

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Director



December 7, 2012

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

Mr. Chris Panaitescu
Thrifty Oil Company
13116 Imperial Highway
Santa Fe Springs, CA 90670-00138

Mr. John Skance
BP West Coast Products, LLC
P.O. Box 1257
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000005 and GeoTracker Global ID T0600101366, Thrifty Oil #063 / ARCO #9542, 6125 Telegraph Avenue, Oakland, CA 94609

Dear Messrs. Panaitescu & Skance:

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 TPH-g and MTBE concentrations in soil at 95 mg/kg & 0.011 mg/kg, respectively, remain at the site based on confirmation soil sample analytical results from borings installed in April 2011.
- Residual TPH-g and benzene concentrations in groundwater at 23,600 µg/L and 262 µg/L, respectively, remain at the site.

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

Sincerely,

Donna L. Drogos, P.E.
Division Chief

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
(Sent via E-mail to:
CMccaulou@waterboards.ca.gov)

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

Paresh Khatri (w/orig enc), D. Drogos (w/enc), T. Le-Khan (w/enc)



REMEDIAL ACTION COMPLETION CERTIFICATION

December 7, 2012

Mr. Chris Panaitescu
Thrifty Oil Company
13116 Imperial Highway
Santa Fe Springs, CA 90670-00138

Mr. John Skance
BP West Coast Products, LLC
P.O. Box 1257
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000005 and GeoTracker Global ID T0600101366, Thrifty Oil #063 / ARCO #9542, 6125 Telegraph Avenue, Oakland, CA 94609

Dear Messrs. Panaitescu & Skance:

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.

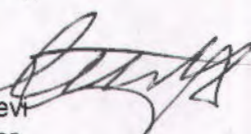
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

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

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

I. AGENCY INFORMATION

Date: July 23, 2012

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 777-2478
Responsible Staff Person: Paresh Khatri	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Thrifty Oil # 063 / ARCO #9542		
Site Facility Address: 6125 Telegraph Avenue, Oakland, CA		
RB Case No.: 01-1479	Local Case No.: 3871	LOP Case No.: RO0000005
URF Filing Date: 11/10/1989	Global ID No.: T0600101366	APN: 15-1381-8-1
Responsible Parties	Addresses	Phone Numbers
Mr. Chris Panaitescu c/o Thrifty Oil Co.	13116 Imperial Highway, Santa Fe Springs, CA 90670	(562) 921-3581
Mr. John Skance c/o BP West Coast Products, LLC	P.O. Box 1257 San Ramon, CA 94583	---

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000	Gasoline	Removed	February 1998
2	10,000	Gasoline	Removed	February 1998
3	12,000	Gasoline	Removed	February 1998
---	---	---	---	---
Piping			Removed	February 1998

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: The former UST system is the suspected cause of the release, however exact cause is not reported.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ---	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 8.74 ft bgs	Lowest Depth: 26.04 ft bgs	Flow Direction: variable (southwest to northwest)
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: A one mile well survey was conducted at the site, which discovered five wells within the 1 mile radius. Two of the wells were used for industrial purposes, two for irrigation and one for domestic use. The location of the domestic well is approximately ¼ mile south (cross-gradient) of the site. However, based on the distance of the well from the site, it is not a likely receptor.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain Groundwater Basin
Is surface water affected? No	Nearest SW Name: Lake Merritt (2.55 miles south of site)
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health & City of Oakland Fire Prevention Bureau

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Two 10,000-gallon one 12,000-gallon	Disposal /DK Environmental	2/4/1998
Piping	Unknown	Disposal /DK Environmental	2/4/1998
Free Product	Unknown	Pump & treat with Disposal/Sewer (EBMUD Permit #50244462)	4-1991 to 6/21/2011
Soil	977 tons	Disposal/ TPS Technologies, Adalento, CA	2/1998
Groundwater	3,405,179 Gallons 700 gallons	Disposal/Sewer (EBMUD Permit #50244462) Disposal (DeMenno/Kerdoon in Compton, CA)	4-1991 to 6/21/2011 2/1998

