ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 2, 2009

Chris Panaitescu
Thrifty Oil Company
13116 Imperial Highway
Santa Fe Springs, CA 90670

Paul Supple
BP West Coast Products, LLC
P.O. Box 1257
San Ramon, CA 94583

Terry Grayson
Conoco Phillips
76 Broadway Street
Sacramento, CA 95818

Subject: Fuel Leak Case No. RO0000348 and GeoTracker Global ID T0600101363, Thrifty Oil #54/BP #02486, 2504 Castro Valley Boulevard, Castro Valley, California 94546

Dear Messrs. Panaitescu, Supple, and Grayson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual pollution remaining in soil beneath the site includes total petroleum hydrocarbons as gasoline at a pre-remediation concentration of 1,900 mg/kg. Post-remediation soil samples were not collected; however groundwater samples collected from same location did not detect hydrocarbon contamination above the analytical detection limits.

If you have any questions, please call Paresh Khatri at (510) 777-2478. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:
1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:
Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Paresh Khatri (w/orig enc), D. Drogos (w/enc)

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REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case No. RO0000348 and GeoTracker Global ID T0600101363, Thrifty Oil #54/BP #02486, 2504 Castro Valley Boulevard, Castro Valley, California 94546

Dear Messrs. Panaitescu, Supple, and Grayson:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: May 29, 2009

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Paresh Khatri	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Thrifty Oil #54 / BP #02486		
Site Facility Address: 2504 Castro Valley Blvd., Castro Valley, CA 94546		
RB Case No.: 01-1476	Local Case No.: 1252	LOP Case No.: RO0000348
URF Filing Date: 1/9/87	Global ID No.: T0600101363	APN: 84A-181-78

Responsible Parties	Addresses	Phone Numbers
Chris Panaitescu, Thrifty Oil Company	13116 Imperial Highway Santa Fe Springs, CA 90670-0138	562-921-3581
Paul Supple, Atlantic Richfield	PO BOX 1257 San Ramon, CA 94583	925-275-3801
Terry Grayson, ConocoPhillips	76 Broadway Sacramento, CA 95818	916-558-7612

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
TNK – 1 (southern tank)	12,000	Super Unleaded gasoline	Removed	11/10/88
TNK – 2 (center tank)	12,000	Leaded gasoline	Removed	11/10/88
TNK – 3 (northern tank)	12,000	Unleaded gasoline	Removed	11/10/88
Piping			Removed	12/14/98

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown		
Site characterization complete? Yes	Date Approved By Oversight Agency: --	
Monitoring wells installed? Yes	Number: 14	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 2.64 feet bgs (RE-3)	Lowest Depth: 9.83 feet bgs (RS-8)	Flow Direction: Southeast
Most Sensitive Current Use: Potential drinking water source		

Summary of Production Wells in Vicinity: A well survey was conducted in March 2006. Fourteen production wells were identified within a one-mile radius of the site. The nearest well is located up-gradient approximately 2,640 feet northeast of the site at 20036 Anita Avenue in Castro Valley (see Figure 9). Based on the location of the well in relation to the site and the since low to non-detect concentrations of hydrocarbons are present in groundwater at the site, it is unlikely that the site will adversely affect groundwater quality for potential future beneficial use.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Lake Chabot located ~2 miles to the northeast
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/ Destination)	Date
Tank	Three 12,000 gallon tanks	Disposal location unknown	11/10/88
Piping	12/14/98 2-inch fiberglass product line. Length unknown	Disposal location unknown	12/14/98
Free Product	Not Reported	--	--
Soil	800 cubic yards of contaminated soil removed from tank removal 11/10/88 102.36 tons removed 12/14/98	Soil from 11/10/88 tank removal disposed of by Liquid Waste Management, Inc McKittrick, CA at an unknown location. Soil from 12/14/98 product line & dispenser removal disposed by Denbeste Transport at Forward Landfill.	11/10/88 12/24/98 for product line
Groundwater	27,992 gallons	Treated and discharged	1990-2000

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After[1]	Before	After
TPH (Gas)	1,900 (RE4, 5 ft bgs, 2/14/88)	1,900 (RE4, 5 ft bgs, 2/14/88)	600,000 (PW-2, 4/9/90)	<6.6 (All wells, 6/18/08)
TPH (Diesel)	NA	NA	NA	NA
TPH (Motor Oil)	NA	NA	NA	NA
Naphthalene	3.0 (RE4, 5 ft bgs, 2/14/88)	3.0 (RE4, 5 ft bgs, 2/14/88)	NA	NA
Benzene	13 (RE4, 5 ft bgs, 2/14/88)	13 (RE4, 5 ft bgs, 2/14/88)	14,000 (RE-1, 11/06/91)	<0.18 (All wells, 6/18/08)
Toluene	92 (RE4, 5 ft bgs, 2/14/88)	92 (RE4, 5 ft bgs, 2/14/88)	44,900 (RE-4, 12/08/04)	<0.24 (All wells, 6/18/08)
Ethylbenzene	27 (RE4, 5 ft bgs, 2/14/88)	27 (RE4, 5 ft bgs, 2/14/88)	4,660 (RE-2, 12/08/04)	<0.21 (All wells, 6/18/08)
Xylenes	180 (RE4, 5 ft bgs, 2/14/88)	180 (RE4, 5 ft bgs, 2/14/88)	56,000 (RE-6, 12/09/04)	<0.45 (All wells, 6/18/08)
MTBE [5]	1.6 [4] (P2, 3.75 ft bgs, 12/14/98)	1.6 [4] (P2, 3.75 ft bgs, 12/14/98)	70,500 [3] (RE-7, 12/08/04)	<0.19 [2] (All wells, 6/18/08)
Lead	NA	23	NA	NA

NA Not Analyzed
[1] Post remediation confirmation soil samples not collected. However, groundwater samples collected from the same location as elevated soil samples did not detect contaminants above ESLs. Therefore, it is likely that remediation system has removed significant quantities of contaminant mass from the subsurface.
[2]Other VOCs (groundwater µg/L after cleanup): 0.19 µg/L MtBE, NA µg/L TBA, NA µg/L DIPE, NA µg/L ETBE, NA µg/L TAME, <0.9 µg/L EDB, NA µg/L EBC, <1.0 µg/L 1.2-DCA, NA µg/L EtOH
[3]Other VOCs (groundwater ppb before cleanup): 70,500 µg/L MtBE, NA µg/L TBA, NA µg/L TAME, <NA µg/L ETBE, NA µg/L DIPE, NA µg/L EDB, NA µg/L EDC
[4]Other VOCs (Soil mg/kg after cleanup): 1.6 mg/kg MTBE, NA mg/kg TBA, NA mg/kg DIPE, NA mg/kg ETBE, NA mg/kg TAME, NA mg/kg EtOH
[5] EDB and EDC were not detected above laboratory detection limit of <0.01 mg/kg in soil samples collected in 1988

Site History and Description of Corrective Actions:

The site is located on the northeast corner of Castro Valley Boulevard and Stanton Boulevard in Castrol Valley, California. Surrounding properties consist of mostly commercial properties with residential properties to the north. Currently, the site appears to be fenced off and not in use. Temporary closure has been granted in 2006 for the USTs at the site. The site has formerly been leased to Thrifty Oil Co, BP Oil Co., and ConocoPhillips. According to GeoHydrologic Consultants, Inc., the site is located within the San Francisco Bay structural depression of the Coast Ranges Physiographic Province in Alameda County. Bedrock in the vicinity is composed of Cretaceous-age sandstones, shale, and conglomerates. Shallow bedrock beneath the site consists primarily of shale. Soils encountered during drilling activities consist primarily of silt, clay, or clay with gravel and/or possible evaporates overlying clay with abundant siltstone gravel (see cross-section figures 16 through 19).

Four borings (B-1 through B-4) were advanced on December 17, 1986 to determine whether there were contaminants in the soil or groundwater due to the use of underground storage tanks (USTs) at the site. Boring locations are illustrated on Figure 2. The borings indicated the presence of hydrocarbons at 5 feet bgs surrounding the USTs. The contamination appeared concentrated in the southern portion of the site confined between 10 and 20 feet bgs (below ground surface) at a maximum concentration of 1,120 mg/kg in soil sample B1 at 10 feet bgs. No groundwater was encountered during this phase of site investigation. Soil sample analytical results are summarized on Table 1.

Monitoring wells PW-1 and PW-2 were installed at the site sometime between December 17, 1986 and December 15, 1988 to estimated depths of 15 feet bgs. A report summarizing well installations was not found in ACEH's case file or the RP's file.

Robert Elbert and Associates installed seven monitoring wells from February 14, 1988 to February 17, 1988. Groundwater was encountered during installation from six to eight feet bgs. The total petroleum hydrocartbon (TPH) as gasoline (g) and benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination appeared confined to the northern and central portions of the site. The maximum TPH-g and benzene concentrations of 1,900 mg/kg and 13 mg/kg, respectively, were detected in a soil sample collected from boring RE-4 at 5 feet bgs. Free product was found in wells RE-3 (0.01 feet), PW-1 (0.07 feet) and PW-2 (0.03 feet). Monitoring well locations are illustrated on Figure 3 and soil and groundwater sample analytical results are summarized on Tables 1 and 2.

On November 10, 1988, 18 soil samples, along with one water sample, were collected during the tank replacement excavation performed by Circle K Corporation. Soil samples collected from the dispensers, product line trenches, and tank pit detected maximum TPH-g and benzene concentrations of 320 mg/kg and 2 mg/kg, respectively in soil sample #1 collected at 3.75 feet bgs. A "grab" groundwater sample was collected from the tank pit. Groundwater sample analytical results detected TPH-g and benzene at concentrations of 130,000 µg/L and 12,000 µg/L, respectively. Analytical results are summarized on Table 3 and sample locations are illustrated on Figure 4. Shortly thereafter, the new USTs were installed in the same location as the former USTs. Approximately 800 cubic yards of hydrocarbon impacted soil was excavated and removed from the site.

A Thermal Spray Aeration Vapor Extraction (S.A.V.E) remediation system was installed in August of 1989, but not put into operation until June 1990. The groundwater extraction system was installed in monitoring wells RE-4 and RE-7 and the vapor extraction system in PW-2, RE-1, RE-5, RS-8, and RS-10. The purpose of the system, as defined by the original proposed remediation plan of April 26, 1988, was for groundwater migration control as the recent soil samples taken at the time indicated possible contamination spreading to the north. The remediation system is illustrated on Figure 5. According to Gettler Ryan, the treatment system was operated from June 1990 through February 2000 and destroyed a total of 5,631 pounds of hydrocarbons and removed and treated approximately 27,992 gallons of groundwater.

In May 1991, Remediation Services International (RSI) conducted additional site investigation, which consisted of installing three off-site groundwater monitoring wells (RS-8 through RS-10) to evaluate the groundwater contaminant plume off-site. TPH-g was detected at a maximum concentration of 580 mg/kg in a soil sample collected from boring RS-9 at 5 feet bgs. Soil and groundwater sample analytical results are summarized on Tables 1 and 2, and sample locations are illustrated on Figure 6.

On September 21, 1995, off-site groundwater monitoring well RS-11 was installed to 25 feet bgs southeast of the site in order to define the lateral extent of groundwater contamination within this area off-site. Soil sample analytical results did not detect hydrocarbon contamination above the laboratory detection limit. Monitoring well RS-11 is illustrated on Figure 7.

Fifteen soil samples were collected during the product line replacement and product dispenser upgrade on December 14, 1998. The product dispenser samples collected at 3.25 feet bgs had the highest concentrations of TPH-g at 130 mg/kg and 120 mg/kg in soil samples D2 and D4, respectively, at the western dispensers. The product piping trench samples taken at 3.75 feet bgs had a maximum TPH-g concentration of 260 mg/kg at the southwest portion of the trench (P1). One composite soil stockpile sample was collected, which detected TPH-g at a concentration of 240 mg/kg and lead at 23 mg/kg. Approximately 102.36 tons of the excavated soil was transported for disposal at Forward Landfill in Manteca, CA on December 24, 1998, January 21, 1999, and January 27, 1999. Soil sample analytical results are summarized on Table 4 and sample locations are illustrated on Figure 8. Please note that a composite soil sample from the product line and dispenser removal on December 14, 1998 detected lead at concentrations of 23 mg/kg. Although there is no indication that any other soil or groundwater sample was ever tested for lead even though one tank was known to contain leaded gasoline, soil samples did not detect EDB or EDC above the laboratory detection limit of <0.01 mg/kg.

Groundwater monitoring has been conducted at the site since 1990. All TPH-g, BTEX, and MTBE concentrations have decreased to below detection/MDL limits since initial monitoring. Historical elevated concentrations have been in the southern and central portions of the site (RE-4, RE-5, RE-6, RE-7, PW-1, and PW-2). A trend in free product first appeared in wells down-gradient (southeast) of the old UST site on 6/19/91 and persisted until 10/23/91 for wells RE-5 and RE-6, 3/10/93 for wells PW-1 and PW-2, and 9/5/95 for wells RE-4 and RE-7.

A spike in hydrocarbon concentrations was observed in groundwater monitoring wells RE-2, RE-4, RE-6, and RE-7 located near the underground storage tanks and pump islands in 2004 and 2005. Thrifty asserts that a new release had occurred at the site and the increased concentrations of contaminants detected at the site are a direct result of the new release. On February 1, 2005, TOSCO (ConocoPhillips) responded to Thrifty's assertion that a recent release had occurred, and suggested that the site is likely being impacted by an off-site source. TOSCO (ConocoPhillips) stated that no pattern of fluctuation in dissolved-phase hydrocarbons concentrations has been

established to date that has not been seen before. However, Thrifty's review of the data indicated that since 1991, there have been no fluctuations in dissolved-phase hydrocarbon concentrations even close to those observed between the 3rd and 4th quarters of 2004. TOSCO (ConocoPhillips) stated in their February 2005 letter that elevated dissolved-phase hydrocarbon concentrations 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. However, Thrifty's data indicated otherwise since data collected during the 2nd quarter 2005 detected the highest concentrations of TPH-g and MTBE in well PW-1. During the 3rd and 4th quarters of 2006, and the 1st quarter of 2007, the highest concentrations of TPH-g and MTBE were again detected in well PW-1. Therefore, it does appear that a recent release has impacted the groundwater in the vicinity of PW-1.

Data collected during the 3rd and 4th quarters of 2005 indicates that the dissolved hydrocarbon concentrations were not detected in well PW-1. However, the dissolved-phase hydrocarbons concentrations in adjacent, up-gradient well RW-6 continued to decline whereas in down-gradient well RE-7, the concentrations remained high indicating that the contaminant plume is simply migrating in the vicinity of these three wells. During the second quarter of 2006, Thrifty sampled down-gradient groundwater monitoring well RS-8 for the first time since December 2001. MTBE was detected at a concentration of 445 µg/L (the highest reported MTBE concentration detected at the site during the sampling event), also indicating that an onsite release occurred in approximately December 2004, resulting in a contaminant plume that had migrated offsite to RS-8.

Thrifty plotted TPH-g, benzene, and MTBE concentrations over time versus groundwater elevations for wells RE-2 (Figure 10), RE-3 (Figure 11), RE-4 (Figure 12), RE-6 (Figure 13), RE-7 (Figure 14), and PW-1 (Figure 15). The increases in TPH-g, and MTBE concentrations in groundwater samples collected from monitoring wells RE-2, RE-4, RE-6, and RE-7 for the 3rd and 4th quarters of 2004 and the 1st quarter of 2005 illustrate a substantial increase in contaminant concentrations when compared to the TPH-g and MTBE concentrations of over time. There is also a significant increase in TPH-g and MTBE concentrations in well PW—1 in the 1st quarter 2005, 1st quarter 2006, 3rd quarter 2006, and 4th quarter 2006 (Figure 15). According to Thrifty, there is a corresponding rise in groundwater elevation in each of these wells, however, there have been comparable rises in groundwater elevation in the past with no corresponding increases in contaminant concentrations in groundwater. Thus, it appears that a rise in groundwater elevation is not the reason for significant increases in dissolved-phase petroleum hydrocarbon concentrations at the site.

Based on the contaminant concentration trends, meaning a spike then a gradual decrease in contaminant concentrations, seem to suggest a one-time unauthorized release in 2004 may have occurred at the site. The 2004 spike is evident in the concentrations over time graphs, which also illustrates a decreasing concentration trend by the 4th quarter of 2006, which suggests that there is not a continual source of hydrocarbon contamination or on-going release.

On June 30, 2006, ConocoPhillips ceased operations at the site and Thrifty subsequently performed temporary closure of three 10,000-gallon gasoline USTs at the site.

Elevated concentrations of hydrocarbons were detected in soil samples collected at the site ranging in depth from 5 to 15 feet bgs. A remediation system operated at the site, but no post remediation confirmation soil samples were collected. Depth to groundwater at the site ranges from 2.6 to 9.8 feet bgs. Therefore, it is likely that soil samples collected may not be representative of vadose zone soil conditions, but rather be indicative of groundwater conditions. It is also likely that the residual hydrocarbon soil contamination previously detected has been remediated since groundwater sample analytical results did not detect concentrations of hydrocarbons above the laboratory detection limit in locations where contamination was detected in soil previously. Additionally, the most recent groundwater sampling data indicated that hydrocarbon concentrations have decreased significantly since the hydrocarbon concentration spike in groundwater samples that occurred in 2004 and 2005.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a significant risk to human health based upon current commercial land use and conditions.		
Site Management Requirements: County of Alameda Building Department has been notified that should excavation or development of the property be proposed that may encounter impacted soil or groundwater, Alameda County Environmental Health must be notified as required by Government Code Section 65850.2.2. The current property owner/developer must submit a soil and groundwater management plan for review prior to any construction activities. Please note that case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 14	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

Currently, residual soil contamination of TPH-g and benzene at concentrations of 1,900 mg/kg and 13.0 mg/kg, respectively, was left in place just down-gradient of the former and current USTs, and MtBE at a concentration of 1.6 mg/kg was left in place down-gradient of the dispenser islands. The residual contamination does not appear to pose a significant risk to the current commercial use of the site or to groundwater resources in the area since groundwater monitoring and remediation wells located in the contaminated soil zone did not detect contaminants in groundwater above the laboratory detection limit. This suggests that significant contaminant mass from the subsurface was removed as a result of the treatment system.

- Analysis in groundwater for EDB, EDC, and fuel oxygenates other than MTBE not performed.

Conclusion:

Alameda County Environmental Health staff consider that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site based on the current commercial use of the site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Paresh Khatri	Title: Hazardous Materials Specialist
Signature:	Date: 5/29/2009
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date: 5/29/09

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: Cher McCaul	Date: 8/6/09

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH:	Date of Well Decommissioning Report:	
All Monitoring Wells Decommissioned:	Number Decommissioned:	Number Retained:
Reason Wells Retained: No monitoring wells installed or retained		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature:		Date:

Attachments:

1. Tables A & B: Comparison of residual contamination to applicable ESLs or approved Cleanup Goals [2 pgs].
2. Table 1: Historical Soil Sample Analytical Results [1 pg].
3. Table 2: Groundwater Sample Analytical Results [24 pgs].
4. Table 3: Soil and Groundwater sample Analytical Results from UST removals [5 pgs].
5. Table 4: Soil and Groundwater sample Analytical Results from Dispenser replacements [2 pgs].
6. Figure 1: Site Vicinity Map [1 pg].
7. Figure 2: Soil Boring Location Map (1986) [1 pg].
8. Figure 3: Monitoring Well Location Map (1991) [1 pg].
9. Figure 4: UST Removal and Sampling Location Map (1988) [1 pg].
10. Figure 5: Remediation System Layout (circa 1990) [1 pg].
11. Figure 6: Monitoring Well Location Map (1995) [1 pg].
12. Figure 7: Groundwater Flow Direction Map (1995) [1 pg].
13. Figure 8: Dispenser Replacement Sampling Location Map (1998) [1 pg].
14. Figure 9: Well Survey Map (2006) [1 pg].
15. Figures 10-15: Contaminant concentration graphs over time [6 pgs]
16. Figures 16-19: Cross-sections [4 pgs]
17. Boring Logs/Well Construction Details [15 pgs]

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

Environmental Impacts in Soil

Thrifty Oil #54/BP #02486

2504 Castro Valley Boulevard, Castro Valley, California

Table A. Comparison of Maximum Residual Soil Concentrations at the Site to Relevant Cleanup Standards (mg/kg)

	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)
Maximum Residual Soil Concentrations at Site in milligrams per kilogram	1,900[4]	13[4]	92[4]	27[4]	180[4]	1.6[5]
RWQCB, Region 2 ESLs[1]	83[3]	0.044[3]	2.9[3]	3.3[3]	2.3[3]	0.023[3]

Notes:
Soil sample analytical results represent contaminant concentrations is soil prior to treatment system operation. No post remediation soil samples were collected. However, groundwater sample analytical results did not detect contaminants above the laboratory detection limit or applicable ESLs, in locations were soil contamination was detected.

[1] Environmental Screening Levels (ESLs); Shallow Soil Screening Level for residential land use where potentially impacted groundwater is current or potential drinking water resource. Shallow soils defined as soils situated <3 meters below the ground surface. Depth to water ranges between 2.6 ft and 9.8 ft bgs.

