/12/02 | <50 | <0.18 | 1.0 | <0.18 | <0.26 | <0.24 | - | NP | 7.85 | 0.00 | 163.28 | 155.43 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.39 | 0.00 | 163.28 | 153.89 |
| 12/18/02 | 110 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | - | NP | 9.38 | 0.00 | 163.28 | 153.90 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 6.32 | 0.00 | 163.28 | 156.96 |
| | | | | | | | | | 9.39 | 0.00 | 163.28 | 153.89 |

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

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | | DEPTH TO PRODUCT (feet) | DEPTH TO GROUNDWATER (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 - 8021 (ug/L) | MTBE - 8260 (ug/L) | | | | | |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | 20 | - | NP | 9.39 | 0.00 | 163.28 | 153.89 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 7.85 | 0.00 | 163.28 | 155.43 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | - | NP | 6.32 | 0.00 | 162.71 | 156.39 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | <0.18 | NP | 9.39 | 0.00 | 162.71 | 153.32 |
| 06/10/04 | 1,080 | 48 | 3.8 | 30 | 1.8 | 68 | - | NP | 6.87 | 0.00 | 162.71 | 155.84 |
| 09/02/04 | 1,600 | 94 | 5.9 | 4.3 | 3.8 | 185 | 78 | NP | 7.07 | 0.00 | 162.71 | 155.64 |
| 12/09/04 | <15 | 1.2 | 1.3 | <0.18 | <0.45 | 22 | <0.18 | NP | 6.34 | 0.00 | 162.71 | 156.37 |
| 03/16/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | - | 16 | NP | 7.85 | 0.00 | 162.71 | 154.86 |
| 06/01/05 | <2.9 | 0.97 | 1.4 | <0.14 | 2.0 | 22 | 16.3 | NP | 7.88 | 0.00 | 162.71 | 154.83 |
| 09/14/05 | 133 | <0.32 | <0.10 | <0.24 | <0.30 | - | 79 | NP | 7.84 | 0.00 | 162.71 | 154.87 |
| 12/06/05 | 905 | 16.00 | 3.1 J | 11.0 | 23 | - | 578 | NP | 6.32 | 0.00 | 162.71 | 156.39 |
| 03/15/06 | 426 | <0.32 | <0.10 | <0.24 | <0.30 | - | 336 | NP | 7.89 | 0.00 | 162.71 | 154.82 |
| 06/07/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 7.83 | 0.00 | 162.71 | 154.88 |
| 09/26/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.30 | - | <0.63 | NP | 6.32 | 0.00 | 162.71 | 156.39 |
| 12/05/06 | <5.6 | <0.32 | <0.10 | <0.24 | <0.3 | - | <0.63 | NP | 6.30 | 0.00 | 162.71 | 156.41 |

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 3/16/05, 3/18/04, 9/4/03 & 6/8/00, BTEX and MTBE analyzed by EPA Method 8260B

DTB - 4TH QTR.

TABLE 2
Vapor Extraction Operating Data
Thrifty Oil Station # 054, CASTRO VALLEY, CA

| Month | Representative Date | Hour Meter Reading (hrs) | Operation Duration (hrs) | Inlet | | Hydrocarbons Removed | | Remark |
|--------|---------------------|--------------------------|--------------------------|--------------------|--------------------------|----------------------|------------------|----------------------------|
| | | | | Average Flow (cfm) | Average FID Conc. (ppmv) | Period (lbs) | Cumulative (lbs) | |
| Jan-91 | 1/9/1991 | 929 | 0 | 30 | est. 10,000 | 0.0 | 0 | |
| Feb-91 | 2/6/1991 | 979 | 50 | 30 | est. 10,000 | 38.0 | 38 | |
| Mar-91 | 3/6/1991 | 1,028 | 49 | 5 | est. 10,000 | 6.2 | 44 | System off 4/91 - 9/91 |
| Oct-91 | 10/23/1991 | 1,786 | 758 | 15 | est. 10,000 | 288.0 | 332 | |
| Nov-91 | 11/6/1991 | 1,789 | 3 | 14 | est. 10,000 | 1.1 | 333 | |
| Dec-91 | 12/4/1991 | 1,896 | 107 | 14 | est. 10,000 | 37.9 | 371 | |
| Jan-92 | 1/29/1992 | 2,025 | 129 | 14 | est. 10,000 | 45.7 | 417 | |
| Feb-92 | 2/26/1999 | 2,293 | 268 | 14 | est. 10,000 | 95.0 | 512 | System off 3/92 - 7/92 |
| Aug-93 | 8/11/1993 | 2,293 | 0 | 18 | est. 10,000 | 0.0 | 512 | |
| Sep-93 | 9/8/1993 | 2,446 | 153 | 17 | est. 10,000 | 65.9 | 578 | |
| Oct-93 | 10/7/1993 | 2,980 | 514 | 18 | est. 10,000 | 234.4 | 812 | |
| Nov-93 | 11/3/1993 | 3,381 | 421 | 18 | est. 10,000 | 191.9 | 1,004 | |
| Dec-93 | 12/1/1993 | 3,705 | 324 | 18 | est. 10,000 | 147.7 | 1,152 | |
| Jan-94 | 1/3/1994 | 4,313 | 608 | 18 | est. 10,000 | 277.2 | 1,429 | |
| Feb-94 | 2/7/1994 | 4,849 | 536 | 17 | 10,000 | 230.8 | 1,660 | |
| Mar-94 | 3/7/1994 | 5,196 | 347 | 20 | 10,000 | 175.8 | 1,836 | |
| Apr-94 | 4/4/1994 | 5,597 | 401 | 16 | 10,000 | 162.5 | 1,998 | |
| May-94 | 5/2/1994 | 6,003 | 406 | 17 | est. 10,000 | 174.8 | 2,173 | |
| Jun-94 | 6/6/1994 | 6,514 | 511 | 16 | 10,000 | 207.1 | 2,380 | |
| Jul-94 | 7/18/1994 | 6,679 | 165 | 15 | 10,000 | 62.7 | 2,443 | |
| Aug-94 | 8/1/1994 | 6,735 | 56 | 16 | est. 10,000 | 22.7 | 2,466 | |
| Sep-94 | 9/20/1994 | 7,340 | 605 | 16 | est. 10,000 | 245.2 | 2,711 | |
| Oct-94 | 10/5/1994 | 7,554 | 214 | 15 | est. 10,000 | 81.3 | 2,792 | |
| Dec-94 | 12/13/1994 | 7,656 | 102 | 15 | est. 10,000 | 38.8 | 2,831 | |
| Jan-95 | 1/6/1995 | 7,742 | 86 | 12 | est. 10,000 | 26.1 | 2,857 | |
| Feb-95 | 2/14/1995 | 7,906 | 164 | 13 | est. 10,000 | 54.0 | 2,911 | |
| Mar-95 | 3/2/1995 | 7,976 | 70 | 15 | est. 10,000 | 26.6 | 2,938 | |
| Apr-95 | 4/7/1995 | 8,009 | 33 | 8 | est. 10,000 | 6.7 | 2,944 | |
| May-95 | 5/5/1995 | 8,405 | 396 | 16 | est. 10,000 | 160.5 | 3,105 | |
| Jun-95 | 6/1/1995 | 8,436 | 31 | 16 | est. 10,000 | 12.6 | 3,117 | |
| Jul-95 | 7/7/1993 | 8,834 | 398 | 16 | est. 10,000 | 161.3 | 3,279 | |
| Aug-95 | 8/3/1995 | 8,910 | 76 | 16 | 10,000 | 30.8 | 3,309 | |
| Sep-95 | 9/5/1995 | 9,068 | 158 | 16 | est. 10,000 | 64.0 | 3,373 | |
| Oct-95 | 10/24/1995 | 9,163 | 95 | 14 | 10,000 | 33.7 | 3,407 | |
| Nov-95 | 11/2/1995 | 9,194 | 31 | 16 | est. 10,000 | 12.6 | 3,420 | |
| Jan-96 | 1/4/1996 | 8,930 | 0 | 9 | est. 10,000 | 0.0 | 3,420 | Replaced hour meter (8930) |
| Feb-96 | 2/1/1996 | 8,991 | 61 | 8 | est. 10,000 | 12.4 | 3,432 | System off 2/96 - 4/96 |
| Apr-96 | 4/25/1996 | 9,084 | 93 | 8 | 210 | 0.4 | 3,432 | |
| May-96 | 5/2/1996 | 9,124 | 40 | 12 | 220 | 0.3 | 3,433 | |
| Jun-96 | 6/3/1996 | 9,279 | 155 | 9 | 1,000 | 3.5 | 3,436 | |
| Jul-96 | 7/2/1996 | 9,370 | 91 | 17 | 420 | 1.6 | 3,438 | |
| Aug-96 | 8/1/1996 | 9,391 | 21 | 9 | 340 | 0.2 | 3,438 | |
| Sep-96 | 9/5/1996 | 9,721 | 330 | 17 | est. 340 | 4.8 | 3,443 | |
| Oct-96 | 10/24/1996 | 9,773 | 52 | 7 | est. 340 | 0.3 | 3,443 | |
| Dec-96 | 12/26/1996 | 9,776 | 3 | 8 | est. 340 | 0.0 | 3,443 | System off 10/96 - 12/96 |
| Apr-97 | 4/3/1997 | 9,781 | 5 | 15 | 10,000 | 1.9 | 3,445 | System off 1/97 - 4/97 |
| May-97 | 5/1/1997 | 10,032 | 251 | 15 | 9,800 | 93.5 | 3,539 | |
| Jun-97 | 6/12/1997 | 10,663 | 631 | 11 | est. 9,000 | 158.2 | 3,697 | |
| Jul-97 | 7/3/1997 | 10,712 | 49 | 12 | est. 9,000 | 13.4 | 3,710 | |
| Aug-97 | 8/7/1997 | 10,950 | 238 | 12 | est. 9,000 | 65.1 | 3,775 | |
| Sep-97 | 9/3/1997 | 11,136 | 186 | 16 | est. 9,000 | 67.8 | 3,843 | |
| Oct-97 | 10/9/1997 | 11,320 | 184 | 12 | est. 9,000 | 50.3 | 3,893 | |
| Nov-97 | 11/6/1997 | 11,452 | 132 | 17 | est. 9,000 | 51.2 | 3,945 | |
| Dec-97 | 12/4/1997 | 11,510 | 58 | 19 | 9,000 | 25.1 | 3,970 | |
| Jan-98 | 1/8/1998 | 11,784 | 274 | 17 | 10,000 | 118.0 | 4,088 | |
| Feb-98 | 2/3/1998 | 12,180 | 396 | 16 | 10,000 | 160.5 | 4,248 | |
| Mar-98 | 3/10/1998 | 13,011 | 831 | 17 | 10,000 | 357.8 | 4,606 | |
| Apr-98 | 4/15/1998 | 13,060 | 49 | 17 | est. 10,000 | 21.1 | 4,627 | |