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	Before	After
TPH (Gas)	3,600 (SS-15, 2/4/1998)	95 (SB-3, 15 FT, 4/18/11)	184,000 (MW-4, 1/29/2009)	23,600 (MW-3, 6/8/11)
TPH (Diesel)	NA	NA	NA	NA
TPH (Motor Oil) ⁵	NA	NA	NA	NA
Benzene	13.0 (MW-4, 16-FT, 11/13/1986)	<0.009 (SB-3, 15 FT, 4/18/11)	3,600 (MW-1, 4/15/1996)	262 (MW-3, 6/8/11)
Toluene	78 (SS-15, 2/4/1998)	<0.0085 (SB-3, 15 FT, 4/18/11)	30,600 (MW-4, 1/29/2009)	2,780 (MW-3, 6/8/11)
Ethylbenzene	49 (SS-15, 2/4/1998)	0.900 (SB-4, 15 FT, 4/18/11)	12,600 (MW-4, 7/16/2001)	80 (MW-3, 6/8/11)
Xylenes	260 (SS-15, 2/4/1998)	0.344 (SB-4, 15 FT, 4/18/11)	24,000 (MW-4, 1/29/2009)	5,380 (MW-3, 6/8/11)
MTBE	26 ⁴ (P-4, 2/4/1998)	0.011 ³ (SB-2, 25 FT, 4/18/11)	42,000 ² (MW-4, 1/20/1999)	<3.8 ¹ (MW-3, 6/8/11)
Heavy Metals (Cd, Cr, Pb, Ni, Zn) ⁵	31 (SS-19, 2/4/1998)	NA	NA	NA
Other (8240/8260)	NA	NA	NA	NA

¹ <3.8 µg/L MtBE, <260.0 µg/L TBA, <10.0 µg/L DIPE, <11.5 µg/L ETBE, <9.5 µg/L TAME, EDB, 1,2-DCA, EtOH not analyzed
² 42,000 µg/L MtBE; TBA, DIPE, ETBE, TAME, EDB, 1,2-DCA, EtOH not analyzed
³ 0.011 mg/kg MtBE, 0.044 mg/kg TBA, 0.035 mg/kg DIPE, <0.0125 mg/kg ETBE, <0.0065 mg/kg TAME, NA EtOH
⁴ 26 mg/kg MtBE; TBA, DIPE, ETBE, TAME, EDB, 1,2-DCA, and EtOH not analyzed
⁵ Results for Pb only reported
NA - Not Analyzed

Site History and Description of Corrective Actions:

The Site is an active service station located at the southwest corner of the intersection of Telegraph Avenue and 62nd Street in the City of Oakland, California. The Site consists of two active dispenser islands, a service station building, and two 20,000-gallon double-walled underground storage tanks (USTs) (Figure 1). The site is located within a commercial/residential area.

In June 1986, site assessment activities were initiated in connection with a proposed lease agreement with ARCO and Groundwater Technology, Inc. installed three borings to depths of 30 feet below ground surface (bgs) and converted all of the borings into monitoring wells (MW-1 through MW-3). Groundwater was encountered at approximately 15 feet bgs. Results of soil sample analyses detected up to 735 mg/Kg TPH-g (MW-2 at 14'). Groundwater sample analytical results detected 20,600 µg/L, 1,470 µg/L, and 49,400 µg/L TPH-g in groundwater samples collected from wells MW-1, MW-2, and MW-3, respectively. Later, in August 1986, free product was observed in all monitoring wells. Free product removal by hand bailing was immediately initiated.

In November 1986, Woodward-Clyde Consultants (WCC) advanced three borings to a depth of 30 feet bgs each, and converted those borings into monitoring wells (MW-4 through MW-6). Groundwater was encountered at approximately 16 feet bgs. Soil sample analytical results detected concentrations of TPH-g and benzene in a soil sample collected from MW-4 at 16 feet bgs (1,100 mg/kg TPH and 13 mg/kg benzene). Groundwater sample analytical results detected up to 100,000 µg/L TPH-g and 3,200 µg/L benzene, in a groundwater sample collected from MW-4. A thin layer of free product was noted in well MW-4.

In September 1987, Hydrotech Consultants, Inc. drilled four borings (B-1 through B-4) to depths of 20 feet bgs. Hydrocarbon concentrations were less than detection limits in all the soil samples analyzed.

In October 1987, Thrifty started free product recovery and groundwater monitoring activities. Free product was extracted from wells MW-1 through MW-4 using hand bailing method.

In October 1989, WCC installed a six-inch diameter recovery well. A total fluids ejector pump system was placed in

the recovery well. The system pumps extracted groundwater and floating product through the oil/water separator, then to a holding tank, and finally through a pair of activated carbon filters to remove the dissolved hydrocarbons before being discharged into the sanitary sewer. A discharge permit was obtained from East Bay Municipal Utility District (EBMUD) prior to discharging the treated water. In 1991, a groundwater extraction system began operating at the site with recovery from wells MW-3 and MW-4. The groundwater extraction system operated at the site until June 15, 2010.

In June 1997, Pacific Environmental Group, Inc. (Pacific) drilled nine soil borings (TDD-1 through TDD-9) to depths ranging from 10 to 20 feet bgs. Soil sample analyses detected up to 550 mg/Kg TPH-g (TDD-6 at 5'), 2.5 mg/Kg benzene (TDD-6 at 5'), and 14 mg/Kg MTBE (TDD-4 at 15').