[2] Lowest ESL value based on direct exposure scenario. Depth to water ranges between 2.6 ft and 9.8 ft bgs.

[3] Lowest ESL value based on groundwater protection (soil leaching). Depth to water ranges between 2.6 ft and 9.8 ft bgs.

[4] Soil sample collected at 5 feet bgs. Depth to water ranges between 2.6 ft and 9.8 ft bgs.

[5] Soil sample collected at 3.75 feet bgs. Depth to water ranges between 2.6 ft and 9.8 ft bgs.

Environmental Impacts in Groundwater
Thrifty Oil #54/BP #02486
2504 Castro Valley Boulevard, Castro Valley, California

Table B. Comparison of Maximum Residual Groundwater Concentrations at the Site to Relevant Cleanup Standards (µg/L)

	TPH-g (µg/L)	TPH-d (µg/L)	TPH-ss (µg/L)	Kerosene (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	EDC [1-2-dichloroethane] (µg/L)	EDB [1-2-dibromoethane] (µg/L)
Maximum Residual Groundwater Concentrations at Site	<6.6[7]	--	--	--	<0.18[7]	<0.24[7]	<0.21[7]	<0.45[7]	<0.19[7]	--	--
RWQCB Region 2 ESLs[2]	100[1] 1002 2103 210[6]	100[1] 1002 2103 210[6]	100[1] 100[2] 210[3] 210[6]	100[1] 100[2] 210[3] 210[6]	1.01 1702 1.0[3] 540[4] 46[6]	401 402 150[3] 380,000[4] 130[6]	301 302 300[3] 170,000[4] 43[6]	201 202 1,800[3] 160,000[4] 1006	5[1] 5[2] 13[3] 24,000[4] 8,0006	0.05[1] 50,000[2] 0.05[3] 150[4] 1,400[6]	0.5[1] 7,000[2] 0.5[3] 200[4] 2,000[6]
ASTM Tier 1 Standard Human Health RBSL (Benzene)	NA	NA	NA	NA	11,000[4] 23.8[5]	32,800	77,500	NA	NA	NA	NA

[1] Environmental Screening Levels (ESLs) for impacted subsurface groundwater less than 10 feet, where groundwater IS a current or potential drinking water resource

2 Final Groundwater Screening Level, based on ceiling value (taste and odor threshold)

[3] Groundwater Screening Level, based on drinking water toxicity

4 Groundwater Volatilization to indoor air (residential) Level,

5 Groundwater Vapor Intrusion from groundwater to buildings (residential, chronic hazard quotient = 1)

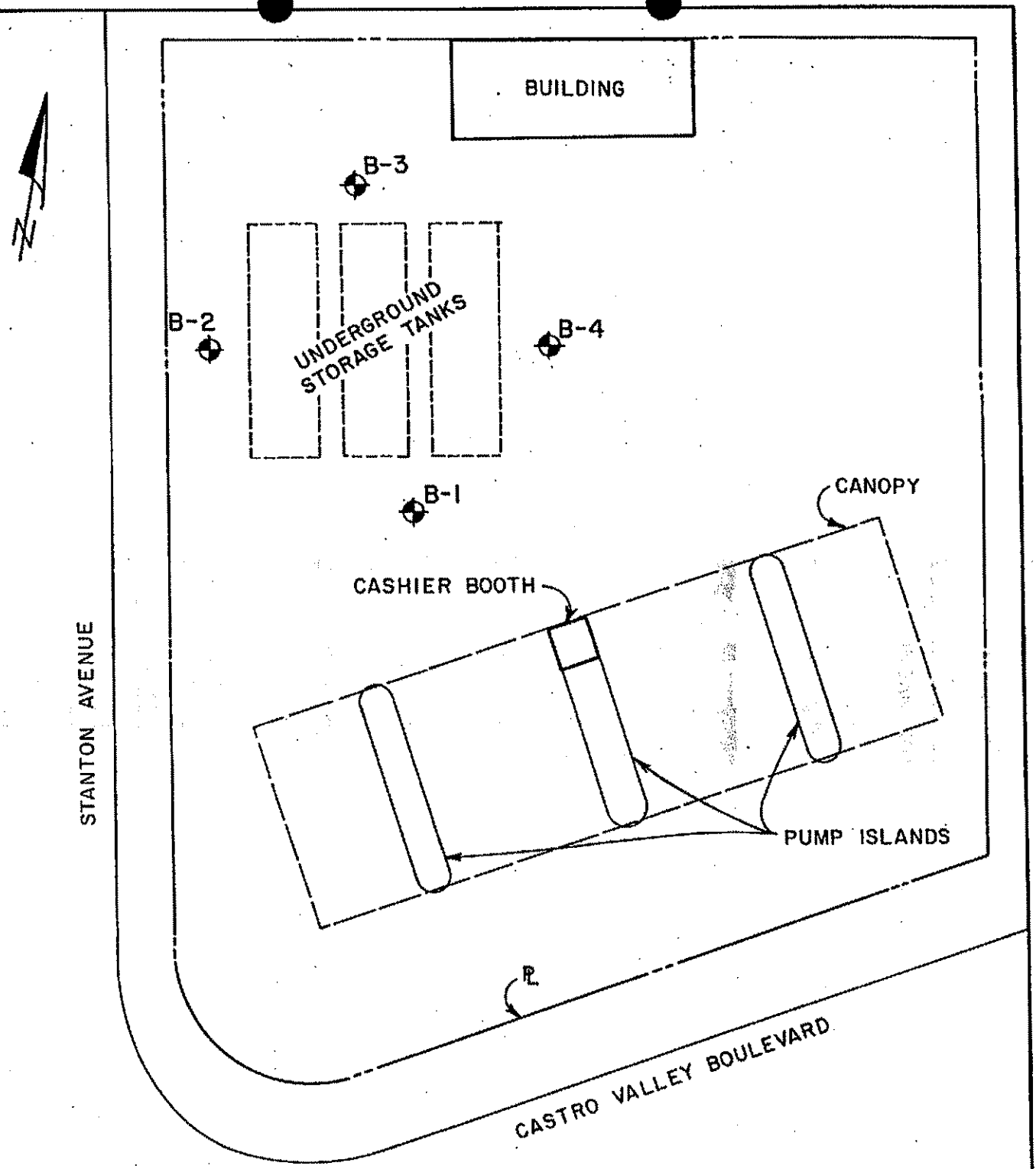
6 Final Groundwater Screening Level, based on Aquatic Habitat

[7] Sample collect on 6/18/2008. Same concentrations were detected in groundwater samples collected from all monitoring wells located at the site.

A PORTION OF THE U.S.G.S. HAYWARD 7.5' QUADRANGLE

LOCATION MAP
THRIFTY OIL STATION NO. 054
CASTRO VALLEY, CALIFORNIA
Prepared for
THRIFTY OIL COMPANY
DOWNEY, CALIFORNIA

FIGURE 1



APPROXIMATE SCALE:

0 10 20 30 FEET

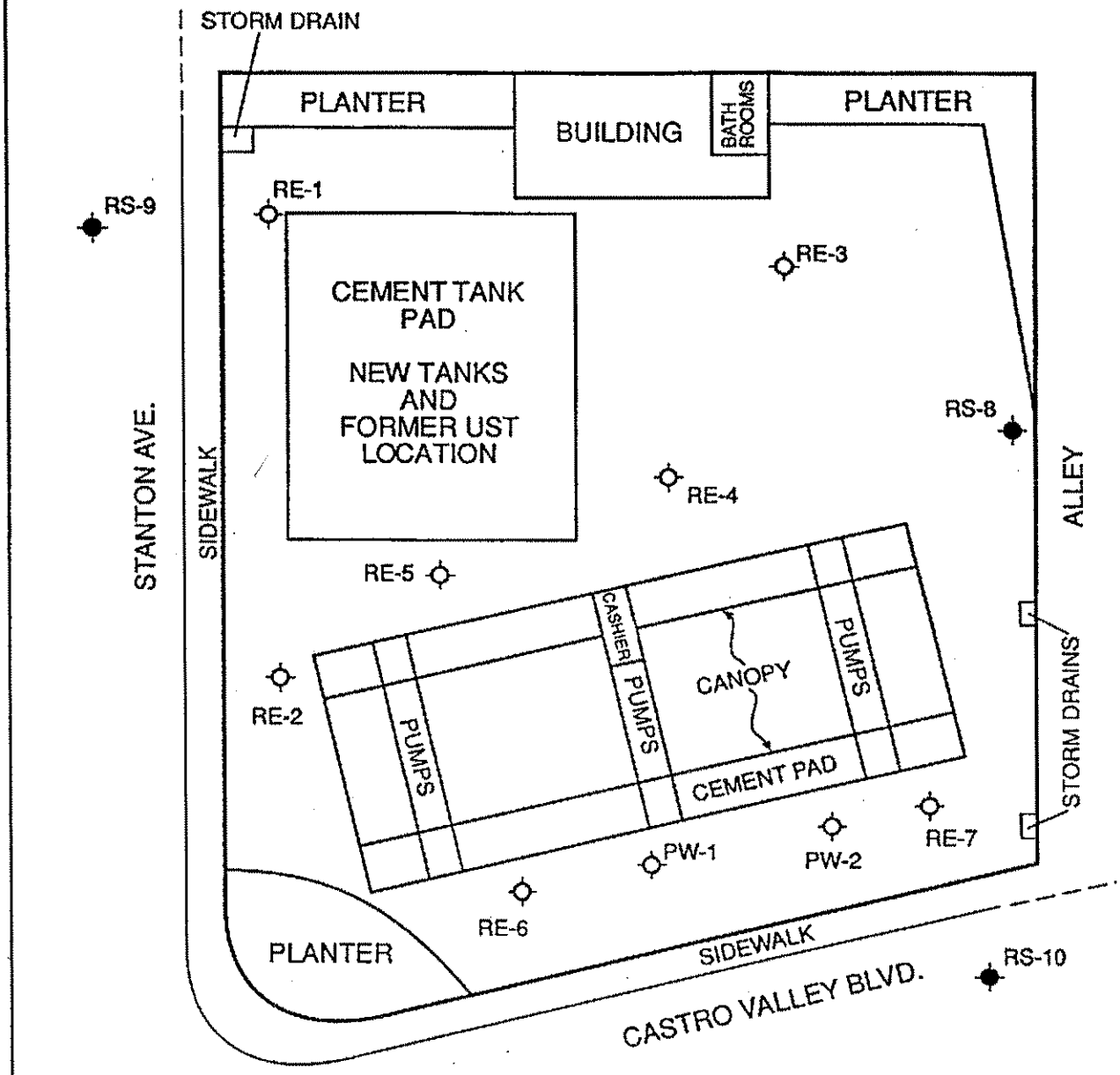
EXPLANATION:

B-4 EXPLORATORY BORING

PLOT PLAN OF THRIFTY OIL STATION #054

JOB NO.:	DATE:	F
13-6782-002-34-00	JANUARY 1987	FIGURE 2

HYDROTEC



CURRENT SITE PLAN

THRIFTY OIL CO. #054
CASTRO VALLEY, CALIFORNIA
Prepared for
THRIFTY OIL CO.
DOWNEY, CALIFORNIA

0 20 40
SCALE IN FEET

N

EXISTING MONITORING WELL
PROPOSED MONITORING WELL

FIGURE 3

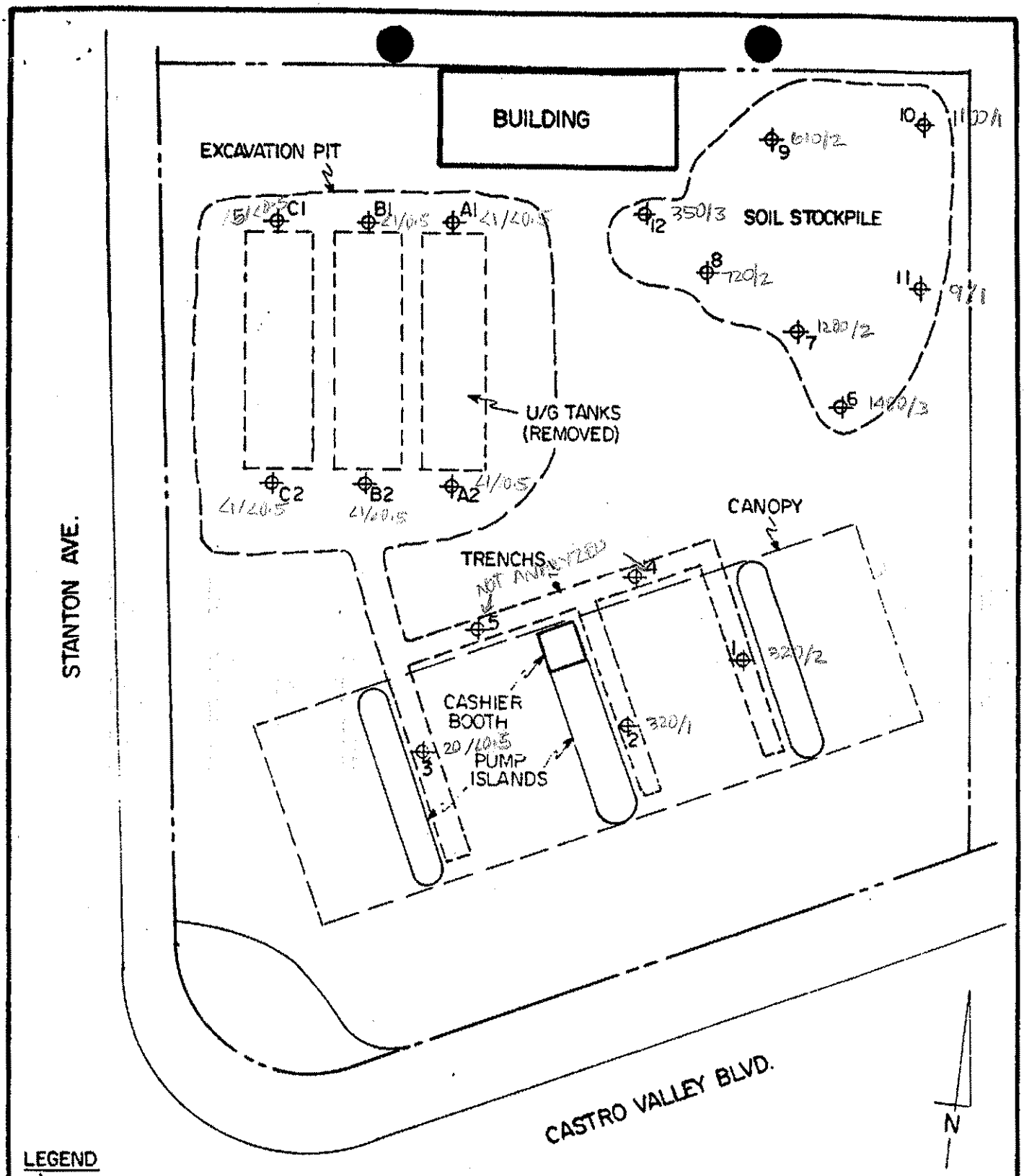
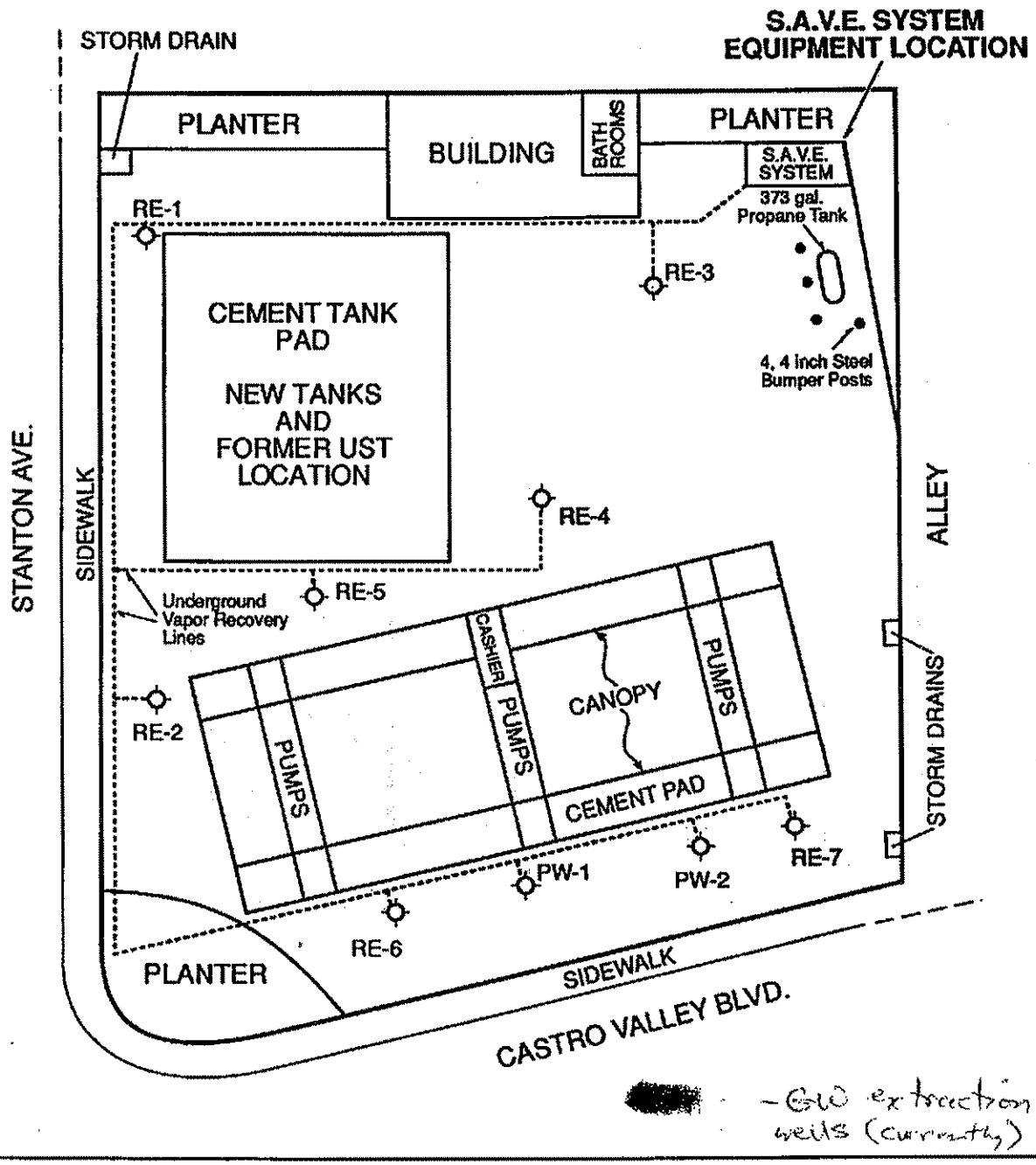


FIGURE 4
SITE PLAN

CIRCLE K
CASTRO VALLEY, CALIF.

GROUNDWATER TECHNOLOGY, INC.