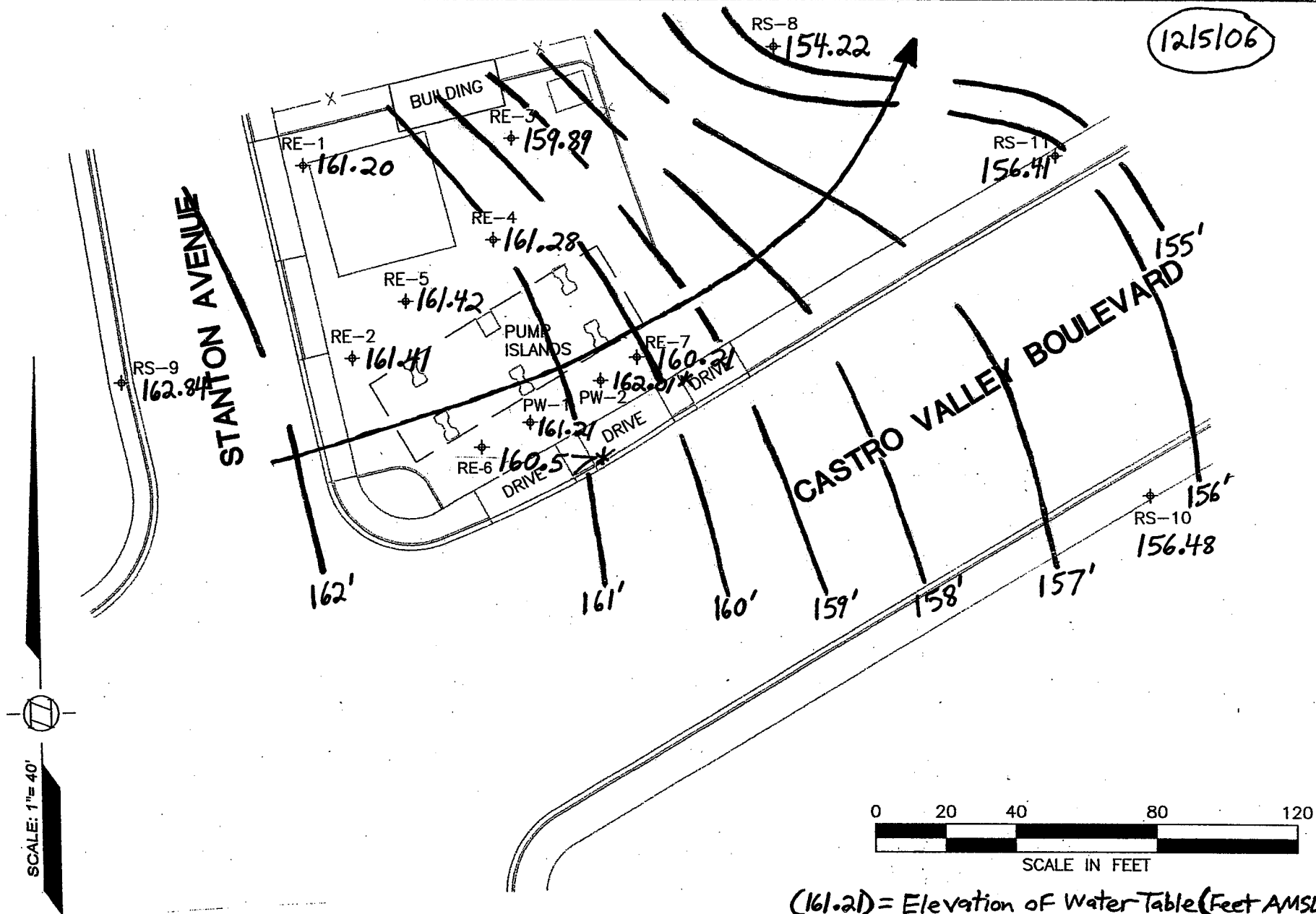
TABLE 2
Vapor Extraction Operating Data
Thrifty Oil Station # 054, CASTRO VALLEY, CA

| Month | Representative Date | Hour Meter Reading (hrs) | Operation Duration (hrs) | Inlet | | Hydrocarbons Removed | | Remark |
|--------|---------------------|--------------------------|--------------------------|--------------------|--------------------------|----------------------|------------------|---------------------------|
| | | | | Average Flow (cfm) | Average FID Conc. (ppmV) | Period (lbs) | Cumulative (lbs) | |
| May-98 | 5/7/1998 | 13,311 | 251 | 16 | 10,000 | 101.7 | 4,729 | |
| Jun-98 | 6/2/1998 | 13,658 | 347 | 17 | 10,000 | 149.4 | 4,878 | |
| Jul-98 | 7/6/1998 | 14,340 | 682 | 16 | est. 10,000 | 276.4 | 5,155 | |
| Sep-98 | 9/21/1998 | 14,542 | 202 | 12 | est. 10,000 | 61.4 | 5,216 | System shut down, 10/98 |
| Nov-98 | 11/16/1998 | 14,730 | 188 | 12 | est. 10,000 | 57.1 | 5,273 | |
| Dec-98 | 12/7/1998 | 15,124 | 394 | 11 | est. 10,000 | 109.8 | 5,383 | |
| Feb-99 | 2/9/1999 | 16,115 | 991 | 10 | 2,800 | 70.3 | 5,453 | |
| Mar-99 | 3/12/1999 | 16,698 | 583 | 13 | 210 | 4.0 | 5,457 | |
| Apr-99 | 4/6/1999 | 17,009 | 311 | 13 | est. 210 | 2.2 | 5,459 | |
| May-99 | 5/3/1999 | 17,098 | 89 | 10 | est. 210 | 0.5 | 5,460 | |
| Jun-99 | 6/28/1999 | 18,130 | 1,032 | 10 | 4,100 | 107.2 | 5,567 | |
| Jul-99 | 7/7/1999 | 18,163 | 33 | 10 | est. 4,000 | 3.3 | 5,570 | |
| Aug-99 | 8/2/1999 | 18,196 | 33 | 11 | est. 4,000 | 3.7 | 5,574 | |
| Sep-99 | 9/13/1999 | 18,318 | 122 | 12 | est. 4,000 | 14.8 | 5,589 | |
| Oct-99 | 10/18/1999 | 18,348 | 30 | 13 | est. 4,000 | 4.0 | 5,593 | |
| Nov-99 | 11/29/1999 | 18,617 | 269 | 12 | est. 4,000 | 32.7 | 5,626 | |
| Dec-99 | 12/27/1999 | 19,096 | 479 | 12 | 210 | 3.1 | 5,629 | |
| Jan-00 | 1/24/2000 | 19,388 | 292 | 12 | est. 210 | 1.9 | 5,631 | System shut down, 1/24/00 |

- Note: 1. The "duration" is derived from subtracting the hour meter from a representative day of the month by the hour meter from a representative day of the previous month. Some months may have more than 30 days.
2. In January 2000, the "hydrocarbons removed" calculations were corrected to reflect the actual calibration gas (methane) of the instrument used. Therefore, the corrected cumulative total value is different than the previous versions of this table.

FIGURES

1215106



(161.2) = Elevation of Water Table (Feet AMSL)
 (*) = Anomalous Data; Not Contoured



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

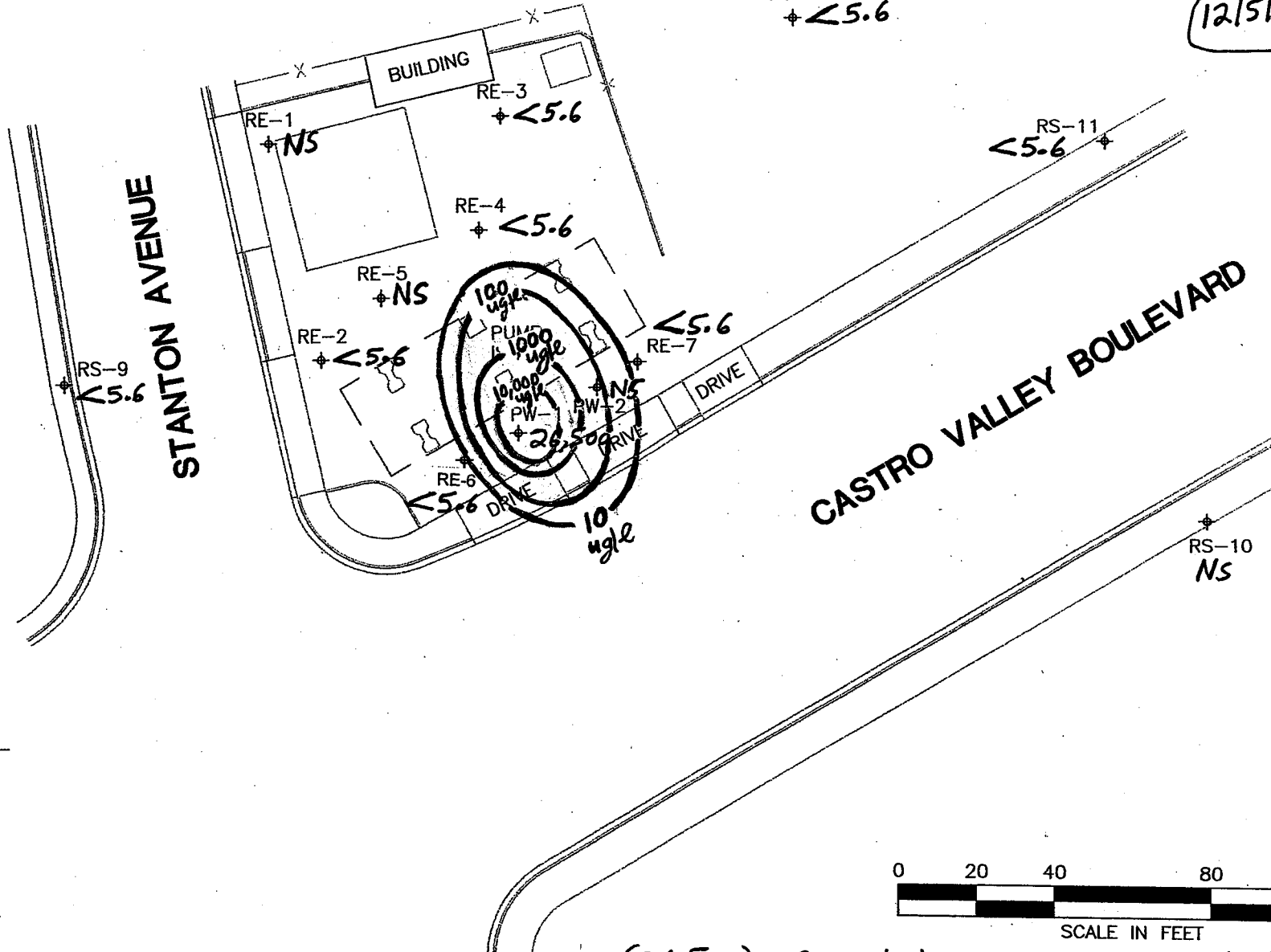
GROUNDWATER CONTOURS

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

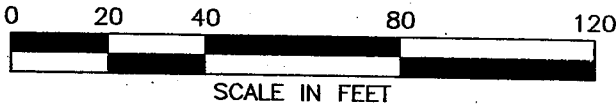
Figure
 1

12/5/06

RS-8
+ < 5.6



SCALE: 1" = 40'