DIETERICH POST REORDER NO. 116233



REMEDIATION EQUIPMENT LOCATION

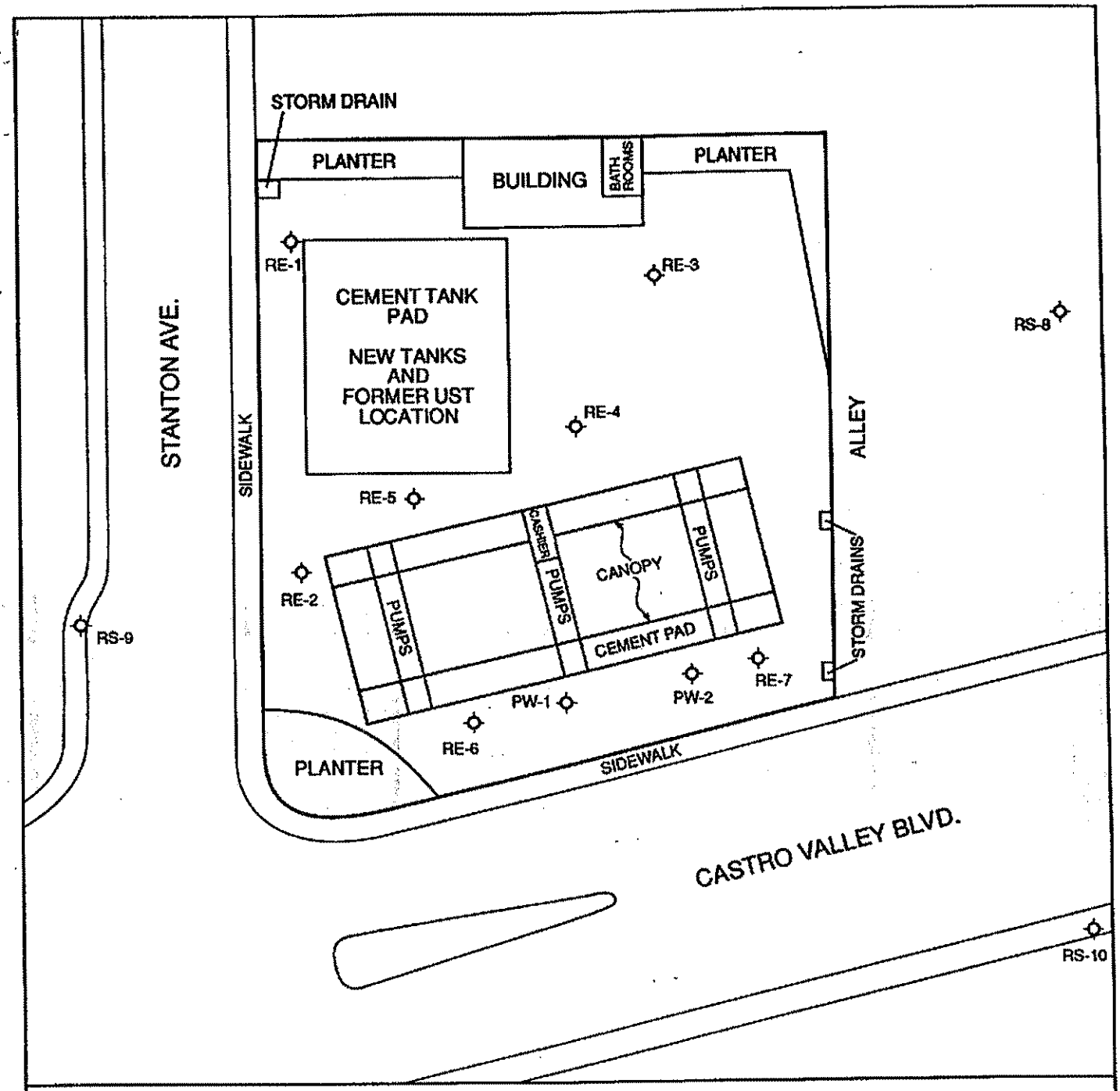
THRIFTY OIL CO. #054
CASTRO VALLEY, CALIFORNIA
Prepared for
THRIFTY OIL CO.
DOWNEY, CALIFORNIA

0 20 40
SCALE IN FEET

N

EXISTING MONITORING WELL

FIGURE 5



SITE PLAN II

THRIFTY OIL CO. #054
CASTRO VALLEY, CALIFORNIA
Prepared for
THRIFTY OIL CO.
DOWNEY, CALIFORNIA

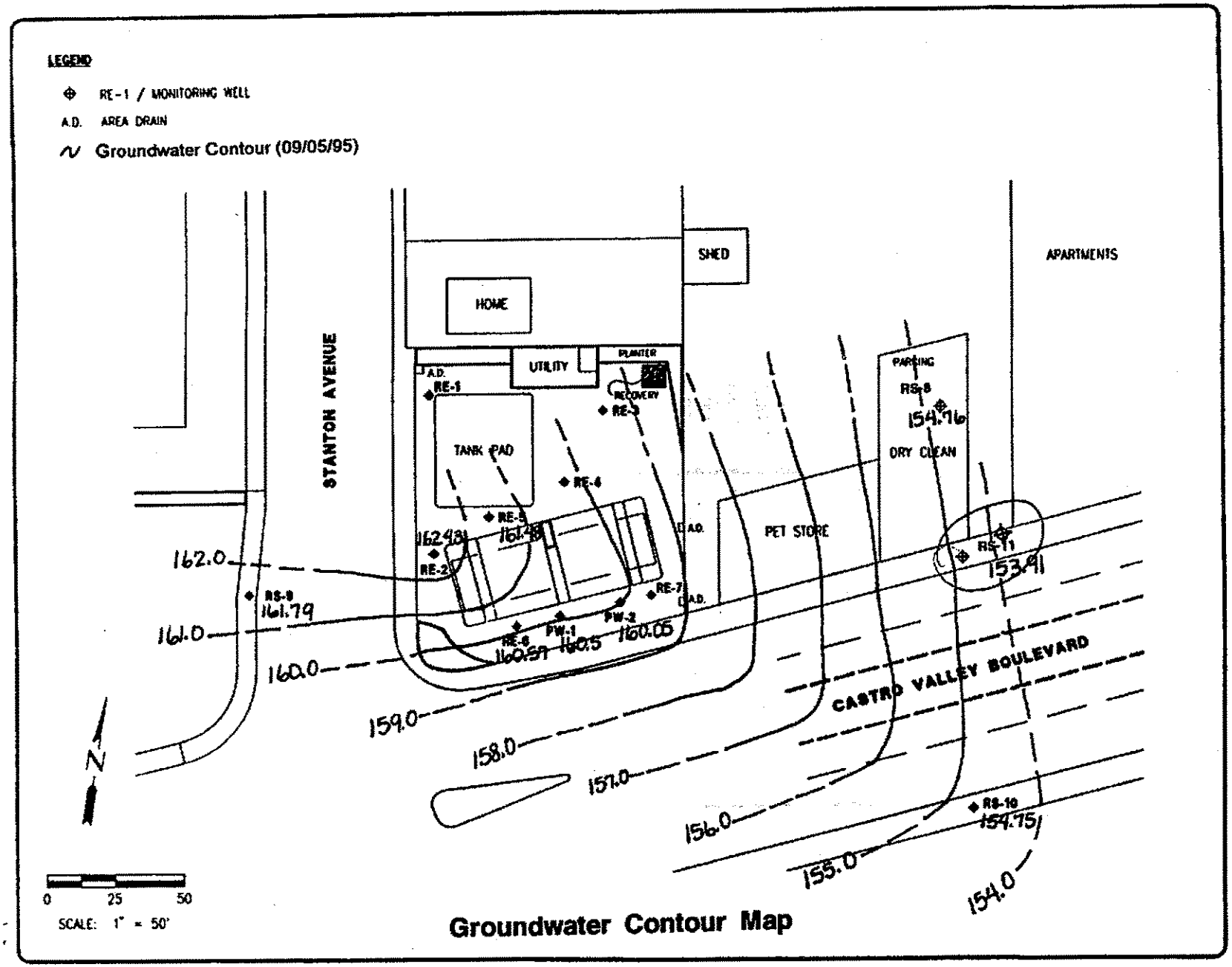
0 25 50
SCALE IN FEET

N

EXISTING MONITORING WELL

FIGURE 6

FIGURE 7



Groundwater Contour Map

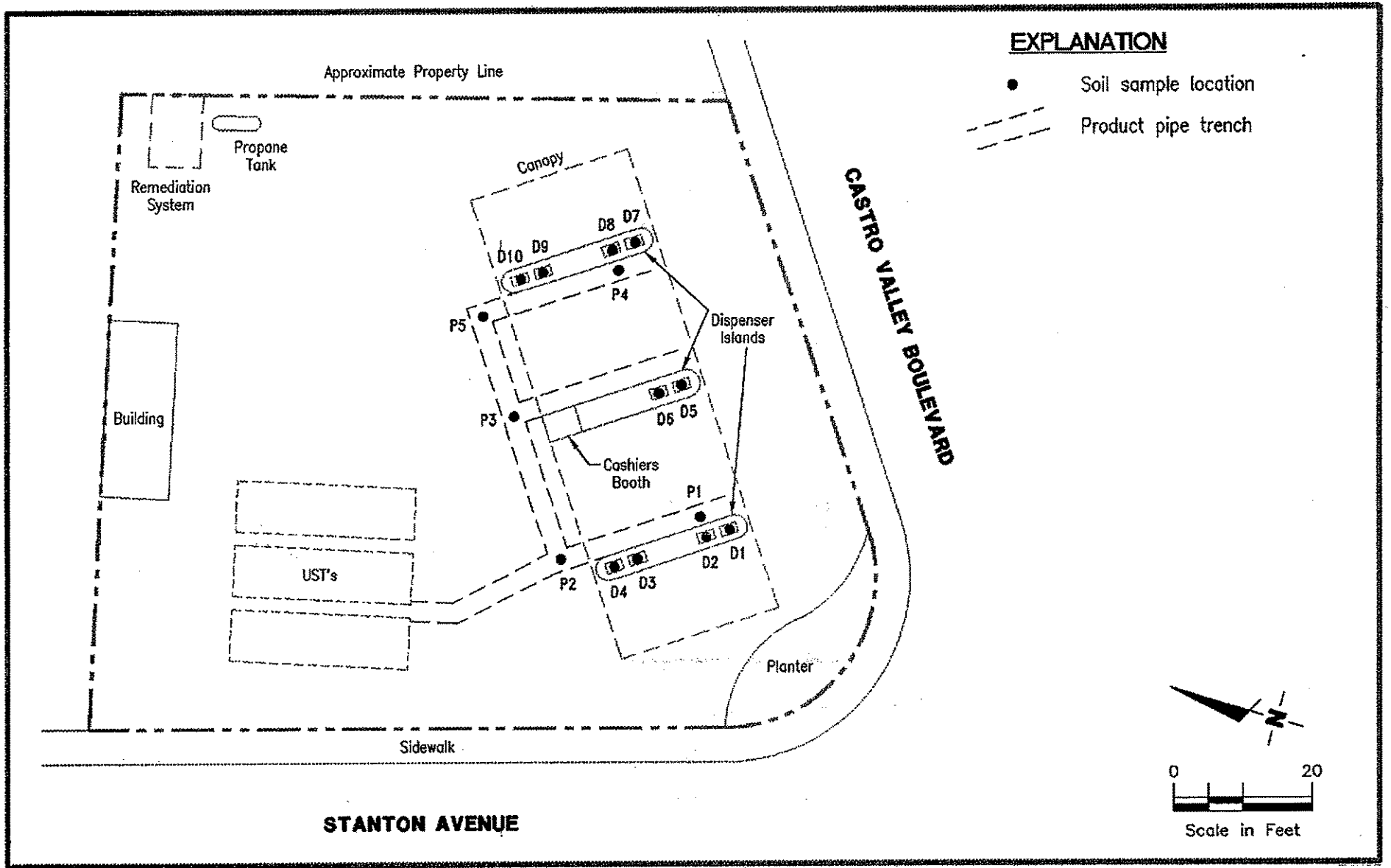
REVISIONS	BY

TRIFFETT OIL COMPANY
10666 LAKEWOOD BLVD.
DOWNEY, CA 90241
(310) 923-0670

STATION No. 054
CASTRO VALLEY BLVD./STANTON AVE.
CASTRO VALLEY, CA.

DRAWN BY: RCI
05-04-95
1" = 50'-0"

2



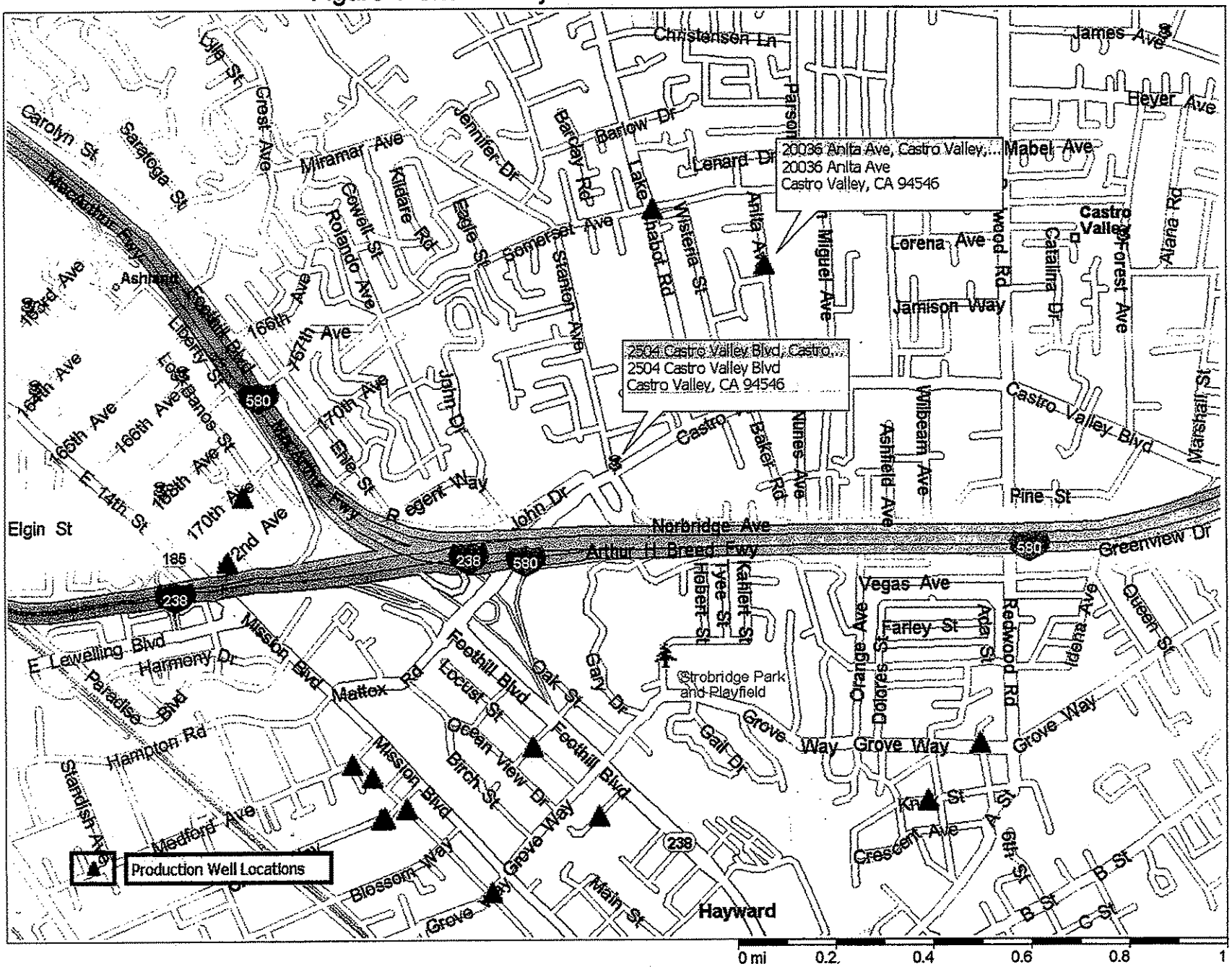
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (925) 551-7555
Dublin, CA 94568

SITE PLAN/SAMPLE LOCATION MAP
Tosco 76 Branded Facility #02486
2504 Castro Valley Boulevard
Castro Valley, California

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
140179.03		January, 1999	

FIGURE 8

Figure 1-Site Vicinity with Production Well Locations



GeoHydrologic Consultants, Inc.

FIGURE 9

FIGURE 10

Groundwater Data - Monitoring Well RE-2
Thrifty Oil Co. SS#054 - Castro Valley, CA

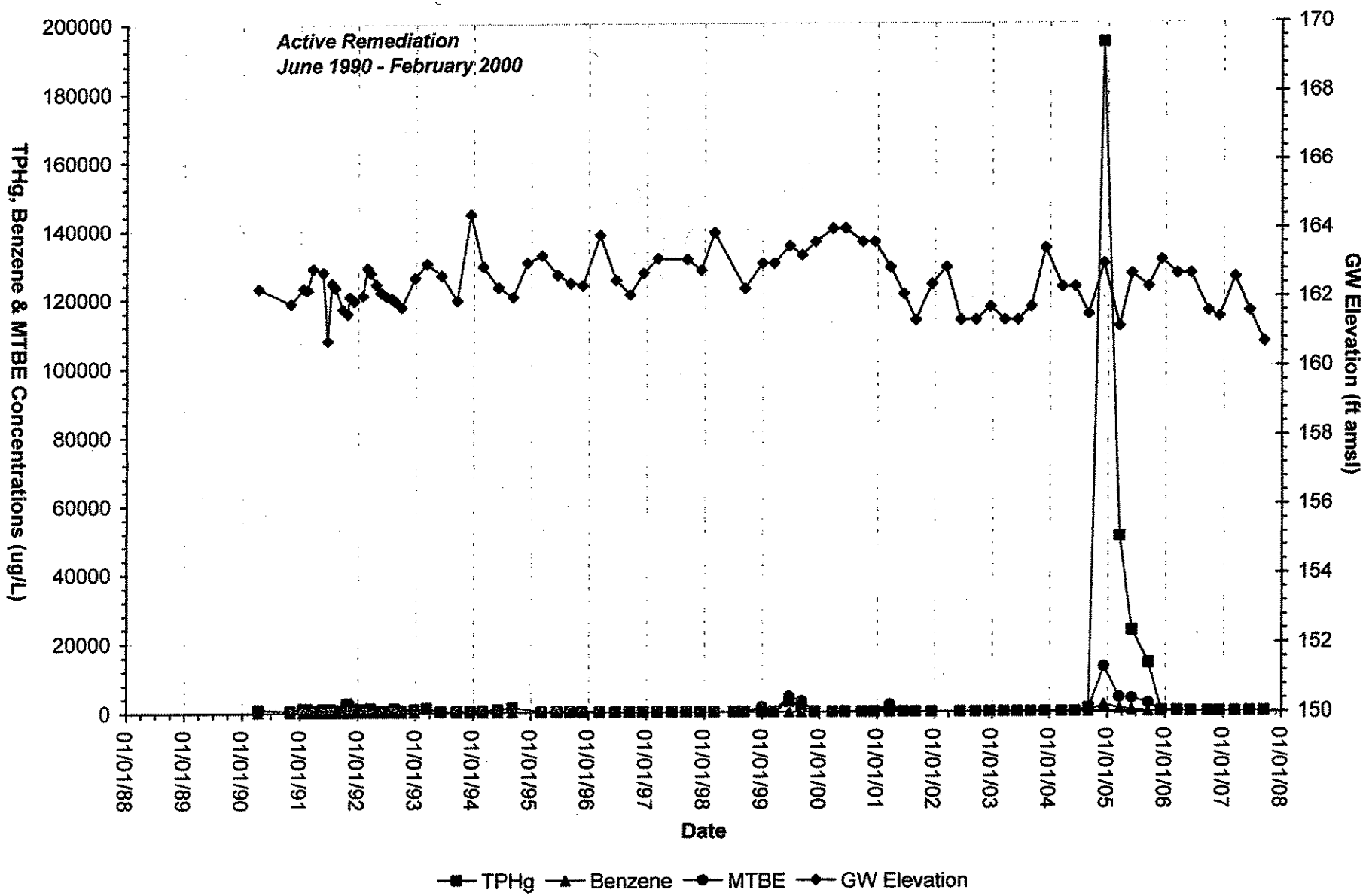


FIGURE 11

Groundwater Data - Monitoring Well RE-3
Thrifty Oil Co. SS#054 - Castro Valley, CA

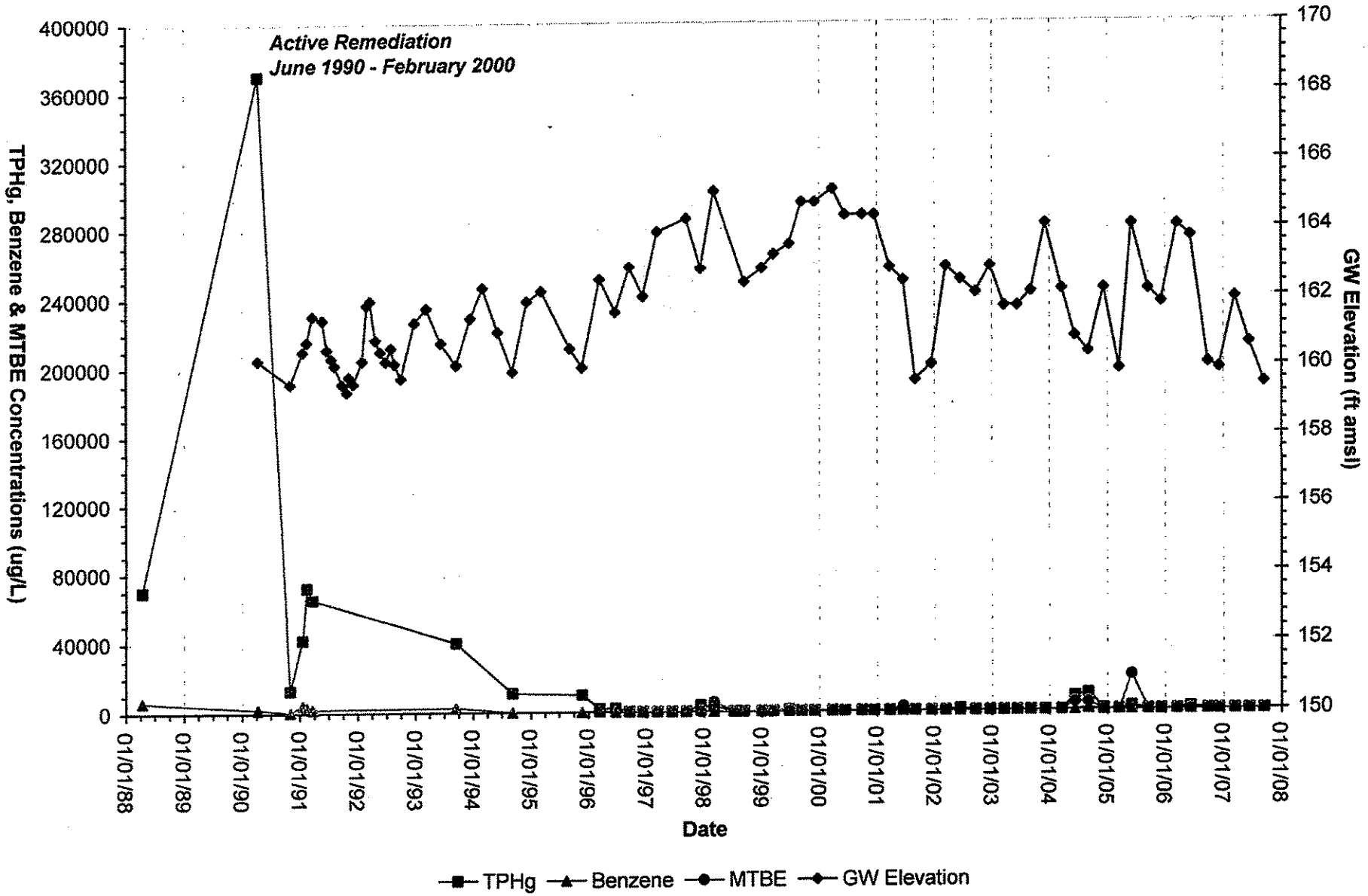


FIGURE 12

Groundwater Data - Monitoring Well RE-4
Thrifty Oil Co. SS#054 - Castro Valley, CA