(26,500) = Concentration of TPH_g in Groundwater (ug/l)
 (NS) = Not Sampled



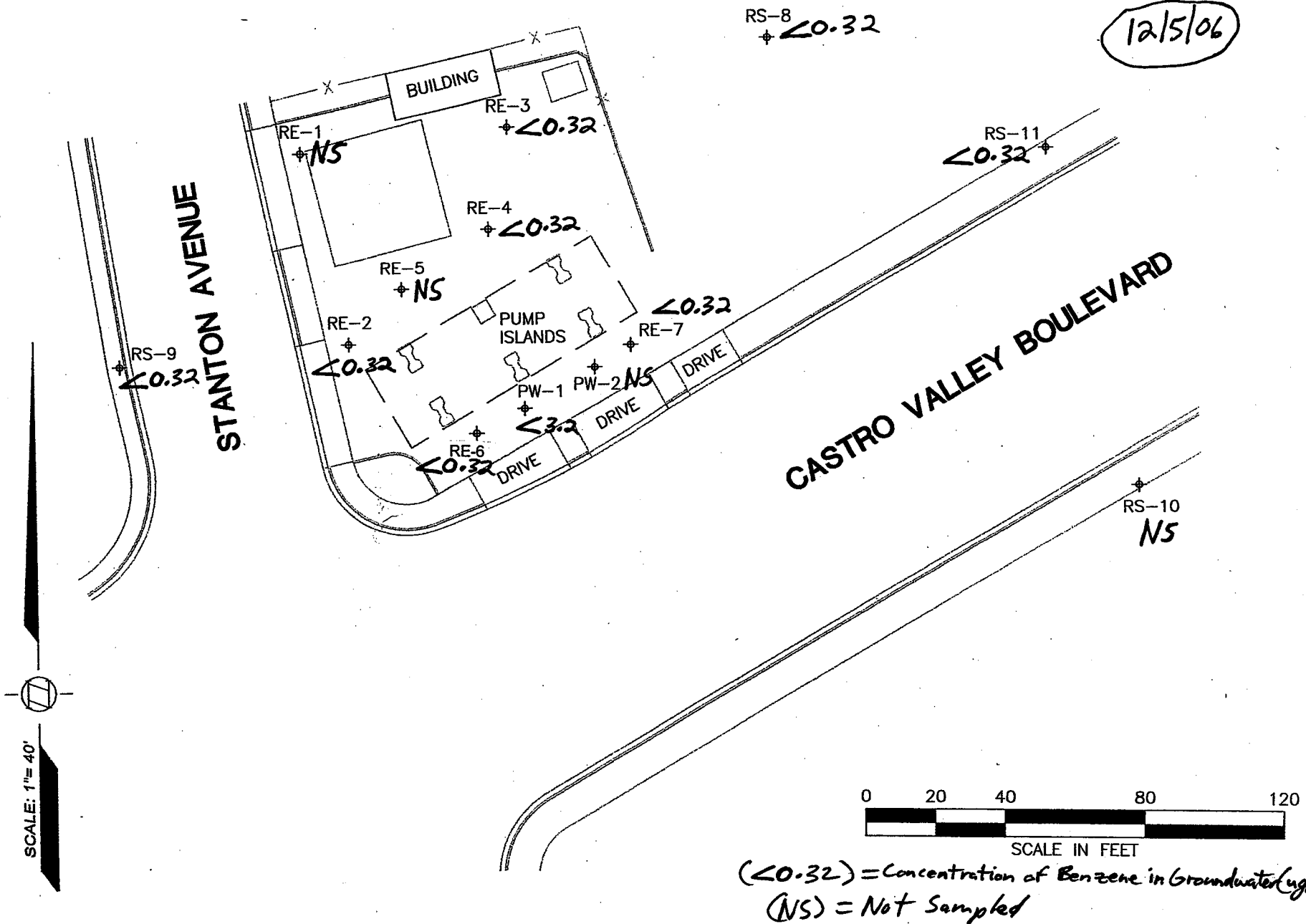
Thrifty Oil Co.
 13116 Imperial Highway
 Santa Fe Springs, CA 90670

TPHg IN GROUNDWATER

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

Figure
 2

12/5/06



(≤ 0.32) = Concentration of Benzene in Groundwater (ug/L)
 (NS) = Not Sampled



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

BENZENE IN GROUNDWATER

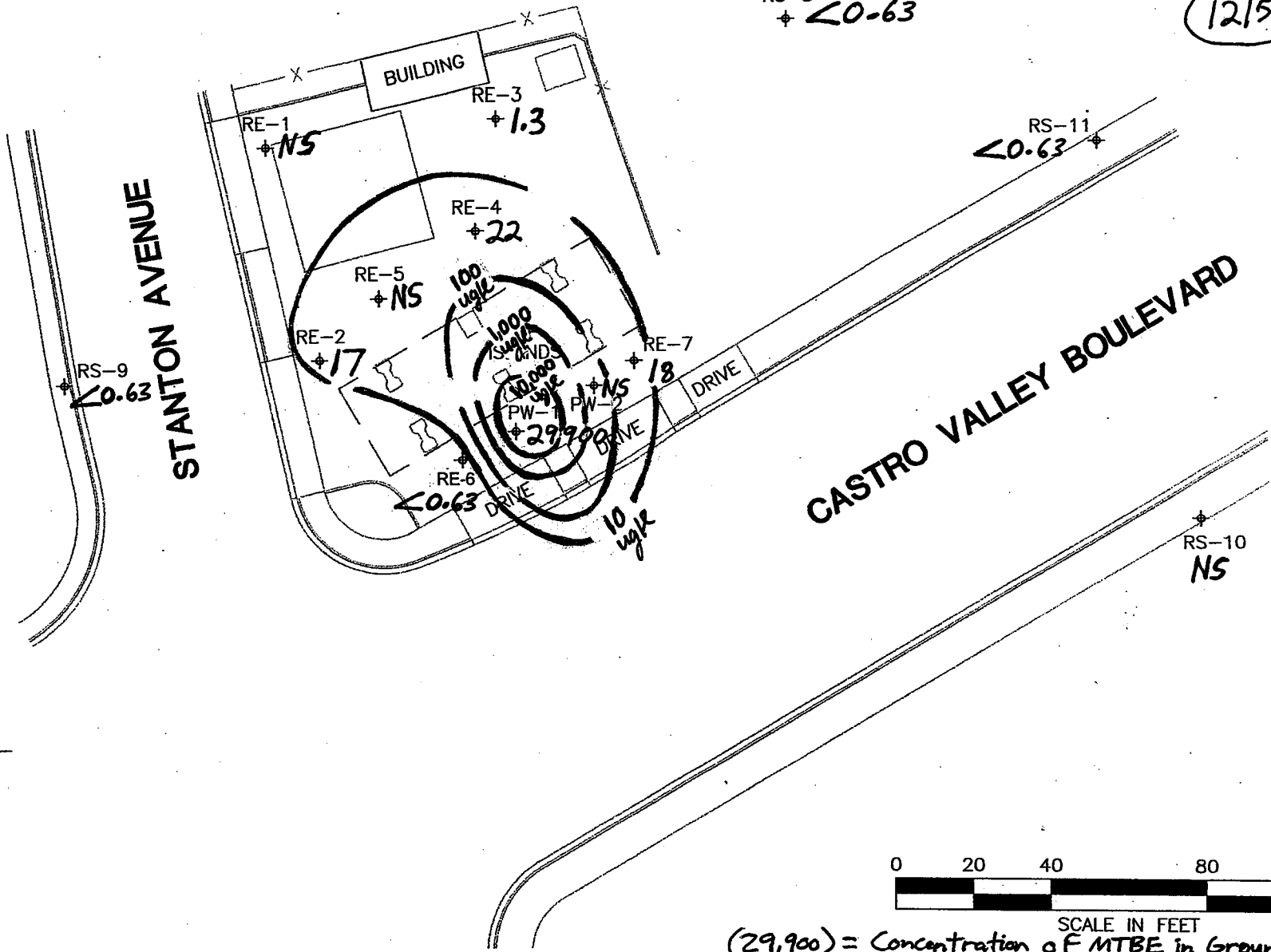
THRIFTY STATION #054
 2504 Castro Valley Boulevard
 Castro Valley, CA

Figure
 3

12/5/06

RS-8
+ <0.63

SCALE: 1"= 40'



(29,900) = Concentration of MTBE in Groundwater (ug/L)
 (NS) = Not Sampled



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

MTBE IN GROUNDWATER

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

Figure
 4

APPENDIX A



PROJECT STATUS REPORT

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

DATE: 12-05-06

PERSONNEL: SERBAN P

| WELL ID | DTP (FT) | DTW (FT) | DTB (FT) | PT (FT) | WC (FT) | DIA (IN) | PURGE (GAL) | | COMMENT |
|---------------------|----------|----------|----------|---------|---------|----------|-------------|------|---------|
| | | | | | | | EST. | ACT. | |
| QUARTERLY | | | | | | | | | |
| 1 PW-1 | | 4.74 | 13.93 | | 9.19 | 4" | 24 | 24 | |
| 2 RE-2 | | 5.20 | 17.06 | | 11.85 | 4" | 31 | 31 | |
| 3 RE-3 | | 6.80 | 17.51 | | 10.71 | 4" | 28 | 28 | |
| 4 RE-4 | | 4.95 | 14.50 | | 9.56 | 4" | 25 | 25 | |
| 5 RE-6 | | 5.58 | 13.62 | | 8.04 | 4" | 21 | 21 | |
| 6 RE-7 | | 5.12 | 13.15 | | 8.03 | 4" | 21 | 21 | |
| 7 RS-8 | | 9.81 | 25.15 | | 16.33 | 2" | 10 | 10 | OFFSITE |
| 8 RS-9 | | 4.21 | 14.94 | | 10.74 | 2" | 7 | 7 | OFFSITE |
| 9 RS-11 | | 6.30 | 24.70 | | 18.40 | 2" | 12 | 12 | OFFSITE |
| GAUGING ONLY | | | | | | | | | |
| 10 PW-2 | | 3.60 | 14.31 | | | 4" | | | |
| 11 RE-1 | | 5.26 | 19.80 | | | 4" | | | |
| 12 RE-5 | | 5.14 | 17.76 | | | 4" | | | OFFSITE |
| 13 RS-10 | | 5.95 | 24.35 | | | 2" | | | |