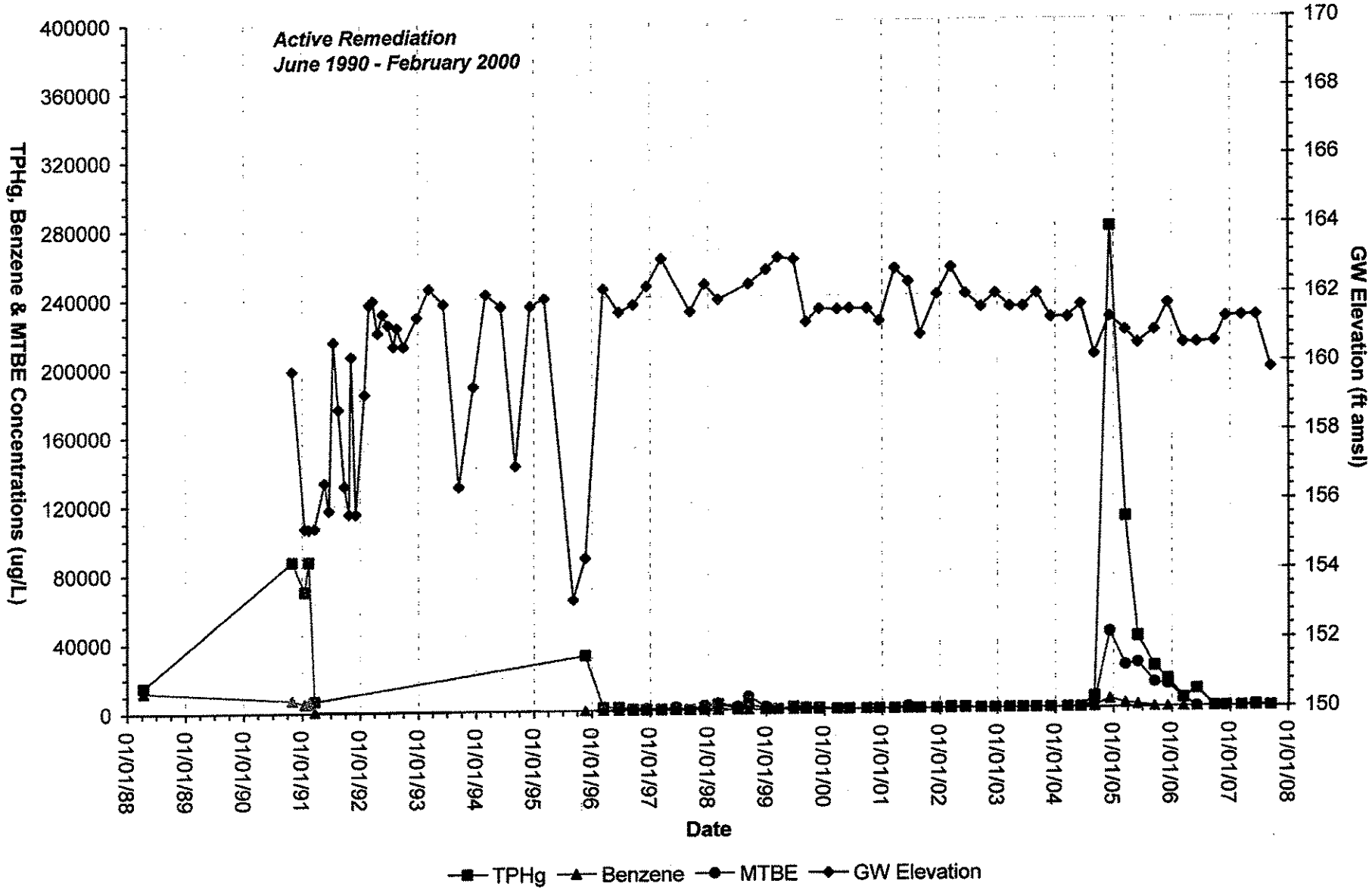


FIGURE 13

Groundwater Data - Monitoring Well RE-6
Thrifty Oil Co. SS#054 - Castro Valley, CA

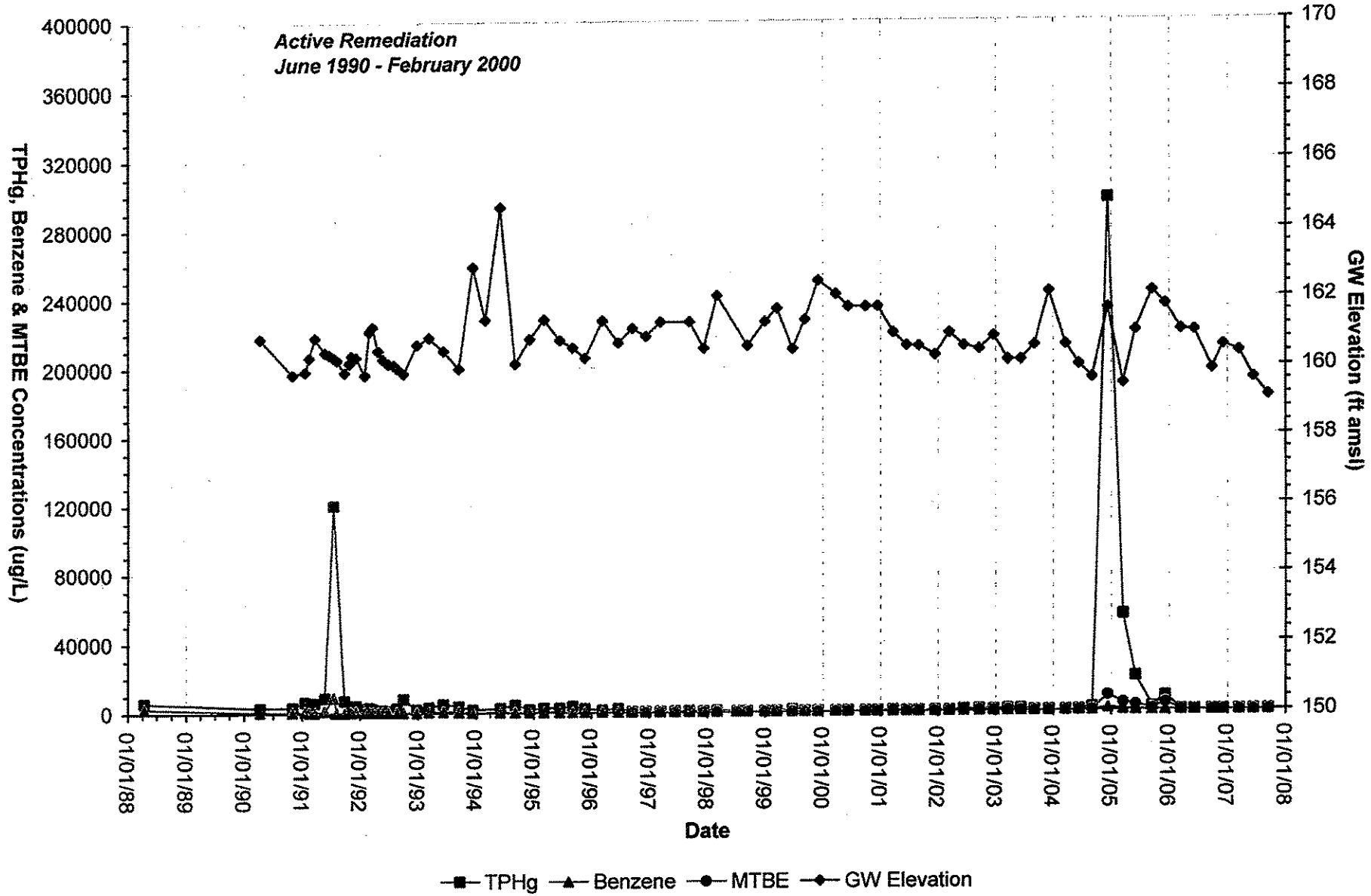


FIGURE 14

Groundwater Data - Monitoring Well RE-7
Thrifty Oil Co. SS#054 - Castro Valley, CA

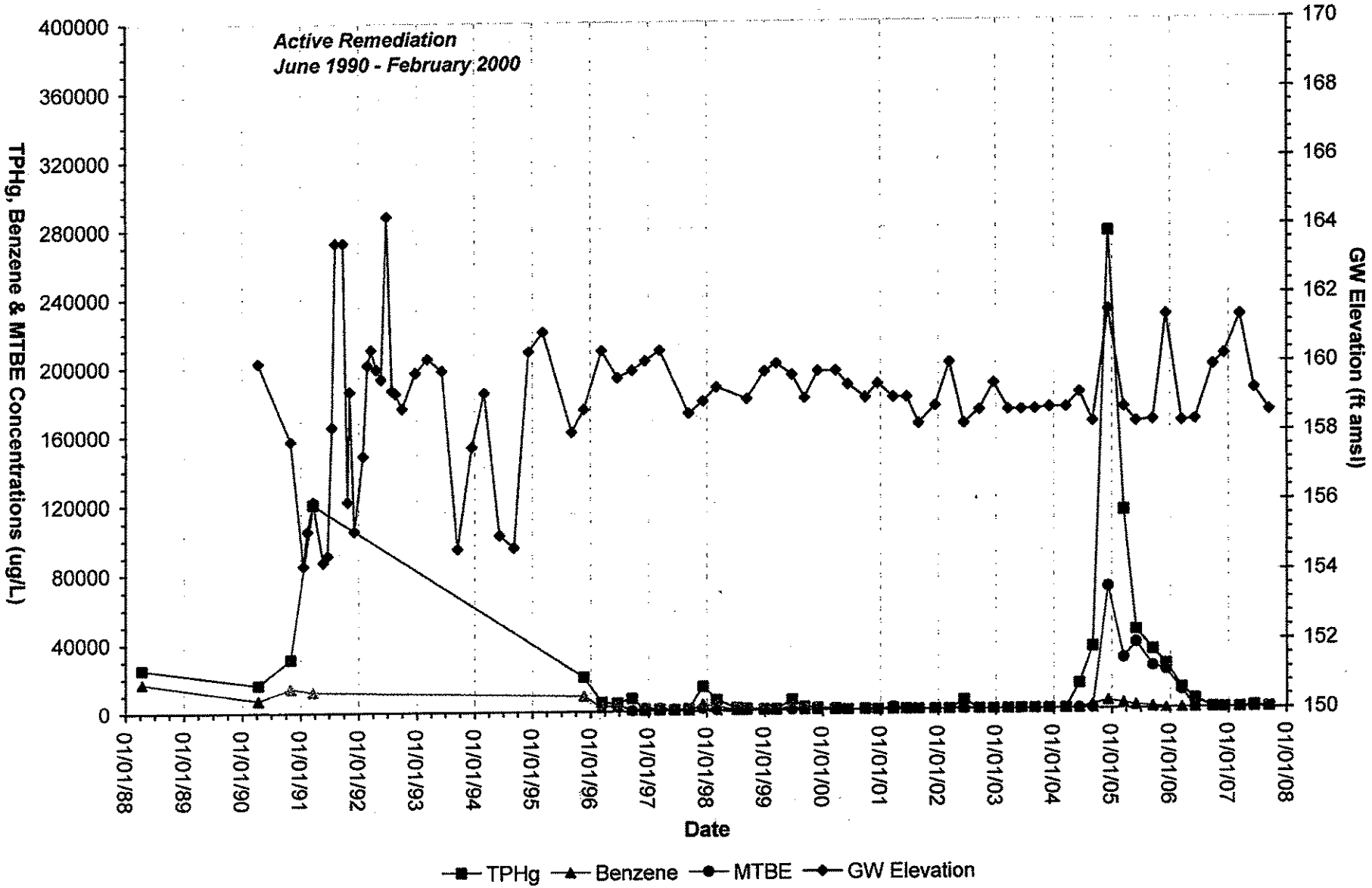
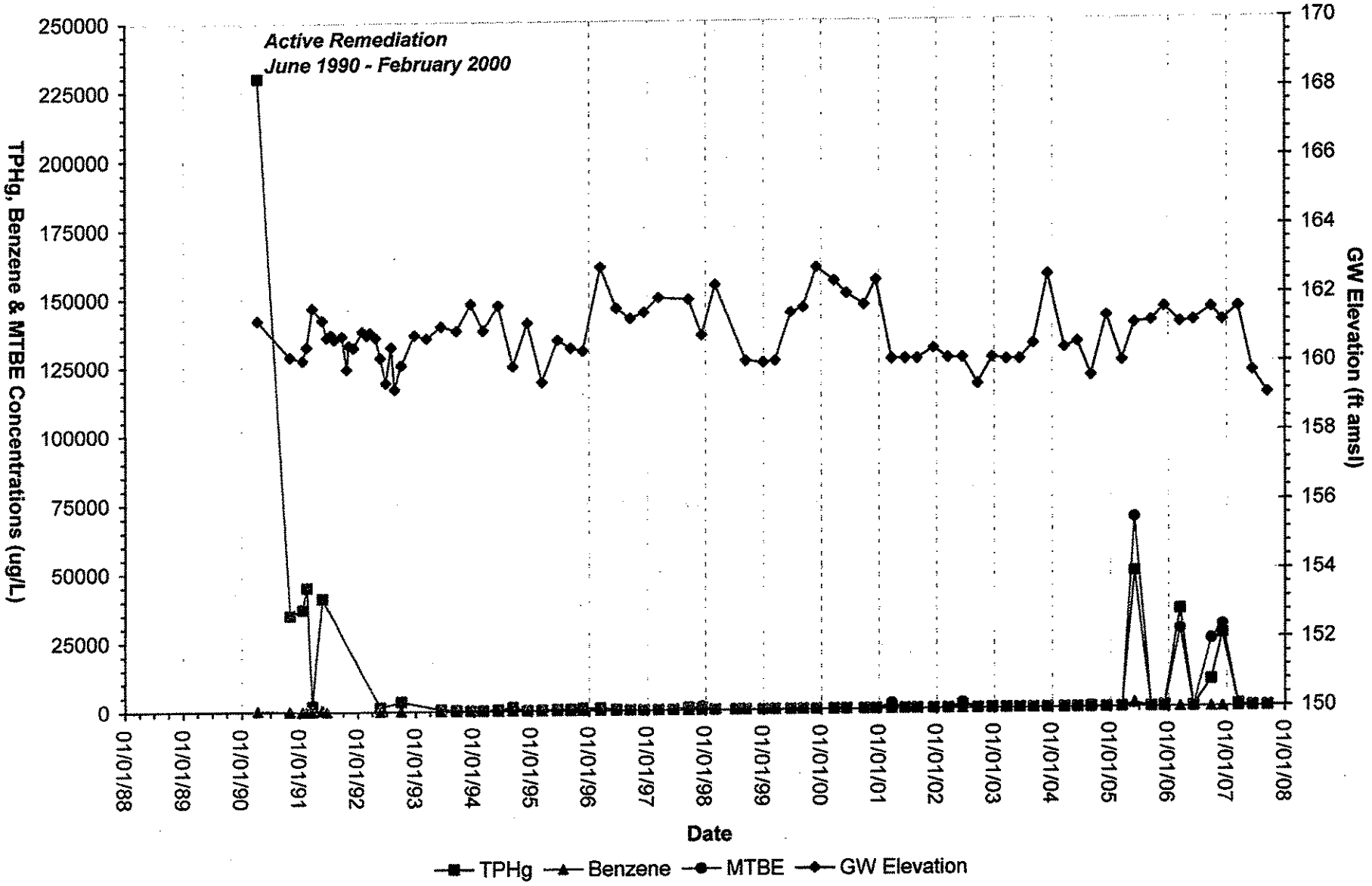


FIGURE 15

Groundwater Data - Monitoring Well PW-1
Thrifty Oil Co. SS#054 - Castro Valley, CA



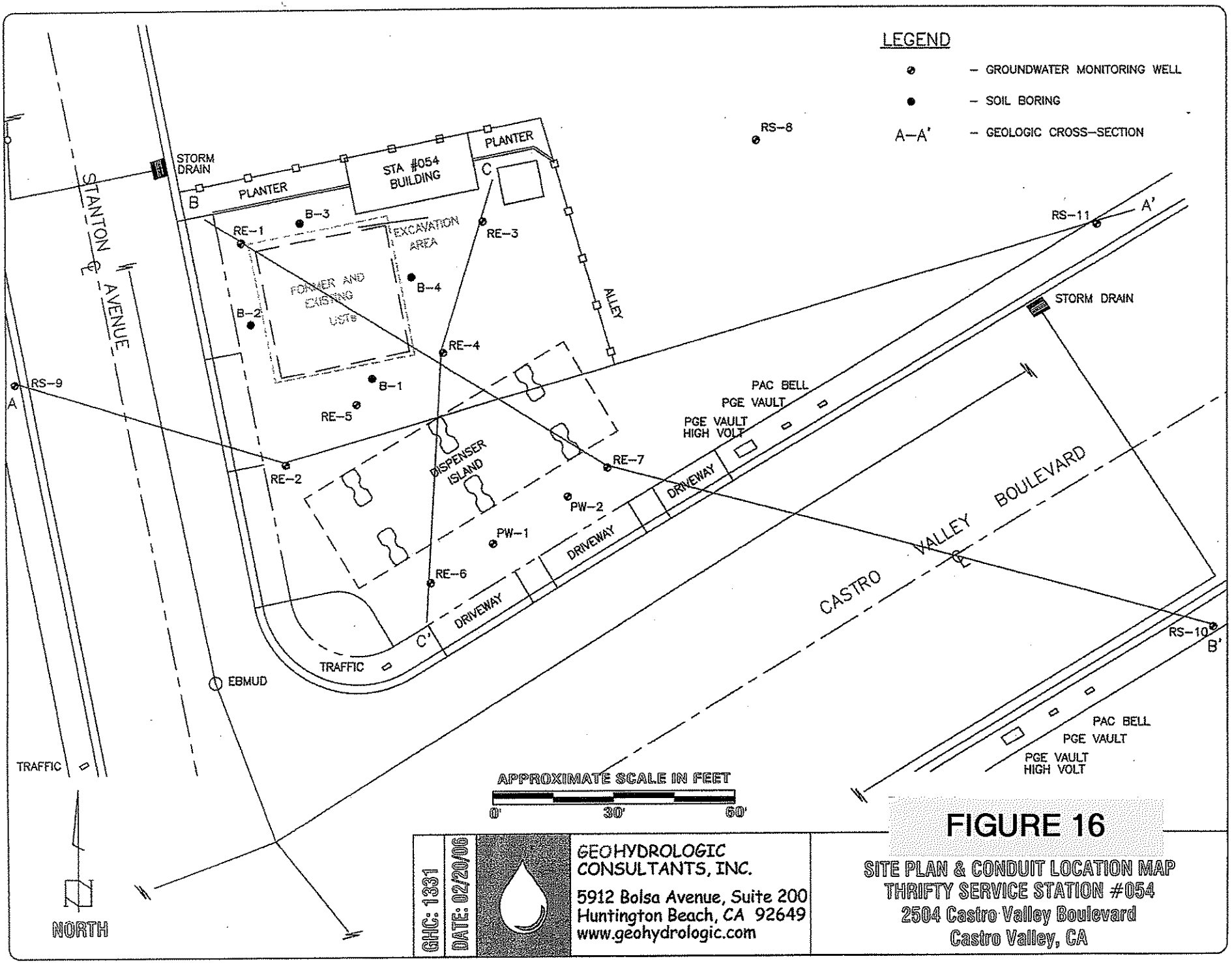
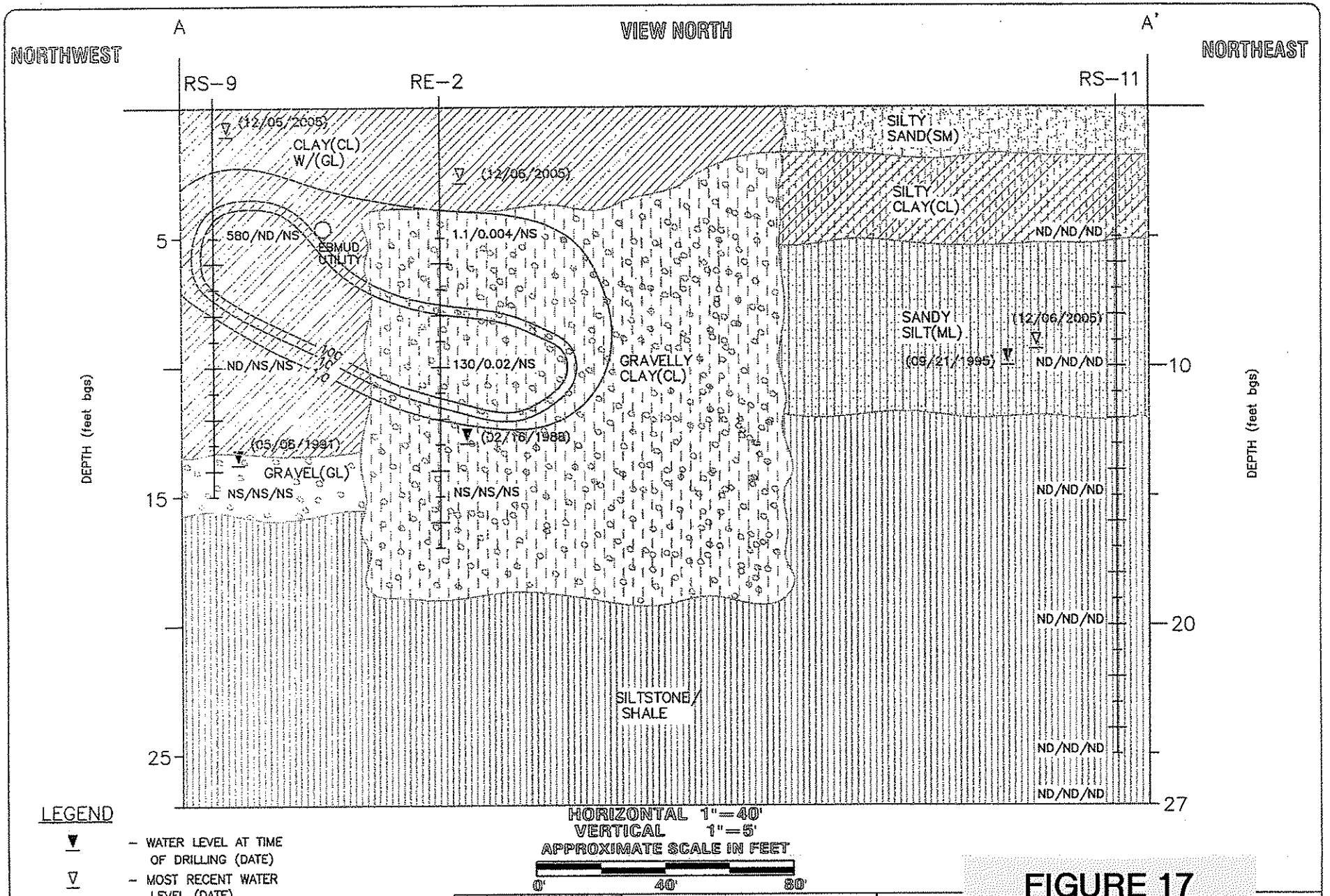