FREE PRODUCT REMOVED: APPROX. _____ GALLONS

PURGE-WATER REMOVED: APPROX. 179 GALLONS

REMARKS: MONITORING WELLS AND AFTER PURGE TAKE WATER SAMPLE FROM EACH WELLS (9) →

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: | # 054 | Date: | 12-05-06 |
| Address: | | | |
| Personnel: | JRBBM4 | Weather: | SUNNY DAY |
| Well No: | RS-U | Equip: | BAUER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 24.72 | Well Diameter | 2" |
| Depth to Water (ft) | 6.30 | Est. Purge Volume: | 12 |

| | | | | | | | |
|---------------------------|-------|-------|-------|-------------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 12:50 | 12:52 | 12:55 | 12:57 | 13:00 | | |
| EC | 1720 | 1730 | 1740 | 1720 | 1720 | | |
| pH | 6.09 | 6.11 | 6.06 | 6.03 | 6.03 | | |
| Temp | 71.4 | 71.2 | 71.2 | 70.9 | 70.7 | | |
| Gal. | 2 | 4 | 7 | 9 | 12 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|-------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 10.14 | Total Well Depth(ft.) | 24.70 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: H 054 Date: 12-05-06
 Address: _____
 Personnel: SERBAN, Weather: SUNNY DAY
 Well No: RE-7 Equip: BAUER

Before Purging:

Total Well Depth: (ft.) 13.15 Well Diameter 4"
 Depth to Water (ft.) 5.12 Est. Purge Volume: 21

Sampling Data:

Initial Turbidity:

Final Turbidity:

| Time | 12:10 | 12:15 | 12:20 | 12:25 | 12:30 | | |
|------|-------|-------|-------|-------|-------|--|--|
| EC | 1380 | 1340 | 1310 | 1320 | 1320 | | |
| pH | 6.03 | 5.93 | 5.93 | 5.82 | 5.76 | | |
| Temp | 73.4 | 72.9 | 72.6 | 72.7 | 72.6 | | |
| Gal. | 4 | 8 | 12 | 16 | 21 | | |

| | | | | | | | |
|------|--|--|--|--|--|--|--|
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

After Purging/Before Sample Collection

Depth to Water (ft.) 9.42 Total Well Depth (ft.) 13.95

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: AL 054 Date: 12-05-06
 Address: _____
 Personnel: SERBAM Weather: SUNNY DAY
 Well No: RE-4 Equip: BATLER

Before Purging:

Total Well Depth: (ft.) 14.50 Well Diameter: 4"
 Depth to Water (ft) 4.95 Est. Purge Volume: 25

Sampling Data:

| Initial Turbidity: | | | Final Turbidity: | | | |
|--------------------|-------|-------|------------------|-------|-------|--|
| Time | 11:10 | 11:15 | 11:20 | 11:25 | 11:30 | |
| EC | 1760 | 1780 | 1740 | 1760 | 1760 | |
| pH | 5.72 | 5.81 | 5.84 | 5.85 | 5.84 | |
| Temp | 71.8 | 71.6 | 71.9 | 71.7 | 71.8 | |
| Gal. | 5 | 10 | 15 | 20 | 25 | |
| Time | | | | | | |
| EC | | | | | | |
| pH | | | | | | |
| Temp | | | | | | |
| Gal. | | | | | | |

After Purging/Before Sample Collection

Depth to Water (ft.) 9.06 Total Well Depth (ft.) 14.50

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|--------|----------|-----------|
| Site: | # 054 | Date: | 12-05-06 |
| Address: | | | |
| Personnel: | SERBAM | Weather: | SUNNY DAY |
| Well No: | RR-3 | Equip: | BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 17.51 | Well Diameter | 4" |
| Depth to Water (ft) | 6.80 | Est. Purge Volume: | 28 |

| Sampling Data: | | | | | | | | |
|--------------------|-------|-------|------------------|-------|-------|--|--|--|
| Initial Turbidity: | | | Final Turbidity: | | | | | |
| Time | 10:30 | 10:35 | 10:40 | 10:45 | 10:50 | | | |
| EC | 1540 | 1570 | 1560 | 1570 | 1570 | | | |
| pH | 5.73 | 5.73 | 5.82 | 5.86 | 5.82 | | | |
| Temp | 72.4 | 72.6 | 72.5 | 72.6 | 72.3 | | | |
| Gal. | 6 | 11 | 16 | 22 | 28 | | | |
| Time | | | | | | | | |
| EC | | | | | | | | |
| pH | | | | | | | | |
| Temp | | | | | | | | |
| Gal. | | | | | | | | |

| | | | |
|---|-------|------------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 11.16 | Total Well Depth (ft.) | 17.51 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | |
|-------------------|--------------------|
| Site: # 054 | Date: 12-05-06 |
| Address: | |
| Personnel: SERBAN | Weather: SUNNY DAY |
| Well No: RE-2 | Equip: BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 17.06 | Well Diameter | 4" |
| Depth to Water (ft) | 5.20 | Est. Purge Volume: | 21 |

| | | | | | | | |
|--------------------|------|------|-------|------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 9:50 | 9:55 | 10:00 | 10:05 | 10:10 | | |
| EC | 1760 | 1740 | 1730 | 1740 | 1730 | | |
| pH | 6.09 | 5.83 | 5.81 | 5.86 | 5.86 | | |
| Temp | 72.4 | 72.6 | 72.7 | 72.7 | 72.6 | | |
| Gal. | 4 | 8 | 12 | 16 | 21 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|--|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 9.42 | Total Well Depth(ft). | 17.06 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|---------|----------|-----------|
| Site: | # 054 | Date: | 12-05-06 |
| Address: | | | |
| Personnel: | SPRBAM, | Weather: | SUNNY DAY |
| Well No: | RR-6 | Equip: | BAUER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 13.62 | Well Diameter | 4" |
| Depth to Water (ft) | 5.58 | Est. Purge Volume: | 21 |

| | | | | | | | |
|---------------------------|-------|-------|-------|-------------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 11:40 | 11:45 | 11:50 | 11:55 | 12:00 | | |
| EC | 1460 | 1430 | 1420 | 1410 | 1420 | | |
| pH | 6.11 | 6.19 | 6.06 | 6.03 | 6.03 | | |
| Temp | 72.3 | 72.6 | 72.4 | 72.6 | 72.6 | | |
| Gal. | 4 | 8 | 12 | 16 | 21 | | |
| | | | | | | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 9.46 | Total Well Depth(ft.) | 13.62 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | |
|--------------------------|---------------------------|
| Site: <u>4-054</u> | Date: <u>12-05-06</u> |
| Address: _____ | |
| Personnel: <u>SERBAT</u> | Weather: <u>SUNNY DAY</u> |
| Well No: <u>RS-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>4.21</u> | Est. Purge Volume: | <u>7</u> |

| | | | | | | | |
|---------------------------|--------------|--------------|--------------|-------------------------|--------------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | <u>12:41</u> | <u>12:42</u> | <u>12:43</u> | <u>12:44</u> | <u>12:45</u> | | |
| EC | <u>1400</u> | <u>1470</u> | <u>1460</u> | <u>1440</u> | <u>1440</u> | | |
| pH | <u>5.87</u> | <u>5.71</u> | <u>5.73</u> | <u>5.74</u> | <u>5.74</u> | | |
| Temp | <u>70.1</u> | <u>70.2</u> | <u>70.4</u> | <u>70.2</u> | <u>70.4</u> | | |
| Gal. | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> | <u>7</u> | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|-------------|-----------------------|--------------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | <u>9.06</u> | Total Well Depth(ft.) | <u>14.94</u> |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|--------|----------|-----------|
| Site: | H 054 | Date: | 12-05-06 |
| Address: | | | |
| Personnel: | SERBAN | Weather: | SUNNY DAY |
| Well No: | RS-8 | Equip: | BATLER |

| | | | |
|------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth (ft.) | 25.16 | Well Diameter | 2" |
| Depth to Water (ft) | 9.81 | Est. Purge Volume: | 10 |

| | | | | | | | |
|---------------------------|-------|-------|-------|-------------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 13:12 | 13:14 | 13:16 | 13:18 | 13:20 | | |
| EC | 1930 | 1830 | 1820 | 1830 | 1820 | | |
| pH | 6.12 | 6.09 | 6.03 | 5.89 | 5.92 | | |
| Temp | 72.4 | 72.6 | 72.7 | 72.6 | 72.7 | | |
| Gal. | 2 | 4 | 6 | 8 | 10 | | |
| | | | | | | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|-------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 13.42 | Total Well Depth(ft). | 25.15 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