FIGURE 16

SITE PLAN & CONDUIT LOCATION MAP
THRIFTY SERVICE STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA

GHC: 1331
DATE: 02/20/06

GEOHYDROLOGIC CONSULTANTS, INC.
5912 Bolsa Avenue, Suite 200
Huntington Beach, CA 92649
www.geohydrologic.com



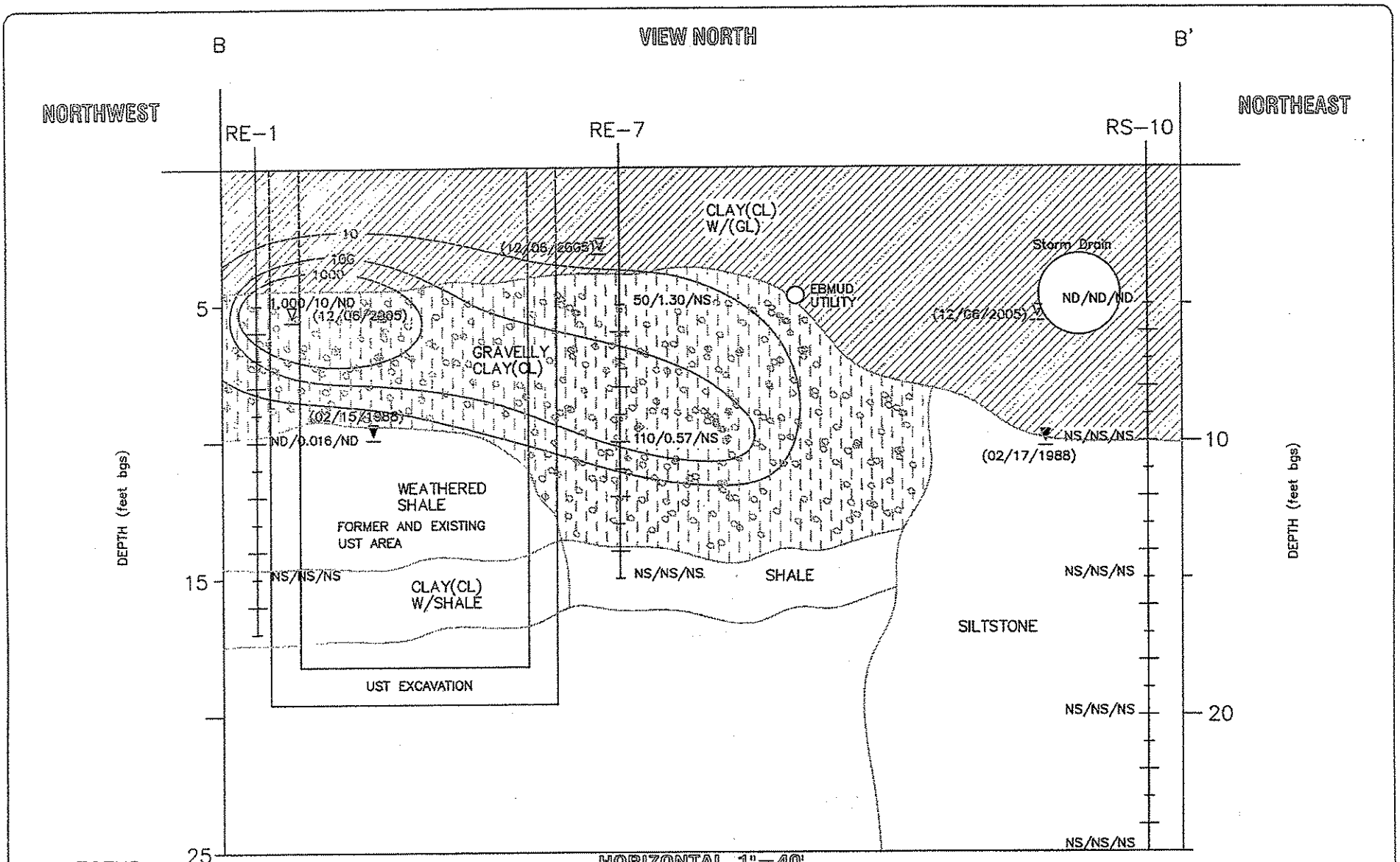
GHC: 1331

DATE: 04/28/06

GEOHYDROLOGIC CONSULTANTS, INC.
5912 Bolsa Avenue, Suite 200
Huntington Beach, CA 92649
www.geohydrologic.com

FIGURE 17

GEOLOGIC CROSS-SECTION A-A'
THRIFTY SERVICE STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA



LEGEND

- ▼ – WATER LEVEL AT TIME OF DRILLING (DATE)
- ▽ – MOST RECENT WATER LEVEL (DATE)
- ND/ND/ND – TPHg/BENZENE/MTBE CONCENTRATIONS in mg/Kg
- ND – NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS – NOT SAMPLED
- — 100 — – TPHg IN SOIL CONTOUR IN mg/Kg

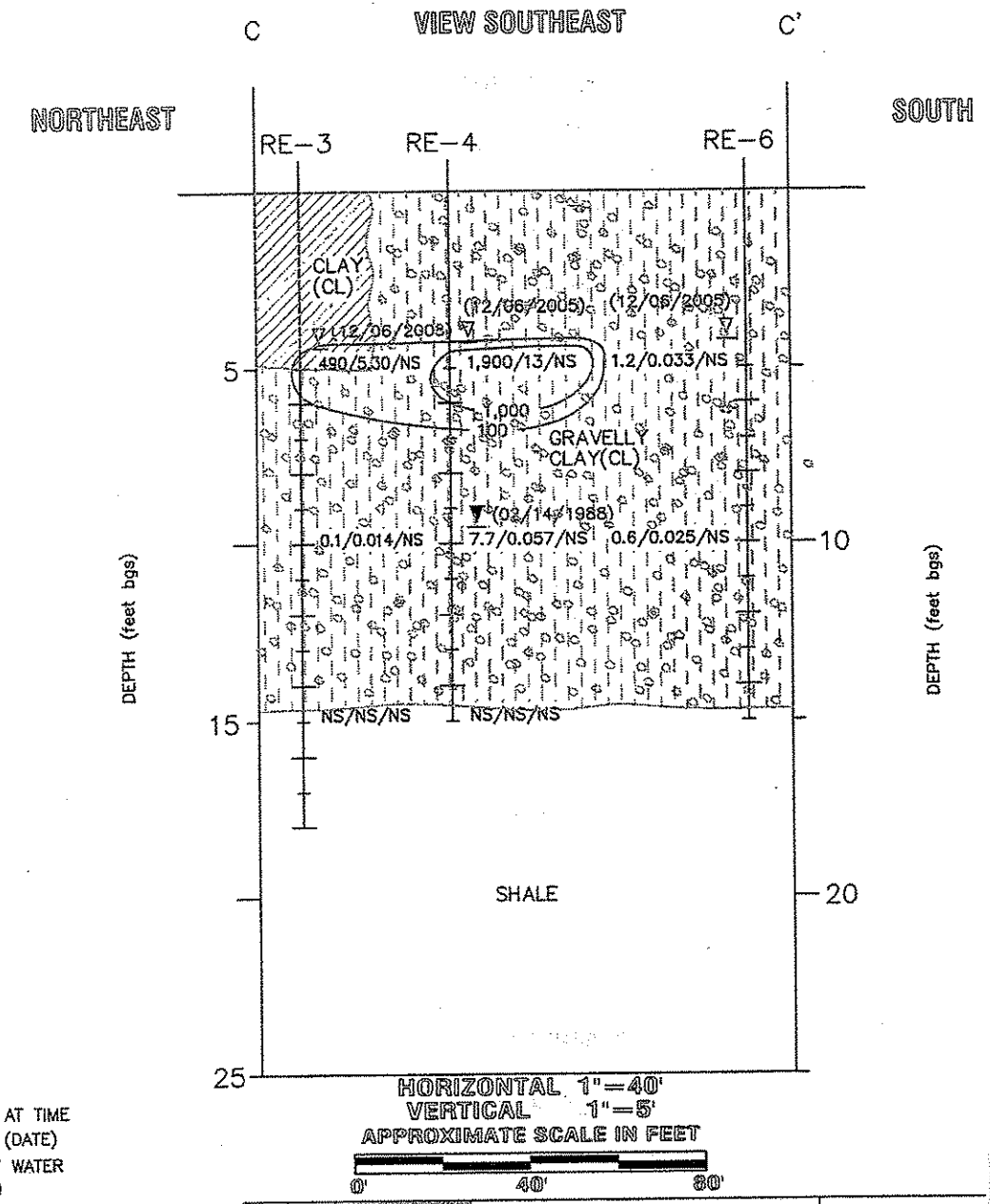
HORIZONTAL 1"=40'
VERTICAL 1"=5'
APPROXIMATE SCALE IN FEET
0' 40' 80'

GHC: 1331
DATE: 02/20/06

GEOHYDROLOGIC CONSULTANTS, INC.
5912 Bolsa Avenue, Suite 200
Huntington Beach, CA 92649
www.geohydrologic.com

FIGURE 18

GEOLOGIC CROSS-SECTION B-B'
THRIFTY SERVICE STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA



LEGEND

- ▼ – WATER LEVEL AT TIME OF DRILLING (DATE)
- ▽ – MOST RECENT WATER LEVEL (DATE)
- ND/ND/ND – TPHg/BENZENE/MTBE CONCENTRATIONS in mg/Kg
- ND – NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS – NOT SAMPLED
- — 100 — – TPHg IN SOIL CONTOUR IN mg/Kg

GHC: 1331 DATE: 02/20/06

GEOHYDROLOGIC CONSULTANTS, INC.
5912 Bolsa Avenue, Suite 200
Huntington Beach, CA 92649
www.geohydrologic.com

FIGURE 19

GEOLOGIC CROSS-SECTION C-C'
THRIFTY SERVICE STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA

TABLE 1
Historic Soil Sample Laboratory Analytical Results
Thrifty Oil Station #054 - Castro Valley, CA
GHC - 1331

Sample ID	Date Sampled	ANALYTICAL PARAMETERS					
		TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	MTBE (mg/Kg)
ESLs shallow soil (≤3m bgs		*100*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*
ESLs deep soil (>3m bgs)		*100*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*
B1-5	12/17/1986	230	-	-	-	-	-
B1-10	12/17/1986	1,120	-	-	-	-	-
B1-20	12/17/1986	420	-	-	-	-	-
B2-5	12/17/1986	320	-	-	-	-	-
B2-15	12/17/1986	<1	-	-	-	-	-
B3-5	12/17/1986	830	-	-	-	-	-
B3-15	12/17/1986	<1	-	-	-	-	-
B4-5	12/17/1986	850	-	-	-	-	-
B4-15	12/17/1986	4	-	-	-	-	-
PW-1*	-	-	-	-	-	-	-
PW-2*	-	-	-	-	-	-	-
RE1-5	2/15/1988	1,000	10	92	27	180	-
RE1-10	2/15/1988	ND	0.016	0.003	ND	0.005	-
RE2-5	2/16/1988	1.1	0.004	0.001	ND	ND	-
RE2-10	2/16/1988	130	0.02	0.02	0.75	0.14	-
RE3-5	2/14/1988	490	5.30	22.0	7.8	82.0	-
RE3-10	2/14/1988	0.1	0.014	0.010	ND	0.013	-
RE4-5	2/14/1988	1,900	13.0	120.0	44.0	410.0	-
RE4-10	2/14/1988	7.7	0.057	0.020	0.013	0.13	-
RE5-5	2/17/1988	17	0.36	0.036	0.029	0.14	-
RE5-10	2/17/1988	3.0	0.008	ND	0.007	0.017	-
RE6-5	2/17/1988	1.2	0.033	0.003	0.010	0.025	-
RE6-10	2/17/1988	0.6	0.025	0.002	0.004	0.005	-
RE7-5	2/17/1988	50	1.30	2.9	0.60	7.0	-
RE7-10	2/17/1988	110	0.57	0.05	0.08	0.37	-
RS8-5	5/8/1991	ND	0.045	0.013	0.006	0.023	-
RS8-10	5/8/1991	20	ND	ND	0.018	ND	-
RS9-5	5/8/1991	580	ND	0.46	1.0	4.0	-
RS9-10	5/8/1991	ND	ND	0.011	ND	ND	-
RS10-5	5/8/1991	ND	ND	0.005	ND	ND	-
RS11-5	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-
RS11-10	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-
RS11-15	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-
RS11-20	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-
RS11-24	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-
RS11-28	9/21/1995	<1	<0.005	<0.005	<0.005	<0.01	-

NOTES: TPHg analyzed by EPA Method 8015M
BTEX and MTBE analysis by EPA Method 8260B
"<" = Less than the specified laboratory detection limit
- = Not analyzed
* Wells PW-1 and PW-2: Data not available
ESLs = Environmental Screening Levels
3m bgs = 3 meters (10 feet) below ground surface

TABLE 2

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		WELL SCREEN
			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)	(feet)
PW-1	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.73	13.93	0.00	165.95	161.22	5 - 15
PW-2	INACT	06/18/08	-	-	-	-	-	-	NP	3.63	14.30	0.00	165.61	161.98	5 - 15
RE-1	INACT	06/18/08	-	-	-	-	-	-	NP	5.21	19.80	0.00	166.46	161.25	5 - 17
RE-2	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.03	16.98	0.00	166.61	161.58	5 - 17
RE-3	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.64	17.50	0.00	166.69	160.05	5 - 18
RE-4	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.94	14.49	0.00	166.23	161.29	5 - 15
RE-5	INACT	06/18/08	-	-	-	-	-	-	NP	5.19	17.77	0.00	166.56	161.37	5 - 20
RE-6	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.61	13.59	0.00	166.15	160.54	5 - 15
RE-7	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.11	13.15	0.00	165.33	160.22	5 - 15
RS-8	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	9.78	25.18	0.00	164.03	154.25	5 - 25
RS-9	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.15	14.93	0.00	167.05	162.90	5 - 15
RS-10	INACT	06/18/08	-	-	-	-	-	-	NP	5.90	24.30	0.00	162.43	156.53	5 - 25
RS-11	ACT	06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.25	24.70	0.00	162.71	156.46	5 - 25

NOTE:

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

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-1				*Screen Interval=5 to 15 feet (Est.)*								
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	<1.0	-	-	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	<50	<0.3	<0.3	<0.3	<0.5	<20	-	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	<50	<0.3	<0.3	<0.3	<0.5	<20	-	NP	4.50	0.00	166.46	161.96
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-	-
09/16/97	690	0.97	<0.3	<0.3	<0.5	<20	-	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	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	6.35	0.00	166.46	160.11

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 - 8020 (ug/L)	MTBE - 8260 (ug/L)					
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5.0	-	NP	6.40	0.00	166.46	160.06
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	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	<5.0	-	NP	4.80	0.00	166.46	161.66
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	3.64	0.00	166.46	162.82
03/23/00	<50	0.5	0.5	1.1	<0.5	<5.0	-	NP	4.03	0.00	166.46	162.43
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	-	<5.0	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
03/14/07	638	<3.2	<1.0	<2.4	<3.0		941	NP	4.35	0.00	165.95	161.60
06/12/07	96	<0.18	1.7 J	<0.21	11		20	NP	6.22	0.00	165.95	159.73
09/12/07	77	1.4	<0.24	<0.21	<0.45	-	64	NP	6.87	0.00	165.95	159.08
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.72	0.00	165.95	161.23
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.81	0.00	165.95	161.14
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.73	0.00	165.95	161.22
MONITORING WELL PW-2				*Screen Interval= 5 to 15 feet (Est)*								
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

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)					
05/22/91	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
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	-	NP	4.07	0.00	166.18	162.11
12/09/97	120	<0.3	0.73	<0.3	<0.5	420	-	NP	5.20	0.00	166.18	160.98
03/03/98	<50	0.43	0.48	<0.3	<0.5	47	-	NP	3.30	0.00	166.18	162.88
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	5.15	0.00	166.18	161.03
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5.0	-	NP	4.75	0.00	166.18	161.43
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	4.40	0.00	166.18	161.78
06/22/99	-	-	-	-	-	-	-	NP	4.50	0.00	166.18	161.68
09/08/99	100	<0.3	<0.3	<0.3	<0.5	230	-	NP	3.99	0.00	166.18	162.19
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	3.62	0.00	166.18	162.56
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	2.93	0.00	166.18	163.25
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	-	<5.0	NP	3.60	0.00	166.18	162.58

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 - 8240 (ug/L)					
09/27/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	3.61	0.00	166.18	162.57
12/13/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	3.60	0.00	166.18	162.58
03/22/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	5.14	0.00	166.18	161.04
06/15/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	5.13	0.00	166.18	161.05
08/30/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	5.90	0.00	166.18	160.28
12/12/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	6.20	0.00	166.18	159.98
03/13/02	-	-	-	-	-	-	-	NP	5.14	0.00	166.18	161.04
12/04/03	-	-	-	-	-	-	-	NP	3.20	0.00	165.61	162.41
03/18/04	-	-	-	-	-	-	-	NP	5.12	0.00	165.61	160.49
06/09/04	-	-	-	-	-	-	-	NP	4.72	0.00	165.61	160.89
09/02/04	-	-	-	-	-	-	-	NP	6.95	0.00	165.61	158.66
12/08/04	-	-	-	-	-	-	-	NP	3.63	0.00	165.61	161.98
03/16/05	-	-	-	-	-	-	-	NP	5.12	0.00	165.61	160.49
06/01/05	-	-	-	-	-	-	-	NP	4.00	0.00	165.61	161.61
09/14/05	-	-	-	-	-	-	-	NP	3.97	0.00	165.61	161.64
12/06/05	-	-	-	-	-	-	-	NP	3.97	0.00	165.61	161.64
03/15/06	-	-	-	-	-	-	-	NP	4.00	0.00	165.61	161.61
06/07/06	-	-	-	-	-	-	-	NP	4.73	0.00	165.61	160.88
09/26/06	-	-	-	-	-	-	-	NP	4.66	0.00	165.61	160.95
12/05/06	-	-	-	-	-	-	-	NP	3.60	0.00	165.61	162.01
03/14/07	-	-	-	-	-	-	-	NP	5.31	0.00	165.61	160.30
06/12/07	-	-	-	-	-	-	-	NP	6.04	0.00	165.61	159.57
09/12/07	-	-	-	-	-	-	-	NP	6.72	0.00	165.61	158.89
12/18/07	-	-	-	-	-	-	-	NP	3.64	0.00	165.61	161.97
03/11/08	-	-	-	-	-	-	-	NP	5.30	0.00	165.61	160.31
06/18/08	-	-	-	-	-	-	-	NP	3.63	0.00	165.61	161.98
MONITORING WELL #RE-1	*Screen Interval = 5 to 17 feet*											
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	38000	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