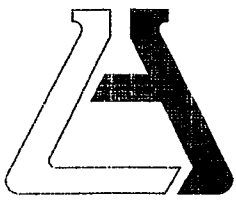
| | |
|--------------------------|---------------------------|
| Site: <u>4054</u> | Date: <u>12-05-06</u> |
| Address: _____ | |
| Personnel: <u>SERBAN</u> | Weather: <u>SUNNY DAY</u> |
| Well No: <u>PW-1</u> | Equip: <u>BAUER</u> |

| | | | |
|-------------------------|--------------|--------------------|-----------|
| Before Purging: | | | |
| Total Well Depth: (ft.) | <u>13.93</u> | Well Diameter | <u>4"</u> |
| Depth to Water (ft) | <u>4.74</u> | Est. Purge Volume: | <u>24</u> |

| Initial Turbidity: | | Final Turbidity: | | | | | |
|--------------------|--|------------------|-------------|-------------|-------------|-------------|--|
| Time | | 8:40 | 8:45 | 8:50 | 8:55 | 9:00 | |
| EC | | <u>1400</u> | <u>1460</u> | <u>1470</u> | <u>1460</u> | <u>1460</u> | |
| pH | | <u>5.92</u> | <u>5.88</u> | <u>5.88</u> | <u>5.85</u> | <u>5.85</u> | |
| Temp | | <u>72.4</u> | <u>74.6</u> | <u>74.3</u> | <u>72.2</u> | <u>72.2</u> | |
| Gal. | | <u>4</u> | <u>9</u> | <u>14</u> | <u>19</u> | <u>24</u> | |
| | | | | | | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|--------------|-----------------------|--------------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | <u>10.06</u> | Total Well Depth(ft.) | <u>13.93</u> |

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 181080 ✓

REPORTED 12/14/2006

RECEIVED 12/07/2006

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

SUBMITTER Client


COMMENTS 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> ✓ |
|------------------|---------------------------------------|
| 761661 | TOC#054 PW-1 |
| 761662 | TOC#054 RE-2 |
| 761663 | TOC#054 RE-3 |
| 761664 | TOC#054 RE-4 |
| 761665 | TOC#054 RE-6 |
| 761666 | TOC#054 RE-7 |
| 761667 | TOC#054 RS-9 |
| 761668 | TOC#054 RS-11 |
| 761669 | TOC#054 RS-8 |
| 761670 | Trip Blank |
| 761671 | 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.

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 761661

Client Sample ID: TOC#054 PW-1

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 13:30

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

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|-------|-----|-------|------|------|-------------|
| Benzene | ND | 10 | 10.0 | 0.32 | ug/L | 12/09/06 RP |
| Ethyl benzene | ND | 10 | 50.0 | 0.24 | ug/L | 12/09/06 RP |
| Methyl-tert-butylether (MTBE) | 29900 | 200 | 200.0 | 0.63 | ug/L | 12/09/06 RP |
| Toluene | ND | 10 | 50.0 | 0.10 | ug/L | 12/09/06 RP |
| Xylenes, total | 71 | 10 | 50.0 | 0.3 | ug/L | 12/09/06 RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 93 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 109 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 97 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 100 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|-------|----|-------|-----|------|-------------|
| Gasoline | 26500 | 10 | 500.0 | 5.6 | ug/L | 12/14/06 LD |
|----------|-------|----|-------|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|-----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 110 | | | % | 55 - 200 |

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



Order #: 761662

Client Sample ID: TOC#054 RE-2

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 13:35

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|-----|-----|------|-------|--------------|
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/09/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/09/06 RP |
| Methyl-tert-butylether (MTBE) | 17 | 1 | 1 | 0.63 | ug/L | 12/09/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/09/06 RP |
| Xylenes, total | 2.5 | J 1 | 5 | 0.3 | ug/L | 12/09/06 RP |

| Surrogates | | Units | Control Limits |
|-------------------------------|-----|-------|----------------|
| Surr1 - Dibromofluoromethane | 96 | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 112 | % | 70 - 130 |
| Surr3 - Toluene-d8 | 99 | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 99 | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
|----------|----|---|----|-----|------|-------------|

| Surrogates | | Units | Control Limits |
|------------------------|-----|-------|----------------|
| a,a,a-Trifluorotoluene | 102 | % | 55 - 200 |

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



Order #: 761663

Client Sample ID: TOC#054 RE-3

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 13:40

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

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|-----|---|---|------|------|-------------|
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/09/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/09/06 RP |
| Methyl-tert-butylether (MTBE) | 1.3 | 1 | 1 | 0.63 | ug/L | 12/09/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/09/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/09/06 RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 94 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 114 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 99 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 101 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
|----------|----|---|----|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 92 | | | % | 55 - 200 |

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



Order #: 761664

Client Sample ID: TOC#054 RE-4

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 13:45

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

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|----|---|---|------|------|-------------|
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | 22 | 1 | 1 | 0.63 | ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/10/06 RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 95 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 110 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 97 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 98 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
|----------|----|---|----|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|-----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 100 | | | % | 55 - 200 |

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



Order #: 761665

Client Sample ID: TOC#054 RE-6

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 14:05

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|----|-----|------|-------|--------------|
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/10/06 RP |

| Surrogates | | Units | Control Limits |
|-------------------------------|-----|-------|----------------|
| Surr1 - Dibromofluoromethane | 89 | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 109 | % | 70 - 130 |
| Surr3 - Toluene-d8 | 95 | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 97 | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|------------------------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
| Surrogates | | | | | | |
| a,a,a-Trifluorotoluene | 95 | | | % | | 55 - 200 |

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



Order #: 761666

Client Sample ID: TOC#054 RE-7

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 14:35

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|----|-----|------|--------------|-----------------------|
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | 18 | 1 | 1 | 0.63 | ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/10/06 RP |
| Surrogates | | | | | Units | Control Limits |
| Surr1 - Dibromofluoromethane | 92 | | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 108 | | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 96 | | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 96 | | | | % | 70 - 130 |
| 8015B - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
| Surrogates | | | | | Units | Control Limits |
| a,a,a-Trifluorotoluene | 87 | | | | % | 55 - 200 |

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



Order #: 761667

Client Sample ID: TOC#054 RS-9

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 14:50

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|----|-----|------|-------|--------------|
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/10/06 RP |

| Surrogates | | Units | Control Limits |
|-------------------------------|-----|-------|----------------|
| Surr1 - Dibromofluoromethane | 97 | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 114 | % | 70 - 130 |
| Surr3 - Toluene-d8 | 100 | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 98 | % | 70 - 130 |

| | | | | | | |
|-------------------------|----|---|----|-----|------|-------------|
| 8015B - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |

| Surrogates | | Units | Control Limits |
|------------------------|----|-------|----------------|
| a,a,a-Trifluorotoluene | 86 | % | 55 - 200 |

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



Order #: 761668

Client Sample ID: TOC#054 RS-11

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 15:05

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

8260B BTEX/MTBE Only

| | | | | | |
|-------------------------------|----|---|---|-----------|-------------|
| Benzene | ND | 1 | 1 | 0.32 ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 ug/L | 12/10/06 RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 97 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 107 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 98 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 96 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | |
|----------|----|---|----|----------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 ug/L | 12/09/06 LD |
|----------|----|---|----|----------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 80 | | | % | 55 - 200 |