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)					
06/25/92	-	-	-	-	-	-	-	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	162.14
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
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	<5.0	-	-	-	-	-	-
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	<5.0	-	NP	5.65	0.00	166.82	161.17
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	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	<5.0	-	NP	4.08	0.00	166.82	162.74
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	3.68	0.00	166.82	163.14
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	-	<5.0	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
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

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)					
06/01/05	-	-	-	-	-	-	-	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
03/14/07	-	-	-	-	-	-	-	NP	3.46	0.00	166.46	163.00
06/12/07	-	-	-	-	-	-	-	NP	4.82	0.00	166.46	161.64
09/12/07	-	-	-	-	-	-	-	NP	6.12	0.00	166.46	160.34
12/18/07	-	-	-	-	-	-	-	NP	5.23	0.00	166.46	161.23
03/11/08	-	-	-	-	-	-	-	NP	3.11	0.00	166.46	163.35
06/18/08	-	-	-	-	-	-	-	NP	5.21	0.00	166.46	161.25
MONITORING WELL #RE2	*Screen Interval – 5 to 17 feet*											
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

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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)					
03/08/95	<100	<0.5	<0.5	<0.5	<1.0	-	-	NP	3.96	0.00	167.19	163.23
06/15/95	130	<0.5	<0.5	<0.5	<1.0	-	-	NP	4.52	0.00	167.19	162.67
09/05/95	210	<0.5	<0.5	<0.5	<1.0	-	-	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
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	<5.0	-	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	<5.0	-	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	<5.0	-	NP	3.58	0.00	167.19	163.61
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	3.19	0.00	167.19	164.00
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	-	<5.0	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

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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)					
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	4.06	0.00	166.61	162.55
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.04	0.00	166.61	161.57
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.94	0.00	166.61	160.67
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.04	0.00	166.61	161.57
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	3.77	0.00	166.61	162.84
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.03	0.00	166.61	161.58
MONITORING WELL #RE-3	*Screen Interval = 5 to 18 feet*											
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	<3.0	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	<3.0	<3.0	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

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)					
12/10/96	<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
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	-	NP	3.10	0.00	167.39	164.29
12/09/97	3,600	1,000	1,000	<6	570	260	-	NP	4.55	0.00	167.39	162.84
03/03/98	2,800	20	0.65	0.39	16	5,600	-	NP	2.30	0.00	167.39	165.09
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	23	-	NP	4.95	0.00	167.39	162.44
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5.0	-	NP	4.55	0.00	167.39	162.84
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	4.15	0.00	167.39	163.24
06/22/99	670	17	1.2	0.36	1.7	340	-	NP	3.85	0.00	167.39	163.54
09/08/99	140	0.72	<0.3	<0.3	<0.5	230	-	NP	2.63	0.00	167.39	164.76
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	2.25	0.00	167.39	165.14
06/08/00	<100	<5.0	<5.0	<5.0	<5.0	-	201	NP	3.02	0.00	167.39	164.37
09/27/00	154	<0.18	<0.14	<0.18	<0.26	254	160	NP	3.01	0.00	167.39	164.38
12/13/00	<50	<0.18	<0.14	<0.18	<0.26	124	111	NP	3.02	0.00	167.39	164.37
03/22/01	<50	<0.18	<0.14	<0.18	<0.26	90	57	NP	4.54	0.00	167.39	162.85
06/15/01	649	28	2.4	3.1	9.0	1,790	2,560	NP	4.92	0.00	167.39	162.47
08/30/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	7.80	0.00	167.39	159.59
12/12/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	7.35	0.00	167.39	160.04
03/13/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	4.53	0.00	167.39	162.86
06/12/02	969	<0.18	1.0	<0.18	<0.26	1,430	-	NP	4.90	0.00	167.39	162.49
09/18/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	5.28	0.00	167.39	162.11
12/18/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	4.52	0.00	167.39	162.87
03/19/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	-	NP	5.67	0.00	167.39	161.72
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	5.26	0.00	167.39	162.13
12/04/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	-	NP	2.59	0.00	166.69	164.10
03/18/04	57	<0.22	1.7 J	<0.31	<0.4	-	13	NP	4.50	0.00	166.69	162.19
06/09/04	7,950	39	21	<1.8	20	4,590	-	NP	5.85	0.00	166.69	160.84
09/02/04	9,560	982	65	77	86	5,950	4,360	NP	6.30	0.00	166.69	160.39
12/08/04	233	1.3	3.9	1.7	2.6	72	80	NP	4.48	0.00	166.69	162.21
03/16/05	<15	<0.22	<0.32	<0.31	<0.4	-	<0.18	NP	6.80	0.00	166.69	159.89
06/01/05	1,710	3.7	<1.1	<0.7	9.2	20,100	14,400	NP	2.62	0.00	166.69	164.07
09/14/05	<2.9	<0.32	<0.10	<0.24	<0.30	-	<0.63	NP	4.51	0.00	166.69	162.18
12/06/05	<2.9	<0.32	<0.10	<0.24	<0.3	-	<0.63	NP	4.88	0.00	166.69	161.81
03/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	-	<0.63	NP	2.64	0.00	166.69	164.05
06/07/06	1,150	1.4	164	34	162	-	<0.63	NP	2.97	0.00	166.69	163.72
09/26/06	<5.6	<0.32	<0.10	<0.24	<0.30	-	6.0	NP	6.65	0.00	166.69	160.04
12/05/06	<5.6	<0.32	<0.10	<0.24	<0.3	-	1.3	NP	6.80	0.00	166.69	159.89
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3	-	<0.63	NP	4.76	0.00	166.69	161.93
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.07	0.00	166.69	160.62
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	7.22	0.00	166.69	159.47
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.63	0.00	166.69	160.06
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.36	0.00	166.69	162.33
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.64	0.00	166.69	160.05

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-4				*Screen Interval =5 to 15 feet*								
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	-	-	-	-	-	-	-	FILM	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	0.73	<0.3	<0.5	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	<0.3	<0.3	11	370	-	NP	3.87	0.00	166.94	163.07
06/12/97	510	0.66	<0.3	<0.3	<0.5	1,600	-	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	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	-	-	-	-	-	-

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)					
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	<5.0	-	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	<5.0	-	NP	5.36	0.00	166.94	161.58
06/08/00	67	<5.0	<5.0	<5.0	<5.0	-	<5.0	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	<3.0	-	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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	4.93	0.00	166.23	161.30
06/12/07	723	23	1.6 J	1.3 J	2.0 J	-	37	NP	4.92	0.00	166.23	161.31
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.43	0.00	166.23	159.80
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.97	0.00	166.23	161.26
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	3.28	0.00	166.23	162.95
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.94	0.00	166.23	161.29
MONITORING WELL #RE-5				*Screen Interval – 5 to 20 feet*								
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

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)					
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
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	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	6.77	0.00	166.51	159.74
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	5.95	0.00	166.51	160.56
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	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	<5.0	-	NP	3.66	0.00	166.51	162.85

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)					
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	4.06	0.00	166.51	162.45
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	<5.0	-	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
12/04/03	-	-	-	-	-	-	-	NP	3.67	0.00	166.56	162.89
03/18/04	-	-	-	-	-	-	-	NP	5.20	0.00	166.56	161.36
06/09/04	-	-	-	-	-	-	-	NP	4.61	0.00	166.56	161.95
09/02/04	-	-	-	-	-	-	-	NP	4.93	0.00	166.56	161.63
12/08/04	-	-	-	-	-	-	-	NP	4.06	0.00	166.56	162.50
03/16/05	-	-	-	-	-	-	-	NP	5.56	0.00	166.56	161.00
06/01/05	-	-	-	-	-	-	-	NP	4.42	0.00	166.56	162.14
09/14/05	-	-	-	-	-	-	-	NP	4.41	0.00	166.56	162.15
12/06/05	-	-	-	-	-	-	-	NP	4.03	0.00	166.56	162.53
03/15/06	-	-	-	-	-	-	-	NP	4.42	0.00	166.56	162.14
06/07/06	-	-	-	-	-	-	-	NP	5.18	0.00	166.56	161.38
09/26/06	-	-	-	-	-	-	-	NP	5.06	0.00	166.56	161.50
12/05/06	-	-	-	-	-	-	-	NP	5.14	0.00	166.56	161.42
03/14/07	-	-	-	-	-	-	-	NP	3.28	0.00	166.56	163.28
06/12/07	-	-	-	-	-	-	-	NP	5.53	0.00	166.56	161.03
09/12/07	-	-	-	-	-	-	-	NP	6.08	0.00	166.56	160.48
12/18/07	-	-	-	-	-	-	-	NP	5.16	0.00	166.56	161.40
03/11/08	-	-	-	-	-	-	-	NP	2.74	0.00	166.56	163.82
06/18/08	-	-	-	-	-	-	-	NP	5.19	0.00	166.56	161.37
MONITORING WELL #RE-6	*Screen Interval = 5 to 15 feet*											
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

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)					
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
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	<5.0	-	NP	5.90	0.00	166.51	160.61
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	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	<5.0	-	NP	4.41	0.00	166.51	162.10
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	<5.0	-	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

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	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	166.15	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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	5.76	0.00	166.15	160.39
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.53	0.00	166.15	159.62
09/12/07	<5.6	<0.18	<0.24	<0.21	2.1 J	-	4.2	NP	7.04	0.00	166.15	159.11
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.60	0.00	166.15	160.55
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.76	0.00	166.15	160.39
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.61	0.00	166.15	160.54
MONITORING WELL #RE-7				*Screen Interval—5 to 15 feet*								
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

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)					
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	1,400	-	NP	5.62	0.00	166.04	160.42
06/12/97	320	<0.3	0.45	<0.3	<0.5	850	-	-	-	-	-	-
09/10/97	780	<0.3	<0.3	<0.3	<0.5	930	-	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	<3.0	<3.0	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	<5.0	<5.0	<5.0	<5.0	-	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	165.33	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

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	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 J	-	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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	3.98	0.00	165.33	161.35
06/12/07	866	25	1.8 J	1.2 J	1.9 J	-	51	NP	6.12	0.00	165.33	159.21
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.76	0.00	165.33	158.57
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.13	0.00	165.33	160.20
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.67	0.00	165.33	160.66
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	5.11	0.00	165.33	160.22
MONITORING WELL #RS-8				*Screen Interval - 5 to 25 feet*								
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	<1.0	-	-	NP	8.34	0.00	164.32	155.98
06/15/95	<100	1.0	<0.5	<0.5	<1.0	-	-	NP	9.12	0.00	164.32	155.20
09/05/95	<100	<0.5	<0.5	<0.5	<1.0	-	-	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

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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 8020 (ug/L)	MTBE 8260 (ug/L)					
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
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	<5.0	<5.0	<5.0	<5.0	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
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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3	-	<0.63	NP	6.76	0.00	164.03	157.27
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	7.82	0.00	164.03	156.21
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	8.43	0.00	164.03	155.60
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	9.80	0.00	164.03	154.23
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.58	0.00	164.03	157.45
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	9.78	0.00	164.03	154.25
MONITORING WELL #RS-9				*Screen Interval – 5 to 15 feet*								
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS							DEPTH TO PRODUCT	DEPTH TO GROUNDWATER	PRODUCT THICKNESS	CASING ELEVATION	GROUNDWATER ELEVATION
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE - 8021 (ug/L)	MTBE - 8260 (ug/L)	(feet)	(feet)	(feet)	(feet)	(feet)
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
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	<1.0	-	-	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	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	2.72	0.00	167.51	164.79
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	1.20	0.00	167.51	166.31
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	4.25	0.00	167.51	163.26
06/22/99	1,300	4.2	1.2	0.69	0.74	<5.0	-	NP	3.70	0.00	167.51	163.81
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	2.71	0.00	167.51	164.80
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	2.70	0.00	167.51	164.81
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	2.70	0.00	167.51	164.81
06/08/00	585	<5.0	<5.0	<5.0	<5.0	-	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 8021 (ug/L)	MTBE 8260 (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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	2.63	0.00	167.05	164.42
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.73	0.00	167.05	162.32
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.75	0.00	167.05	160.30
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	5.3	NP	4.17	0.00	167.05	162.88
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	2.2	NP	4.72	0.00	167.05	162.33
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.15	0.00	167.05	162.90
MONITORING WELL #RS-10				*Screen Interval = 5 to 25 feet*								
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 (ug/L)	MTBE 8260 (ug/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	<1.0	-	-	NP	7.84	0.00	162.89	155.05
06/15/95	<100	<0.5	<0.5	<0.5	<1.0	-	-	NP	6.97	0.00	162.89	155.92
09/05/95	<100	<0.5	<0.5	<0.5	<1.0	-	-	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	-	-	-	-	-	-
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	<5.0	-	-	-	-	-	-
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	<5.0	-	NP	4.45	0.00	162.89	158.44
03/15/99	<50	<0.3	<0.3	<0.3	1.3	<5.0	-	NP	4.50	0.00	162.89	158.39
06/22/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	9.15	0.00	162.89	153.74
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	7.51	0.00	162.89	155.38
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	5.97	0.00	162.89	156.92
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	-	NP	4.47	0.00	162.89	158.42
06/08/00	<50	<5.0	<5.0	<5.0	<5.0	<5.0	-	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
12/04/03	-	-	-	-	-	-	-	NP	5.98	0.00	162.43	156.45
03/18/04	-	-	-	-	-	-	-	NP	8.85	0.00	162.43	153.58
06/09/04	-	-	-	-	-	-	-	NP	6.27	0.00	162.43	156.16
09/02/04	-	-	-	-	-	-	-	NP	6.17	0.00	162.43	156.26
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
03/14/07	-	-	-	-	-	-	-	NP	4.42	0.00	162.43	158.01
06/12/07	-	-	-	-	-	-	-	NP	5.98	0.00	162.43	156.45
09/12/07	-	-	-	-	-	-	-	NP	6.32	0.00	162.43	156.11

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)					
12/18/07	-	-	-	-	-	-	-	NP	5.93	0.00	162.43	156.50
03/11/08	-	-	-	-	-	-	-	NP	3.53	0.00	162.43	158.90
06/18/08	-	-	-	-	-	-	-	NP	5.90	0.00	162.43	156.53
MONITORING WELL #RS-11	*Screen Interval = 5 to 25 feet*											
09/21/95	110	<0.5	<0.5	<0.5	<1.0	-	-	NP	9.37	0.00	163.28	153.91
03/12/97	74	9.5	<0.3	<0.3	0.57	<20	-	NP	7.75	0.00	163.28	155.53
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	NP	9.50	0.00	163.28	153.78
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	<5.0	-	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	9.48	0.00	163.28	153.80
12/30/98	<50	1.3	0.87	<0.3	0.55	<5.0	-	NP	7.95	0.00	163.28	155.33
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	-	NP	6.40	0.00	163.28	156.88
06/22/99	350	89	2.9	3.3	0.91	6.8	-	NP	11.00	0.00	163.28	152.28
09/08/99	99	9.1	0.37	<0.3	<0.5	<5.0	-	NP	7.90	0.00	163.28	155.38
12/01/99	82	9.7	0.44	<0.3	<0.5	<5.0	-	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	4.85	0.00	163.28	158.43
06/08/00	306	<5.0	<5.0	<5.0	<5.0	-	<5.0	NP	7.90	0.00	163.28	155.38
09/27/00	<50	1.0	<0.14	<0.18	<0.26	3.0 J	3.6	NP	9.44	0.00	163.28	153.84
12/13/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	6.34	0.00	163.28	156.94
03/22/01	408	<0.18	<0.14	<0.18	<0.26	664	941	NP	7.96	0.00	163.28	155.32
06/15/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	7.87	0.00	163.28	155.41
08/30/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	9.41	0.00	163.28	153.87
12/12/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	7.86	0.00	163.28	155.42
03/13/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	7.85	0.00	163.28	155.43
06/12/02	<50	<0.18	1.0	<0.18	<0.26	<0.24	-	NP	9.39	0.00	163.28	153.89
09/18/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	-	NP	9.38	0.00	163.28	153.90
12/18/02	110	<0.18	<0.14	<0.18	<0.26	101	-	NP	6.32	0.00	163.28	156.96
03/19/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	-	NP	9.39	0.00	163.28	153.89
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
03/14/07	<5.6	<0.32	<0.10	<0.24	<0.3		<0.63	NP	4.77	0.00	162.71	157.94

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)					
06/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.36	0.00	162.71	158.35
09/12/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.97	0.00	162.71	157.74
12/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.27	0.00	162.71	156.44
03/11/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	4.29	0.00	162.71	158.42
06/18/08	<6.6	<0.18	<0.24	<0.21	<0.45	-	<0.19	NP	6.25	0.00	162.71	156.46

NOTE:

ND = Nondetectable

" - " = Not Analyzed / Not Available

NP = No Free Product

*MTBE 8020/8260

Benzene, toluene, ethlybenzene, 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

TABLE 3

GTEL ENVIRONMENTAL LABORATORIES, INC.

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*

11/14/88mt Page 1 of 1

WORK ORD#: 8811106
CLIENT: Greg Hoehn
Groundwater Technology, Inc.
4080 Pike Lane
Concord, CA 94520
PROJECT#: 203-425-5003-4
LOCATION: 2504 Castro Valley Blvd.
Castro Valley, CA
SAMPLED: 11/10/88 BY: D. Kaufman
RECEIVED: 11/11/88 BY: E. Larsen
ANALYZED: 11/11/88 BY: R. Condit
MATRIX: Water
UNITS: ug/L (ppb)

TEST RESULTS

COMPOUNDS	MDL	LAB # I.D.#	01A TANKWATER
Benzene	0.5		12000
Toluene	0.5		18000
Ethylbenzene	0.5		2500
Xylenes	0.5		30000
Total BTEX	0.5		63000
Misc. Hydrocarbons (C4-C12)	1		67000
Total Petroleum Hydrocarbons as Gasoline	1		130000

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

Emma P. Popek

EMMA P. POPEK, Director

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*

11/14/88mt

WORK ORD#: 8811105
CLIENT: Greg Hoehn
Groundwater Technology, Inc.
4080 Pike Lane
Concord, CA 94520
PROJECT#: 203-425-5003-3
LOCATION: 2504 Castro Valley Blvd.
Castro Valley, CA
SAMPLED: 11/10/88 BY: D. Kaufman
RECEIVED: 11/11/88 BY: E. Larsen
ANALYZED: 11/11/88 BY: R. Condit
MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

COMPOUNDS	MDL	LAB # I.D.#	01A SS#A1	02A SS#A2	03A SS#B1	04A SS#B2	05A SS#C1
Benzene	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	0.5		<0.5	<0.5	<0.5	<0.5	1
Ethylbenzene	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Xylenes	0.5		<0.5	<0.5	<0.5	<0.5	1
Total BTEX	0.5		<0.5	<0.5	<0.5	<0.5	2
Misc. Hydrocarbons (C4-C12)	1.0		<1	<1	<1	<1	3
Total Petroleum Hydrocarbons as Gasoline	1.0		<1	<1	<1	<1	5

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*

CLIENT: Greg Hoehn
PROJECT#: 203-425-5003-3
LOCATION: 2504 Castro Valley Blvd.
Castro Valley, CA

TEST RESULTS

MATRIX: Soil
UNITS: mg/kg (ppm)

COMPOUNDS	MDL	LAB # I.D.#	06A SS#C2
Benzene	0.5		<0.5
Toluene	0.5		<0.5
Ethylbenzene	0.5		<0.5
Xylenes	0.5		<0.5
Total BTEX	0.5		<0.5
Misc. Hydrocarbons (C4-C12)	1.0		<1
Total Petroleum Hydrocarbons as Gasoline	1.0		<1

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

Emma P. Popek

EMMA P. POPEK, Director

GTEL ENVIRONMENTAL LABORATORIES, INC.

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*

11/14/88mt

WORK ORD#: 8811134
CLIENT: Paul Horton
Groundwater Technology, Inc.
4080 Pike Ln.
Concord, CA 94520
PROJECT#: 203-425-5003-5
LOCATION: Castro Valley, CA

SAMPLED: 11/11/88 BY: G. Miller
RECEIVED: 11/11/88 BY: K. Fillinger
ANALYZED: 11/11/88 BY: R. Condit
MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

COMPOUNDS	MDL	LAB # I.D.#	01A 1	02A 2	03A 3	04A 6	05A 7
Benzene	0.5		2	1	<0.5	3	2
Toluene	0.5		2	1	<0.5	44	20
Ethylbenzene	0.5		9	1	<0.5	22	10
Xylenes	0.5		28	6	1	180	110
Total BTEX	0.5		41	9	1	250	140
Misc. Hydrocarbons (C4-C12)	1		280	310	19	1200	1100
Total Petroleum Hydrocarbons as Gasoline	1		320	320	20	1400	1200

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

GTEL
ENVIRONMENTAL LABORATORIES, INC.

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*

CLIENT: Paul Horton
PROJECT#: 203-425-5003-5
LOCATION: Castro Valley, CA

MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

COMPOUNDS	MDL	LAB # I.D.#	06A 8	07A 9	08A 10	09A 11	10A 12
Benzene	0.5		2	2	1	1	3
Toluene	0.5		15	14	8	1	15
Ethylbenzene	0.5		10	9	7	<0.5	7
Xylenes	0.5		81	71	58	1	47
Total BTEX	0.5		110	96	74	3	72
Misc. Hydrocarbons (C4-C12)	1		610	510	1000	6	280
Total Petroleum Hydrocarbons as Gasoline	1		720	610	1100	9	350

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

Emma P. Popek

EMMA P. POPEK, Director

TABLE 4

- Soil Chemical Analytical Data

Tosco 76 Branded Facility No. 02486
2504 Castro Valley Boulevard
Castro Valley, California

Sample ID	Date Collected	Sample Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene (ppm)	Xylenes (ppm)	MTBE (ppm)
PRODUCT DISPENSERS								
D1	12/14/98	3.25	ND	ND	ND	ND	ND	ND
D2	12/14/98	3.25	130[1]	0.058	0.084	0.10	0.25	ND
D3	12/14/98	3.25	32	0.21	0.10	0.072	0.17	ND
D4	12/14/98	3.25	120	0.42	0.31	1.4	1.1	ND
D5	12/14/98	3.25	ND	ND	ND	ND	ND	ND
D6	12/14/98	3.25	ND	0.013	ND	ND	ND	0.15
D7	12/14/98	3.25	2.3[1]	0.011	0.0083	0.0066	0.033	0.38
D8	12/14/98	3.25	82	0.74	0.27	0.22	7.1	0.71
D9	12/14/98	3.25	ND	0.017	ND	ND	ND	0.33
D10	12/14/98	3.25	ND	ND	ND	ND	ND	0.38
PRODUCT PIPING TRENCHES								
P1	12/14/98	3.75	260[2]	1.3	0.81	0.71	0.68	ND
P2	12/14/98	3.75	2.3[1]	ND	ND	0.0055	0.035	1.6
P3	12/14/98	3.75	4.2[3]	0.13	ND	0.092	0.052	0.38
P4	12/14/98	3.75	ND	0.0080	0.0051	ND	ND	0.44
P5	12/14/98	3.75	5.0	0.27	0.64	0.20	1.2	0.53
PRODUCT LINE STOCKPILE								
Comp-PT[4]	12/14/98	NA	240[1]	ND	0.61	0.27	0.90	ND

Table 1 - Soil Chemical Analytical Data

Tosco 76 Branded Facility No. 02486
2504 Castro Valley Boulevard
Castro Valley, California

EXPLANATION:
ND = none detected
NA = not applicable (stockpiled soil)
ppm = parts per million

ANALYTICAL LABORATORY:
Sequoia Analytical (ELAP # 1271)

NOTES:
[1] = Laboratory report indicates unidentified hydrocarbons C6-C12
[2] = Laboratory report indicates gasoline and unidentified hydrocarbons >C10
[3] = Laboratory report indicates gasoline and unidentified hydrocarbons C6-C12
[4] = Also analyzed for total lead (23 ppm)

ANALYTICAL METHODS:
TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015 Modified.
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes according to Method 8020.
MTBE = Methyl tert-butyl ether according to EPA Method 8020.

DATE OBSERVED: 12-17-86 METHOD OF DRILLING: Hollow Stem Auger

LOGGED BY: SAW GROUND ELEVATION: 180' LOCATION: See Plot Plan Station #054

BORING NO. B-1

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	DESCRIPTION	SOIL TEST
0	CL						ARTIFICIAL FILL: Dark gray to brown CLAY, moist, construction debris, brick, asphalt present, petroleum odor noted	Gastechtor Reading
5	CL	13					NATURAL GROUND: WEATHERED BEDROCK Gray to gray green, CLAY, moist stiff, petroleum odor noted	>500 ppm
10		25					@ 10' petroleum odor noted	>500 ppm
15		54					BEDROCK: Greenish brown SHALE, slightly moist, hard	50 ppm
20		44/6"						20 ppm
25							TOTAL DEPTH: 20 FEET NO GROUNDWATER	
30								
35								
40								

JOB NO.: 13-6782-002-34-00 LOG OF BORING FIGURE: B-3

HYDROTECH CONSULTANTS, INC.

DATE OBSERVED: 12-17-86 METHOD OF DRILLING: Ho[illegible]w Stem Auger

LOGGED BY: SAW GROUND ELEVATION: 180' LOCATION: See Plot Plan Station #054

BORING NO. B-2

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	DESCRIPTION	SOIL TEST
0							NATURAL GROUND: WEATHERED BEDROCK	Gastechtor Reading
6	CL	19	■				Greenish gray CLAY, slightly moist very stiff @ 5' petroleum odor noted	>500 ppm
10		22	■				@ 10' color change to light brown	70 ppm
15		59	■				BEDROCK: Reddish brown fractured SHALE, dry hard	20 ppm
20							TOTAL DEPTH: 15 FEET NO GROUNDWATER	
25								
30								
35								
40								

JOB NO.: 13-6782-002-34-00 LOG OF BORING FIGURE: B-4

HYDROTECH CONSULTANTS, INC.

DATE OBSERVED: 12-17-86 METHOD OF DRILLING: Hollow Stem Auger

LOGGED BY: SAW GROUND ELEVATION: 180' LOCATION: See Plot Plan #054

BORING NO. B-3

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	DESCRIPTION	SOIL TEST
0	CL						ARTIFICIAL FILL: Black CLAY, moist, stiff	Gastechtor Reading
5	CL	19					NATURAL GROUND: WEATHERED BEDROCK Green-brown CLAY, slightly moist, very stiff, shale fragments, petroleum odor noted	500 ppm
10		22					@ 10' slight petroleum odor noted	95 ppm
15		68					BEDROCK Yellowish brown SHALE, dry, hard, fractured	70 ppm
20							TOTAL DEPTH: 15 FEET NO GROUNDWATER	
25								
30								
35								
40								

JOB NO.: 13-6782-002-34-00 LOG OF BORING FIGURE: B-5

HYDROTECH CONSULTANTS, INC.

DATE OBSERVED: 12-17-86 METHOD OF DRILLING: Hollow Stem Auger

LOGGED BY: SAW GROUND ELEVATION: 180' LOCATION: See Plot Plan Station #054

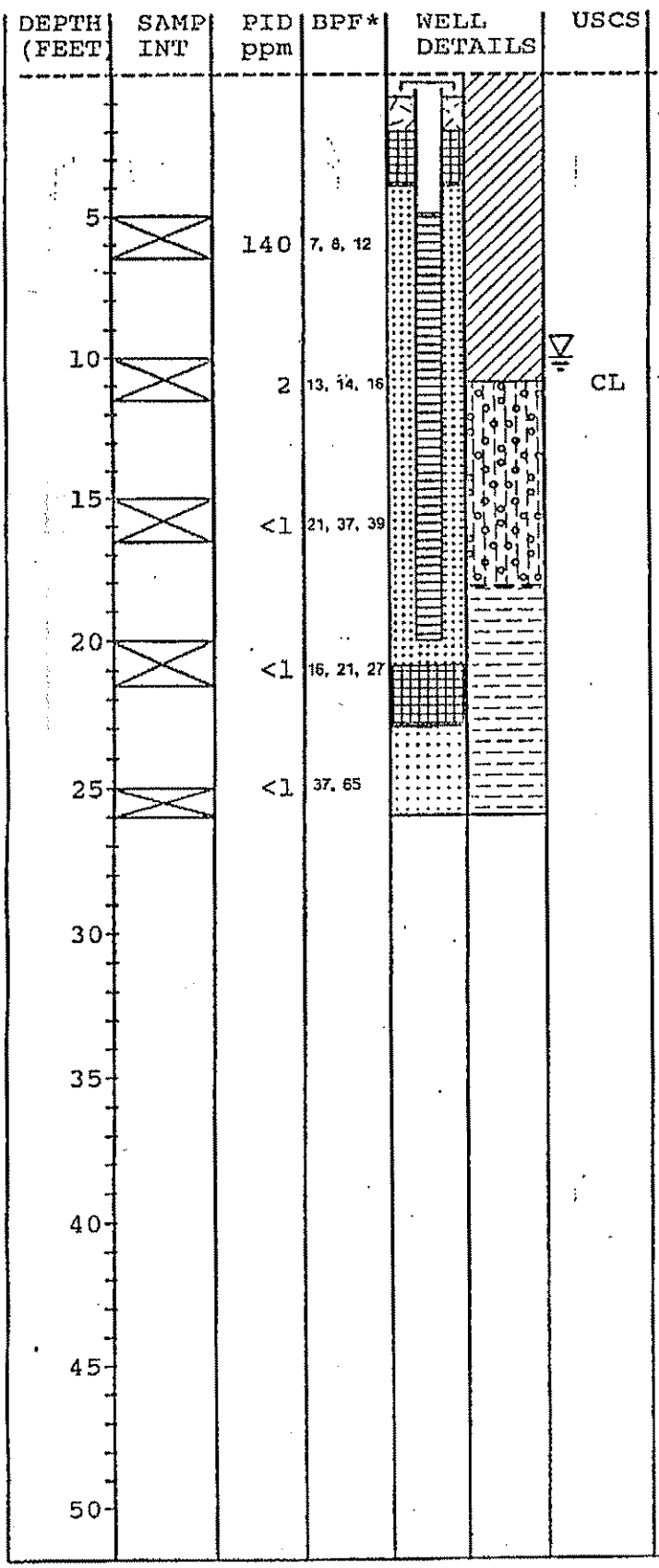
BORING NO. B-4

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	DESCRIPTION	SOIL TEST
0	CL						ARTIFICIAL FILL:	Gastechtor Reading
5		16					NATURAL GROUND: WEATHERED BEDROCK Gray green CLAY, slightly moist, very stiff, petroleum odor noted	500 ppm
10		15					@ 10' slight petroleum odor noted	300 ppm
15		34/4"					@ 15' becomes hard, slight petroleum odor	75 ppm
20							TOTAL DEPTH: 15 FEET NO GROUNDWATER	
25								
30								
35								
40								

JOB NO.: 13-6782-002-34-00 LOG OF BORING FIGURE: B-6

HYDROTECH CONSULTANTS, INC.

THRIFTY OIL COMPA[illegible] MONITORING WELL LOG [illegible] DATE:2-15-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:1:11 Boring/Well #:RE-1 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

GRAY CLAY WITH GRAVEL, MOIST, STRONG HYDROCARBON ODOR.

MOTTLED BROWN AND GRAY CLAY WITH GRAVEL AT BASE, WET, SLIGHT HYDROCARBON ODOR.

LIGHT BROWN SLIGHTLY GRAVELLY (SHALE) CLAY, MOIST - NOT WET, NO HYDROCARBON ODOR.

BLACK WEATHERED SHALE, DRY, NO HYDROCARBON ODOR.

BLACK CLAY WITH SHALE, MOIST, NO HYDROCARBON ODOR.

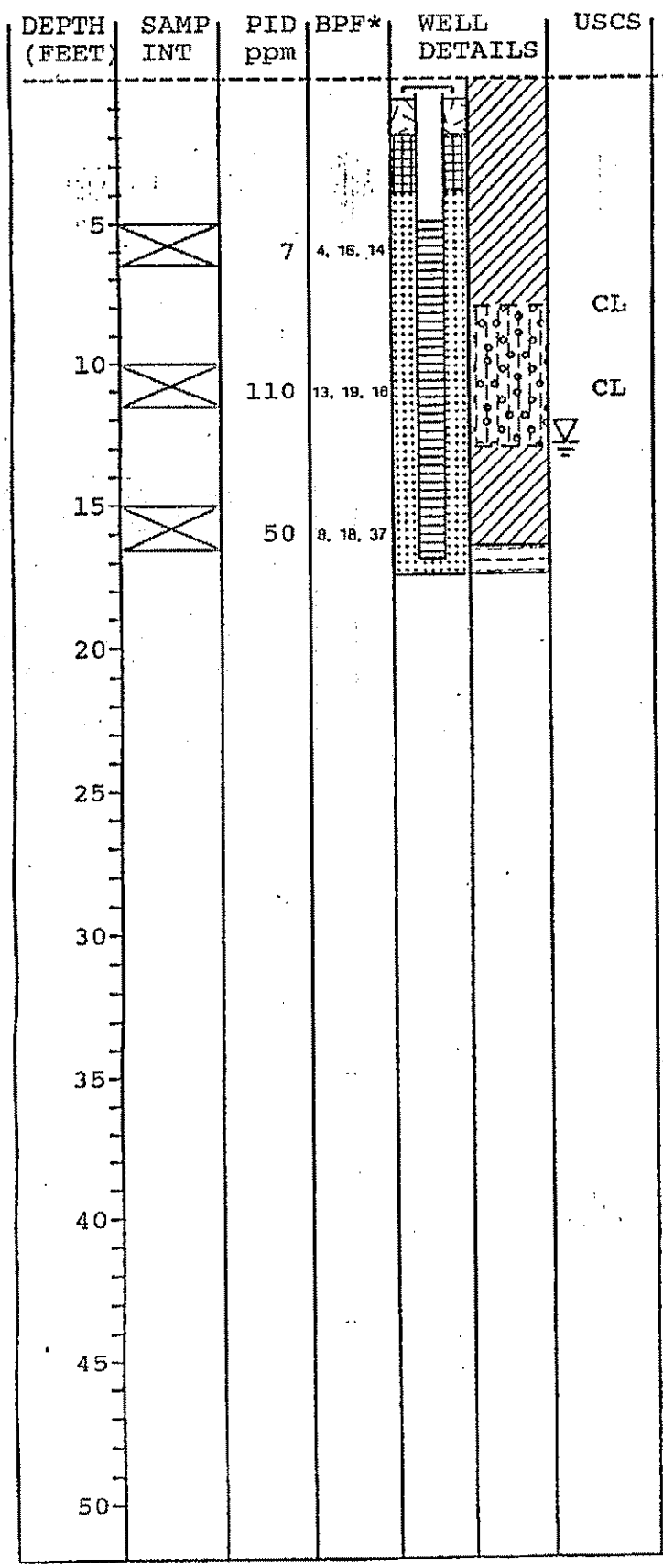
TD AT 26 FEET.2-15-88

GROUNDWATER AT 10 FEET

Pierce A. Hunt RE 4342

*BLOWS PER HALF FOOT

THRIFTY OIL COMPA[illegible] MONITORING WELL LOG [illegible] DATE:2-16-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:9:30 Boring/Well #:RE-2 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

GRAY-GREEN CLAY WITH SOME GRAVEL, VERY MOIST, SLIGHT HYDROCARBON ODOR.

GREEN GRAVELLY (QUARTZITE) CLAY, VERY MOIST, STRONG HYDROCARBON ODOR.

PERCHED GROUNDWATER.

GREEN CLAY, MOIST, WITH EVAPORITE CRYSTALS, VERY SLIGHT HYDROCARBON ODOR REFUSAL AT 17 FEET ON GRAVELLY CLAYEY SHALE WITH PLAGIOCLASE VEINS.

T.D. AT 17 FEET.

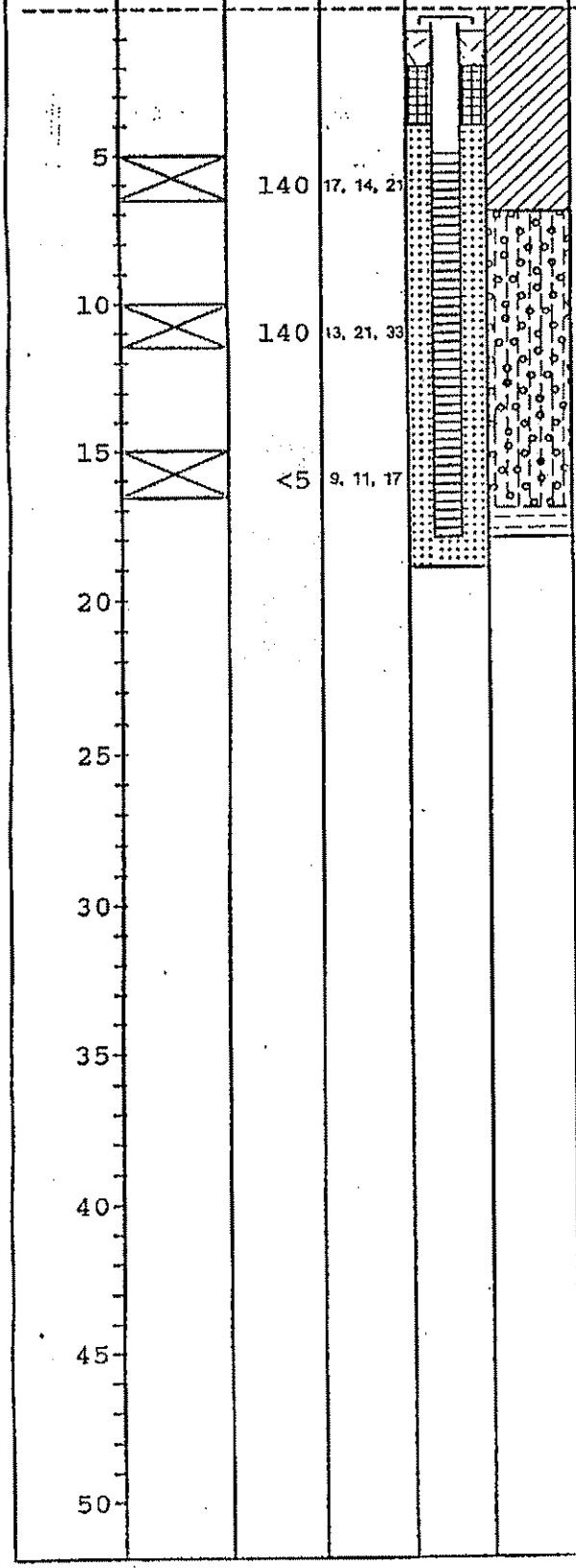
GROUNDWATER AT APPROXIMATELY 13 FEET. 2-16-88

Blaine Aitken P.E. 4342

*BLOWS PER HALF FOOT

RE-2

THRIFTY OIL COMPANY MONITORING WELL LOG DATE:2-14-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:12:30 Boring/Well #:RE-3 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

ASPHALT
DARK GRAY-BLACK CLAY WITH WOOD, FILL MATERIAL.

BLACK ORGANIC CLAY, VERY MOIST, STRONG HYDROCARBON ODOR.

GREEN-BROWN GRAVELLY CLAY, WEATHERED QUARTZITE GRAVEL WITH SAND AND CLAY, CLUMPS, MOIST, STRONG HYDROCARBON ODOR

DARK OLIVE-BROWN GRAVELLY CLAY, GRAVEL IS SHALE, WITH SAND, ROOTS, MOIST, NO HYDROCARBON ODOR.
REFUSAL ON SHALE BEDROCK.

T.D. AT 19 FEET.

NO GROUNDWATER 2-14-88.

NOTE: AFTER WAITING OVERNIGHT, THE BORING (NOT SET AS A WELL YET) HAD WATER AT APPROXIMATELY 7 FEET. THE BORING WAS THEN REAMED, AND A 4 INCH WATER WELL WAS BUILT 2-15-88.