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



Order #: 761669

Client Sample ID: TOC#054 RS-8

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: 15:30

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|----|-----|------|-------|--------------|
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/10/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/10/06 RP |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 12/10/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/10/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/10/06 RP |

| Surrogates | | Units | Control Limits |
|-------------------------------|-----|-------|----------------|
| Surr1 - Dibromofluoromethane | 96 | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 109 | % | 70 - 130 |
| Surr3 - Toluene-d8 | 96 | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 97 | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/12/06 LD |
|----------|----|---|----|-----|------|-------------|

| Surrogates | | Units | Control Limits |
|------------------------|----|-------|----------------|
| a,a,a-Trifluorotoluene | 68 | % | 55 - 200 |

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



Order #: 761670

Client Sample ID: Trip Blank

Matrix: WATER

Date Sampled: 12/05/2006 Time Sampled: :

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

8260B BTEX/MTBE Only

| | | | | | | |
|----------------|----|---|---|------|------|-------------|
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 12/09/06 RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 12/09/06 RP |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 12/09/06 RP |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 12/09/06 RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 90 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 111 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 94 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 100 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 5.6 | ug/L | 12/08/06 LD |
|----------|----|---|----|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 86 | | | % | 55 - 200 |

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



Order #: 761671

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|----|---|---|-----------|----------|----|
| Benzene | ND | 1 | 1 | 0.32 ug/L | 12/09/06 | RP |
| Ethyl benzene | ND | 1 | 5 | 0.24 ug/L | 12/09/06 | RP |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 ug/L | 12/09/06 | RP |
| Toluene | ND | 1 | 5 | 0.10 ug/L | 12/09/06 | RP |
| Xylenes, total | ND | 1 | 5 | 0.3 ug/L | 12/09/06 | RP |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 96 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 113 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 98 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 101 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|----------|----------|----|
| Gasoline | ND | 1 | 50 | 5.6 ug/L | 12/12/06 | LD |
|----------|----|---|----|----------|----------|----|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 89 | | | % | 55 - 200 |

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



ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 6

Sample ID: *MS/MSD Water Sample* 181348-611

Date Prepared: December 12, 2006

Date Analyzed: December 13, 2006

Sample Matrix: Water

Units: µg/L

Lab ID#'s in Batch: 181348, 181036, 180991, 181080, 181153, 181165, 181035

| Compound | Sample Conc. | Spike Added | Spike Res | Dup Res | Spike % Rec | Dup % Rec | RPD | QC RPD | Limits % Rec |
|--------------------|--------------|-------------|-----------|---------|-------------|-----------|-----|--------|--------------|
| 1,1-Dichloroethene | 0.00 | 50.0 | 64.10 | 56.20 | 128 | 112 | 13 | 22 | 59 - 172 |
| MTBE* | 98.30 | 50.0 | 171.00 | 148.00 | 145 | 99 | 14 | 24 | 62 - 137 |
| Benzene* | 152.00 | 50.0 | 227.00 | 200.00 | 150 | 96 | 13 | 24 | 62 - 137 |
| Trichloroethene | 0.00 | 50.0 | 49.10 | 43.10 | 98 | 86 | 13 | 21 | 66 - 142 |
| Toluene | 109.00 | 50.0 | 159.00 | 144.00 | 100 | 70 | 10 | 21 | 59 - 139 |
| Chlorobenzene | 0.00 | 50.0 | 53.10 | 47.60 | 106 | 95 | 11 | 21 | 60 - 133 |

Sample ID: *LCS*

| Compound | Spike Added | Spike Res | Spike % Rec | Limits % Rec |
|--------------------|-------------|-----------|-------------|--------------|
| 1,1-Dichloroethene | 50.0 | 55.60 | 111 | 59 - 172 |
| MTBE | 50.0 | 51.60 | 103 | 62 - 137 |
| Benzene | 50.0 | 56.70 | 113 | 62 - 137 |
| Trichloroethene | 50.0 | 47.20 | 94 | 66 - 142 |
| Toluene | 50.0 | 51.30 | 103 | 59 - 139 |
| Chlorobenzene | 50.0 | 52.80 | 106 | 60 - 133 |

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

| Compound | MB 1 % Rec | MB 2 % Rec | MS % Rec | MSD % Rec | LCS % Rec | Limits % Rec |
|-----------------------|------------|------------|----------|-----------|-----------|--------------|
| Dibromofluoromethane | 96 | 96 | 101 | 101 | 97 | 70 - 135 |
| 1,2-Dichloroethane-d4 | 106 | 110 | 87 | 88 | 94 | 70 - 135 |
| Toluene-d8 | 96 | 97 | 96 | 93 | 96 | 70 - 135 |
| p-Bromofluorobenzene | 99 | 93 | 98 | 98 | 95 | 70 - 135 |

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: December 8, 2006

Analysis Date: December 8, 2006

Lab ID#'s in Batch: 181080, 180991, 181035, 180984

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = $\mu\text{g/L}$

| Test | Method | Method Blank | Spike Added | LCS Spike | LCSD Spk. Dup | %Rec LCS | %Rec LCSD | RPD |
|------|---------|--------------|-------------|-----------|---------------|----------|-----------|-----|
| TPH | 8015M-G | ND | 500 | 564 | 604 | 113 | 121 | 7 |

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

| |
|-------------------------------|
| <i>%REC LIMITS = 70 - 130</i> |
| <i>RPD LIMITS = 30</i> |

SURROGATE RECOVERY

| Sample No. | AAA-TFT |
|--------------|---------|
| QC Limit | 55-200 |
| Method Blank | 81 |
| LCS | 82 |
| LCSD | 58 |

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G2-LCS&LCSD

Matrix: WATER

Prep. Date: December 12, 2006

Analysis Date: December 12, 2006

Lab ID#'s in Batch: 181080, 180895, 180991, 180647, 180972, 181153, 180896

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = $\mu\text{g/L}$

| Test | Method | Method Blank | Spike Added | LCS Spike | LCSD Spk. Dup | %Rec LCS | %Rec LCSD | RPD |
|------|---------|--------------|-------------|-----------|---------------|----------|-----------|-----|
| TPH | 8015M-G | ND | 500 | 584 | 586 | 117 | 117 | 0 |

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

| |
|-------------------------------|
| <i>%REC LIMITS = 70 - 130</i> |
| <i>RPD LIMITS = 30</i> |

SURROGATE RECOVERY

| Sample No. | AAA-TFT |
|--------------|---------|
| QC Limit | 55-200 |
| Method Blank | 89 |
| LCS | 176 |
| LCSD | 194 |

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 6

Sample ID: *MS/MSD Water Sample* 181068-629

Date Prepared: December 8, 2006

Date Analyzed: December 10, 2006 12:43 PM

Sample Matrix: Water

Units: µg/L

Lab ID#'s in Batch: 181068, 180904, 180895, 181035, 181128, 180984, 181080, 181162

| Compound | Sample Conc. | Spike Added | Spike Res | Dup Res | Spike % Rec | Dup % Rec | RPD | QC RPD | Limits % Rec |
|--------------------|--------------|-------------|-----------|---------|-------------|-----------|-----|--------|--------------|
| 1,1-Dichloroethene | 0.00 | 50.0 | 62.68 | 60.36 | 125 | 121 | 4 | 22 | 59 - 172 |
| MTBE | 0.00 | 50.0 | 56.00 | 59.55 | 112 | 119 | 6 | 24 | 62 - 137 |
| Benzene | 0.00 | 50.0 | 50.99 | 54.26 | 102 | 109 | 6 | 24 | 62 - 137 |
| Trichloroethene | 0.00 | 50.0 | 44.78 | 47.36 | 90 | 95 | 6 | 21 | 66 - 142 |
| Toluene | 0.00 | 50.0 | 47.76 | 49.90 | 96 | 100 | 4 | 21 | 59 - 139 |
| Chlorobenzene | 0.00 | 50.0 | 48.82 | 50.92 | 98 | 102 | 4 | 21 | 60 - 133 |