Mark A. Young R.E. 4342

*BLOWS PER HALF FOOT

REA

THRIFTY OIL COMPANY MONITORING WELL LOG DATE:2-14-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:2:00 Boring/Well #:RE-4 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND

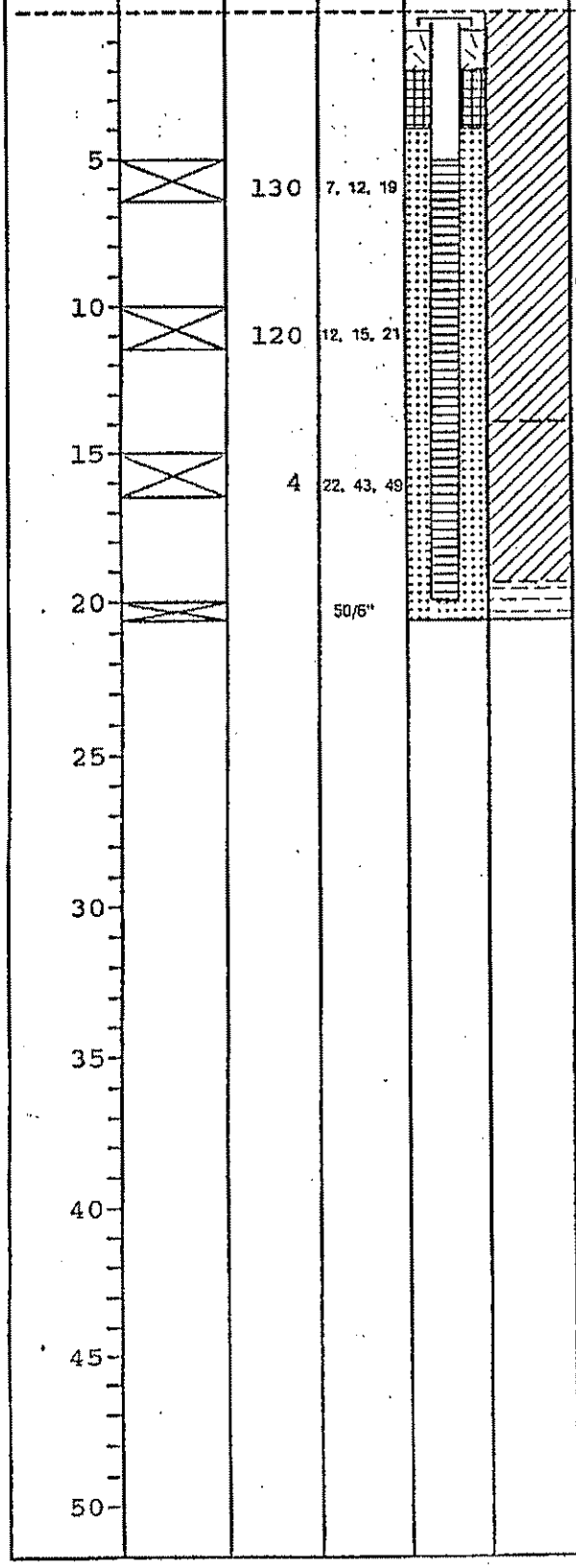
DEPTH (FEET)	SAMP INT	PID ppm	BPF*	WELL DETAILS	USCS	SOIL DESCRIPTION AND NOTES
5		125	6, 8, 17			GREEN GRAVELLY CLAY OVER BLACK CLAY, VERY MOIST, STRONG HYDROCARBON ODOR.
10		25	16, 17, 16		CL	GREEN GRAVELLY CLAY, WET, MODERATE HYDROCARBON ODOR.
15		<1	12, 50/2"			REFUSAL ON WEATHERED SHALE. SAMPLE IS GRAVELLY (SHALE) CLAY, WET, OVER DRY SHALE BEDROCK.
20						T.D. AT 15.5 FEET.
25						GROUNDWATER AT 10 FEET 2-16-88
30						
35						
40						
45						
50						

Alan K. Yee RG 4342

*BLOWS PER HALF FOOT

REMA

THRIFTY OIL COMPANY MONITORING WELL LOG DATE:2-17-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:7:40 Boring/Well #:RE-5 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

GREEN AND GRAY CLAY WITH GRAVEL (SANDSTONE) AT TOP, VERY MOIST, MODERATE HYDROCARBON ODOR.

GREEN-BROWN CLAY WITH SOME GRAVELS AND WHITE EVAPORITE DEPOSITS, VERY MOIST, STRONG HYDROCARBON ODOR.

GREEN-BROWN WEATHERED SHALE, NO HYDROCARBON ODOR, WET.

GREEN-BROWN SHALE, REFUSAL.

T.D. AT 20.5 FEET.

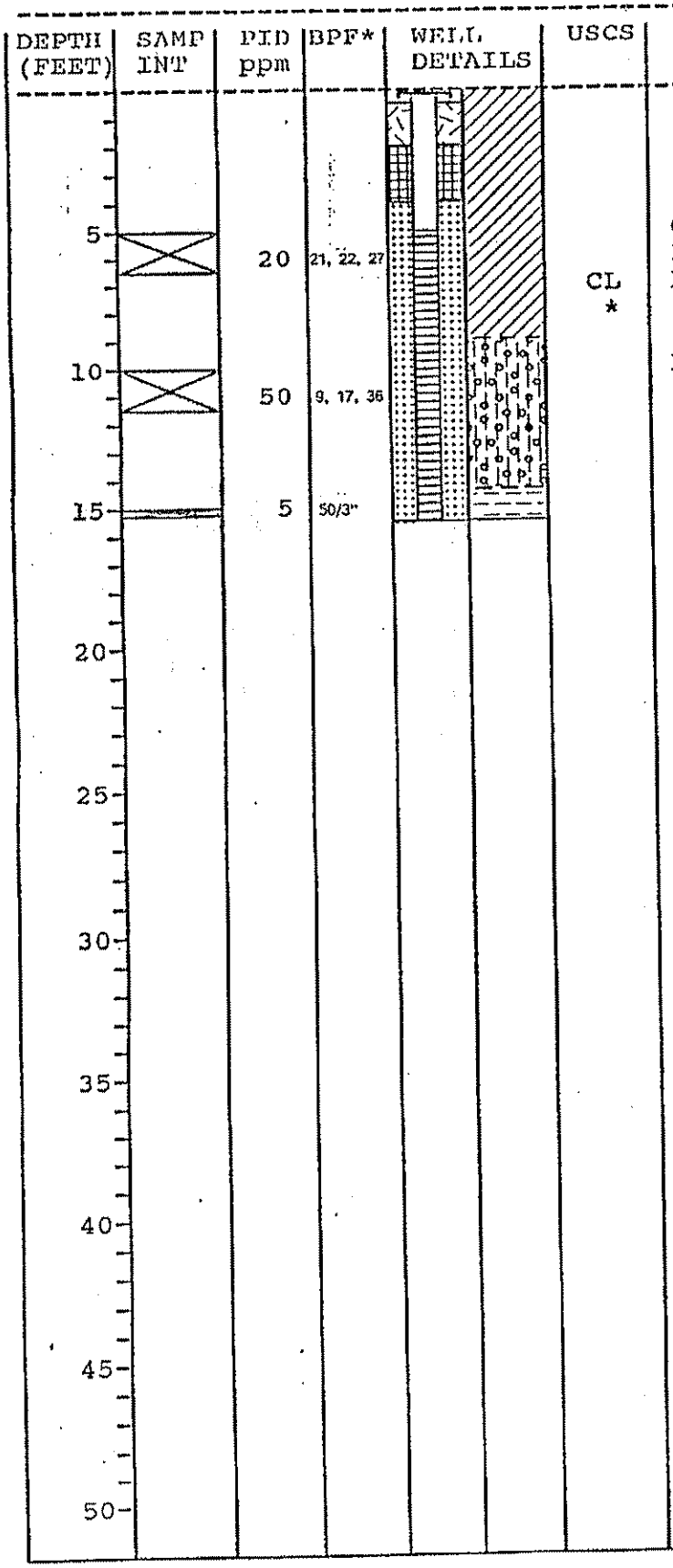
GROUNDWATER AT 10 FEET
2-17-88

Elaine K. Howay R.G. 4342

*BLOWS PER HALF FOOT

RE&A

THRIFTY OIL COMPANY MONITORING WELL LOG DATE:2-17-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:1:10 Boring/Well #:RE-6 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

GRAY CLAY WITH WHITE EVAPORITE DEPOSITS, VERY MOIST, NO HYDROCARBON ODOR.

MOTTLED GRAY AND GREEN-BROWN GRAVELLY CLAY WITH EVAPORITE DEPOSITS, MORE GRAVEL AT BASE, VERY MOIST, NO HYDROCARBON ODOR.

SHALE - REFUSAL.

T.D. AT 15 FEET.

NO GROUNDWATER FOUND DURING DRILLING 2-17-88.

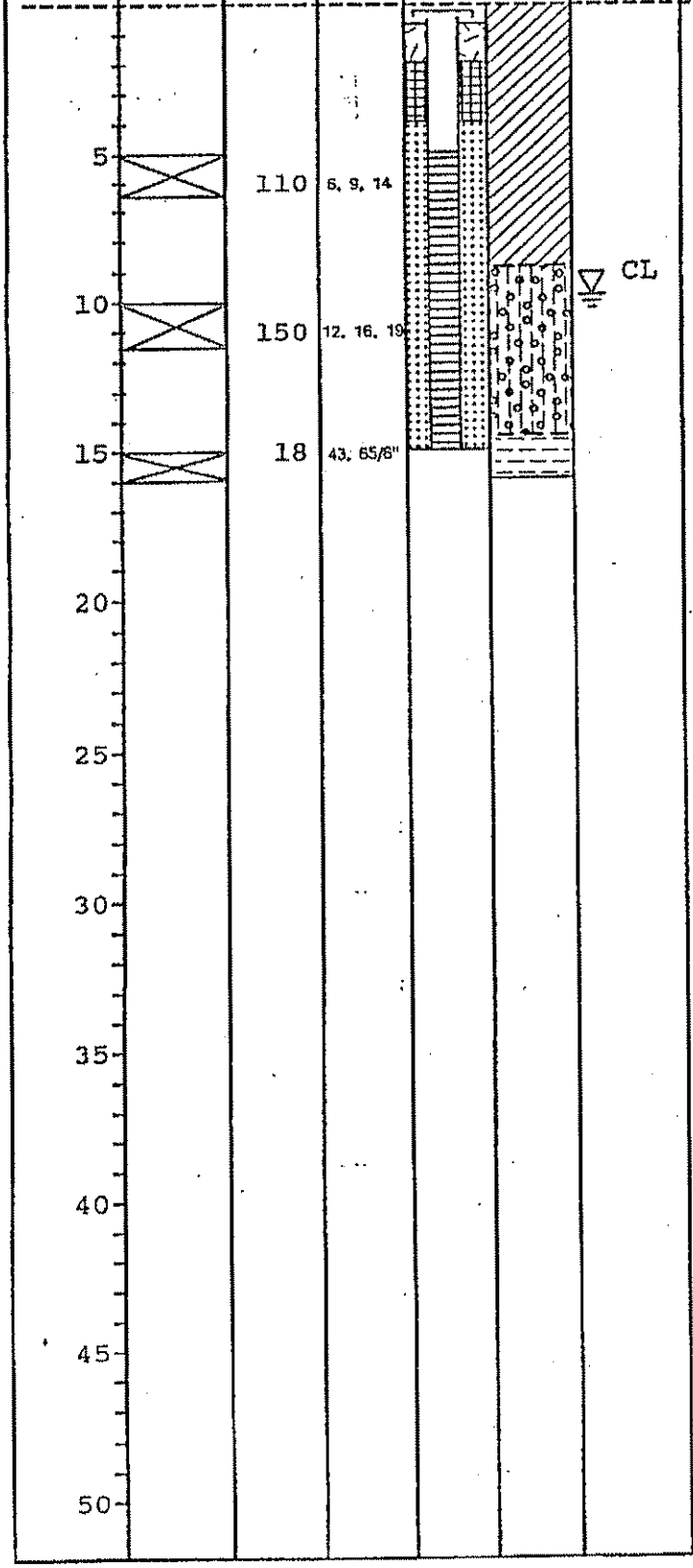
*AFTER BUILDING THE WELL AND WAITING SEVERAL HOURS, GROUNDWATER FILLED THE WELL TO 8 FEET.

Clark K. Eng. C.E. 4342

*BLOWS PER HALF FOOT

RE&A

THRIFTY OIL COMPANY MONITORING WELL LOG DATE:2-17-88
054 Castro Valley CA 2504 Castro Valley Logged By:DD
Drilling Contractor:BEYLIK DRILLING COMPANY Rig Type:HOLLOW STEM AUGER
Time Started:10:00 Boring/Well #:RE-7 Elevation:
Sampling Method:DRIVE Casing Size:4" Screen Type:PVC Filter Pack:#3 SAND



SOIL DESCRIPTION AND NOTES

BLACK CLAY OVER GREEN CLAY WITH EVAPORITE DEPOSITS, VERY MOIST, STRONG HYDROCARBON ODOR.

GREEN GRAVELLY (SHALE) AND CLAY, WET, STRONG HYDROCARBON ODOR.

SHALE - REFUSAL.

T.D. AT 15 FEET.

GROUNDWATER AT 10 FEET
2-17-88

Stone & Webster E.C. 1392

*BLOWS PER HALF/FOOT

RE&A

THRIFTY OIL CO. STATION #054
Castro Valley, CA
Date: 5/8/91
Time Started/Finished: 9:54/12:30
Sampling Method: Split Spoon
Rig Type: B-53
Drilling Contractor: Kvilhaugh

BORING/MONITORING WELL: RS-6
Logged By: WJW
Casing Size & Type: 2" PVC
Screen Size & Type: 2" PVC; 0.010" Slots
Filter Pack: #2 Sand
Traffic Cover Elevation:
Datum/Reference: Note: PID reading unreliable

DEPTH (FEET)	SAMPLE INT.	PID ppm	BLOWS PER HALF FOOT	WELL DETAILS	USCS	SOIL DESCRIPTION AND NOTES
0						
5	X	55	5, 7, 20		ML	SILT AND CLAY, TAN, WITH COARSE GRAINED SAND, DRY, NO ODOR OR STAIN. (8" SAMPLE CAUGHT)
10	X	55	6, 8, 10		CL	CLAY, TAN WITH GRAY AND BLACK MOTTLING, SOME PEBBLES, MOIST, VERY STIFF, NO ODOR OR STAIN. (12" SAMPLE)
15	X	150	10, 18, 35		CL	CLAY AND SILT, BROWN WITH GRAY AND BLACK MOTTLING, CRYSTALLINE ROCKS WITH 1" TO 2" PEBBLES OF HIGHLY INDURATED SILTSTONE, STIFF, MOIST, NO ODOR OR STAIN.
20	X	<1.0	30, 55, –		ML	SILTSTONE, HIGHLY INDURATED, NO CRYSTALLINE PEBBLES, VERY SLOW HARD DRILLING.
25		—			ML	TD 25 FEET.
						SET WELL, 0.5 HOUR LATER 0.5" WATER IN WELL.
30						
35						
40						
45						

Sheet 1 of 1

THRIFTY OIL CO. STATION #054
Castro Valley, CA
Date: 5/8/91
Time Started/Finished: 12:40/1:55
Sampling Method: Split Spoon
Rig Type: B-53
Drilling Contractor: Kvilhaugh

BORING/MONITORING WELL: ~~MW-3~~
Logged By: WJW
Casing Size & Type: 2" PVC
Screen Size & Type: 2" PVC; 0.010" Slots
Filter Pack: #2 Sand
Traffic Cover Elevation:
Datum/Reference:

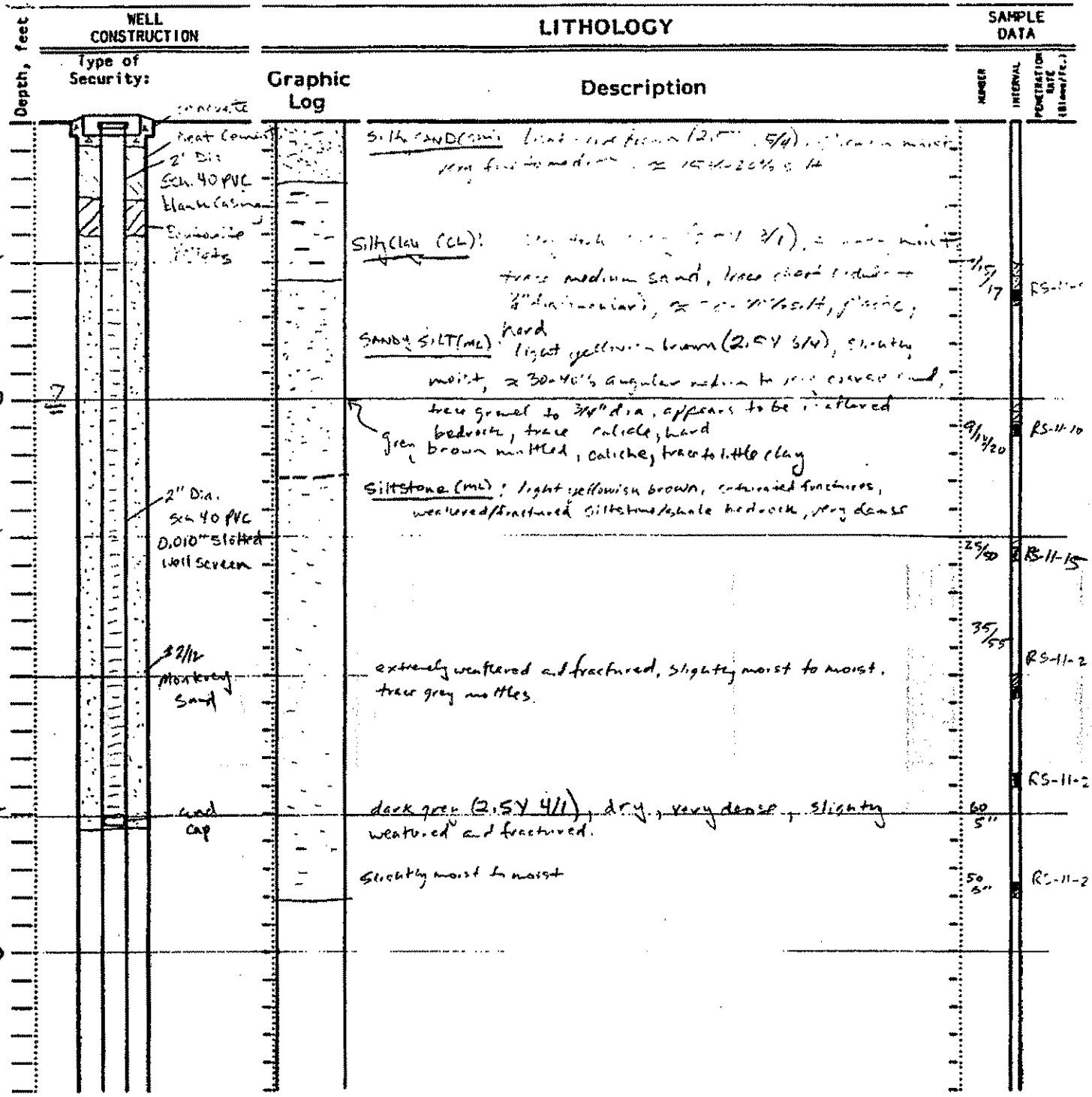
DEPTH (FEET)	SAMPLE INT.	PID ppm	BLOWS PER HALF FOOT	WELL DETAILS	USCS	SOIL DESCRIPTION AND NOTES
0						TOP 2' DARK BLACK CLAY.
5	X	~~169~~	7, 14, 14		CL	CLAY, GRAY-GREEN WITH BLACK STREAKS, FEW PEBBLES, STIFF, MOIST, ~~SOME HYDROCARBON ODOR.~~
10	X	10	5, 7, 9		CL	SAME AS ABOVE, BUT MORE AND LARGER PEBBLES, ORANGE STAIN, ~~SOME HYDROCARBON ODOR.~~
13						▽
15		—	55, –, –			3" SAMPLE, PEBBLES, DRY, ~~STRONG~~ ODOR ON SAMPLER.
						TD 15 FEET.
						EVIDENCE OF WATER AT 12-13 FEET.
20						
25						
30						
35						
40						
45						

RGI

THRIFTY OIL CO. STATION #054
Castro Valley, CA
Date: 5/8/91
Time Started/Finished: 2:15/4:50
Sampling Method: Split Spoon
Rig Type: B-53
Drilling Contractor: Kvilhaugh

BORING/MONITORING WELL: MW-1
Logged By: WJW
Casing Size & Type: 2" PVC
Screen Size & Type: 2" PVC; 0.010" Slots
Filter Pack: #2 Sand
Traffic Cover Elevation:
Datum/Reference:

DEPTH (FEET)	SAMPLE INT.	PID ppm	BLOWS PER HALF FOOT	WELL DETAILS	USCS	SOIL DESCRIPTION AND NOTES
0						
5		<1.0	3, 5, 8		CL	CLAY, BLACK, SOME PEBBLES, STIFF, MOIST, NO ODOR, ONE SANDY CLAY STRINGER. (12" SAMPLE)
10		<1.0	7, 10, 12		CL	CLAY BROWN WITH ORANGE AND BLACK MOTTLING, PEBBLES (ANGULAR), MOIST, NO ODOR. (5" SAMPLE)
15		—	25, 54, –		ML	SILTSTONE, HIGHLY INDURATED, BROWN. (3" SAMPLE)
20		—	10, 17, 20		ML	SAME AS ABOVE, BLACK. (4" SAMPLE)
25		—	20, 20, 35		ML	SAME AS ABOVE, BLACK. (5" SAMPLE) TD 25 FEET.
30						
35						
40						
45						



Well Permit No.:
Date well drilled: 9-21-95
Date water level measured:
Well elevation:

Drilling Company: West Hazmat
Driller: Mike
Sampling Method: CSS
Hammer Weight: 140 lbs

Geologist/Engineer: RAI

Sketch of Well Location:

Survey ref. RS-10 — 5.74'
RS-11 — 5.35'

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR RS-11

Project No. TOC #54