Sample ID: *LCS*

| Compound | Spike Added | Spike Res | Spike % Rec | Limits % Rec |
|--------------------|-------------|-----------|-------------|--------------|
| 1,1-Dichloroethene | 50.0 | 54.27 | 109 | 59 - 172 |
| MTBE | 50.0 | 51.46 | 103 | 62 - 137 |
| Benzene | 50.0 | 54.08 | 108 | 62 - 137 |
| Trichloroethene | 50.0 | 44.99 | 90 | 66 - 142 |
| Toluene | 50.0 | 48.83 | 98 | 59 - 139 |
| Chlorobenzene | 50.0 | 50.80 | 102 | 60 - 133 |

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

| Compound | MB 1 % Rec | MB 2 % Rec | MS % Rec | MSD % Rec | LCS % Rec | Limits % Rec |
|-----------------------|------------|------------|----------|-----------|-----------|--------------|
| Dibromofluoromethane | 95 | 95 | 97 | 98 | 97 | 70 - 135 |
| 1,2-Dichloroethane-d4 | 109 | 105 | 94 | 96 | 91 | 70 - 135 |
| Toluene-d8 | 98 | 99 | 98 | 98 | 98 | 70 - 135 |
| p-Bromofluorobenzene | 96 | 96 | 93 | 93 | 95 | 70 - 135 |

ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: *MS/MSD Water Sample* 181080-670
 Date Prepared: December 8, 2006
 Date Analyzed: December 10, 2006 3:20am
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 181080, 180991

| Compound | Sample Conc. | Spike Added | Spike Res | Dup Res | Spike % Rec | Dup % Rec | RPD | QC RPD | Limits % Rec |
|--------------------|--------------|-------------|-----------|---------|-------------|-----------|-----|--------|--------------|
| 1,1-Dichloroethene | 0.00 | 50.0 | 45.67 | 45.63 | 91 | 91 | 0 | 22 | 59 - 172 |
| MTBE | 0.00 | 50.0 | 52.28 | 52.22 | 105 | 104 | 0 | 24 | 62 - 137 |
| Benzene | 0.00 | 50.0 | 45.64 | 45.02 | 91 | 90 | 1 | 24 | 62 - 137 |
| Trichloroethene | 0.00 | 50.0 | 46.05 | 44.59 | 92 | 89 | 3 | 21 | 66 - 142 |
| Toluene | 0.00 | 50.0 | 47.74 | 46.73 | 95 | 93 | 2 | 21 | 59 - 139 |
| Chlorobenzene | 0.00 | 50.0 | 48.72 | 46.67 | 97 | 93 | 4 | 21 | 60 - 133 |

Sample ID: *LCS*

| Compound | Spike Added | Spike Res | Spike % Rec | Limits % Rec |
|--------------------|-------------|-----------|-------------|--------------|
| 1,1-Dichloroethene | 50.0 | 44.22 | 88 | 59 - 172 |
| MTBE | 50.0 | 49.57 | 99 | 62 - 137 |
| Benzene | 50.0 | 44.12 | 88 | 62 - 137 |
| Trichloroethene | 50.0 | 45.45 | 91 | 66 - 142 |
| Toluene | 50.0 | 46.25 | 93 | 59 - 139 |
| Chlorobenzene | 50.0 | 46.74 | 93 | 60 - 133 |

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

| Compound | MB 1 % Rec | MB 2 % Rec | MS % Rec | MSD % Rec | LCS % Rec | Limits % Rec |
|-----------------------|------------|------------|----------|-----------|-----------|--------------|
| Dibromofluoromethane | 96 | | 98 | 97 | 94 | 70 - 135 |
| 1,2-Dichloroethane-d4 | 113 | | 106 | 109 | 103 | 70 - 135 |
| Toluene-d8 | 98 | | 100 | 100 | 99 | 70 - 135 |
| p-Bromofluorobenzene | 101 | | 97 | 104 | 101 | 70 - 135 |

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: December 6, 2006

Analysis Date: December 8, 2006

Lab ID#'s in Batch: 180991, 180895, 181080

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = $\mu\text{g/L}$

| Test | Method | Method Blank | Spike Added | LCS Spike | LCSD Spk. Dup | %Rec LCS | %Rec LCSD | RPD |
|------|---------|--------------|-------------|-----------|---------------|----------|-----------|-----|
| TPH | 8015M-G | ND | 500 | 564 | 622 | 113 | 124 | 10 |

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

| |
|-------------------------------|
| <i>%REC LIMITS = 70 - 130</i> |
| <i>RPD LIMITS = 30</i> |

SURROGATE RECOVERY

| Sample No. | AAA-TFT |
|--------------|---------|
| QC Limit | 55-200 |
| Method Blank | 80 |
| LCS | 84 |
| LCSD | 119 |

AAA-TFT = a,a,a-Trifluorotoluene



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: T.O.C. Project: TOL 054
 Date Received: 12-07-06
 Sample(s) received in cooler: (Yes) No (Skip Section 2)

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler or box temperature: 4.10C
 (Acceptance range is 2 to 6 Deg. C.)

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|--------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were custody seals present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If Yes - were they intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| No head space in VOA vials? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were the correct preservatives used? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were the samples scanned for presence of radioactivity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

*: If the answer is no, please inform Fish Bioassay Dept. immediately.

Section 4
 Explanations/Comments

Section 5
 Was Project Manager notified of discrepancies: Y / N (N/A)

Completed By: Maria Cruz Date: 12-07-06



Chain of Custody Record

1810862
Page 1 of 1

| | | | |
|--|-----------------------------|---------------------------|---------------------------|
| Company THRIFTY OIL CO. | Phone (562) 921-7510 | A.L. Job No. | Page <u>1</u> of <u>1</u> |
| Project Manager JEFF SURYAKUSUMA | Fax (562) 421-3581 | Analysis Requested | |
| Project Name Q. W. S. | Project # TOC 054 | | |
| Site Name and Address 2504 CASTRO VALLEY BLVD. CASTRO VALLEY, CA. | | | |

| Sample ID | Lab ID | Date | Time | Matrix | Container Number/Size | Pres. | TPH4 (9015M) | BTEX (8260B) | NTR6 (8260B) | Test Instructions & Comments | | | |
|---------------|--------|----------|-------|------------------|-----------------------|-------|--------------|--------------|--------------|------------------------------|--|--|--|
| 1 PW-1 | | 12-05-06 | 13:30 | H ₂ O | 4-VOA | HCL | X | X | X | ID: TOC00101363 | | | |
| 2 RE-2 | | | 13:35 | | | | X | X | X | | | | |
| 3 RE-3 | | | 13:40 | | | | X | X | X | | | | |
| 4 RE-4 | | | 13:45 | | | | X | X | X | | | | |
| 5 RE-6 | | | 14:05 | | | | X | X | X | | | | |
| 6 RE-7 | | | 14:35 | | | | X | X | X | | | | |
| 7 RS-9 | | | 14:50 | | | | X | X | X | | | | |
| 8 RS-11 | | | 15:05 | | | | X | X | X | | | | |
| 9 RS-8 | | | 15:30 | | | | X | X | X | | | | |
| 10 TRIP BLANK | | | 00:00 | | 2-VOA | HCL | X | X | | | | | |
| 11 | | | | | | | | | | Matrix - Water | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

| | | | | | | |
|---|--|---|--|---|---|--------------------|
| Sample Receipt - To Be Filled By Laboratory | | | | Relinquished by Sampler: E.M.C. 1. | Relinquished by 2. | Relinquished by 3. |
| Total Number of Containers: 38 | Property Cooled <input checked="" type="checkbox"/> N / N / NA | Samples Intact <input checked="" type="checkbox"/> N / N / NA | | Signature: <i>[Signature]</i> | Signature: | Signature: |
| Custody Seals Y / N / NA <input checked="" type="checkbox"/> | Received in Good Condition <input checked="" type="checkbox"/> N | Samples Accepted <input checked="" type="checkbox"/> N | | Printed Name: SERYAN P. | Printed Name: | Printed Name: |
| Turn Around Time | | | | Date: 12-05-06 Time: 17:00 | Date: | Time: |
| <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. | | | | Received By: G.S.O. 1. | Received By: 2. | Received By: 3. |
| | | | | Signature: | Signature: Maria Cruz | Signature: |
| | | | | Printed Name: | Printed Name: Maria Cruz | Printed Name: |
| | | | | Date: | Date: 12-07-06 Time: 9:45 | Date: |

2 17-201 1.9