In February 1998, two 10,000 gallon and one 12,000 gallon gasoline single walled steel underground storage tanks were removed from the site, and were replaced with two 20,000-gallon double-walled USTs. The condition of the tanks was not reported but during excavation activities in the UST tank pit and product line areas approximately 977 tons of impacted soil were segregated and later transported offsite for disposal at the TPS Technologies in Adalento, California. Five soil samples were collected at the tank bottom, six soil samples were collected from beneath the product piping and twenty-three soil samples were collected from the soil stockpiles. Soil sample analytical results detected a maximum TPH-g, benzene, and MTBE concentration of 3,600 mg/kg, 6.5 mg/kg and 26 mg/kg, respectively. Groundwater samples were collected from the bottom of the UST pit during the tank removal and installation activities. Groundwater sample analytical results detected a maximum TPH-g, benzene and MTBE at 130,000 ug/L, 800 ug/L and 8,400 ug/L, respectively. Approximately 700 gallons of oil & water were removed during UST removal activities and disposed of at DeMenno/Kerdoon in Compton, CA.

On February 22, 2007, two down-gradient offsite groundwater monitoring wells (MW-7 and MW-8) were installed on the property located adjacent and to the south of the site. Wells MW-7 and MW-8 were installed to a depth of approximately 18-feet bgs. Soil samples were collected at 5-foot intervals in the vadose zone with one sample collected from the capillary fringe and one at terminal depth. A maximum TPH-g concentration of 710 mg/kg was reported in soil sample MW-7-15.

Between May 5 through 10, 2010, an HVDPE pilot test was conducted at the site. Approximately 15.8 lbs of hydrocarbon vapor and 5,720 gallons of groundwater was removed from the site and discharged to the existing groundwater extraction and treatment system.

On April 18 and 19, 2011, GHC implemented site assessment activities, which included the installation of six soil vapor sample locations (SV-1 through SV-6) and six soil borings locations (SB-1 through SB-6). Groundwater samples were collected at first encountered groundwater in soil borings SB-1, SB-5 and SB-6 and soil vapor sample locations SV-5 and SV-6 at on and off-site locations. Analytical results for the soil vapor samples collected during site assessment activities indicate that site conditions do not appear to pose a significant risk to human health or the environment.

Groundwater sampling has been conducted from January 1986 to June 2011. In 1986, free product was present in groundwater monitoring wells at the site. Most recent groundwater sample analytical results detected TPH-g, benzene, and MTBE at concentrations of 23,600 µg/L, 262 µg/L, and <3.8 µg/L, respectively. Analytical results for soil, soil vapor, and groundwater samples collected during site assessment activities indicate that impacted soil appears limited and the groundwater plume appears limited in concentration and extent.

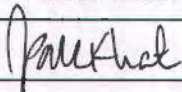
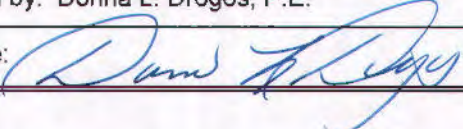
IV. CLOSURE

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 land use and conditions.		
<p>Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use as a gas station only. If a change in land use to any other commercial, residential, or other conservative land use scenario is proposed at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.</p> <p>Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities.</p> <p>This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.</p>		
Should corrective action be reviewed if land use changes? Yes.		
Was a deed restriction or deed notification filed? No	Date Recorded: --	
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 7
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <ul style="list-style-type: none"> Residual TPH-g and MTBE concentrations in soil at 95 mg/kg & 0.011 mg/kg, respectively, remain at the site based on confirmation soil sample analytical results from borings installed in April 2011. Residual TPH-g and benzene concentrations in groundwater at 23,600 µg/L and 262 µg/L, respectively, remain at the site. <p>Conclusion:</p> <p>Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significantly threat to water resources, public health and safety, and the environment under the current commercial land use as a gas station only based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any other commercial, residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for the site.</p>
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VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Paresh Khatri	Title: Senior Hazardous Materials Specialist
Signature: 	Date: July 23, 2012
Approved by: Donna L. Drogos, P.E.	Title: Chief
Signature: 	Date: 07/27/12

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
Notification Date: 8/2/2012	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 7/31/2012	Date of Well Decommissioning Report: 10/23/2012	
All Monitoring Wells Decommissioned: YES	Number Decommissioned: 7	Number Retained: 0
Reason Wells Retained: Remaining wells to be decommissioned upon agency closure approval. NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: <i>[Signature]</i>	Date: 12/3/2012	

Attachments:

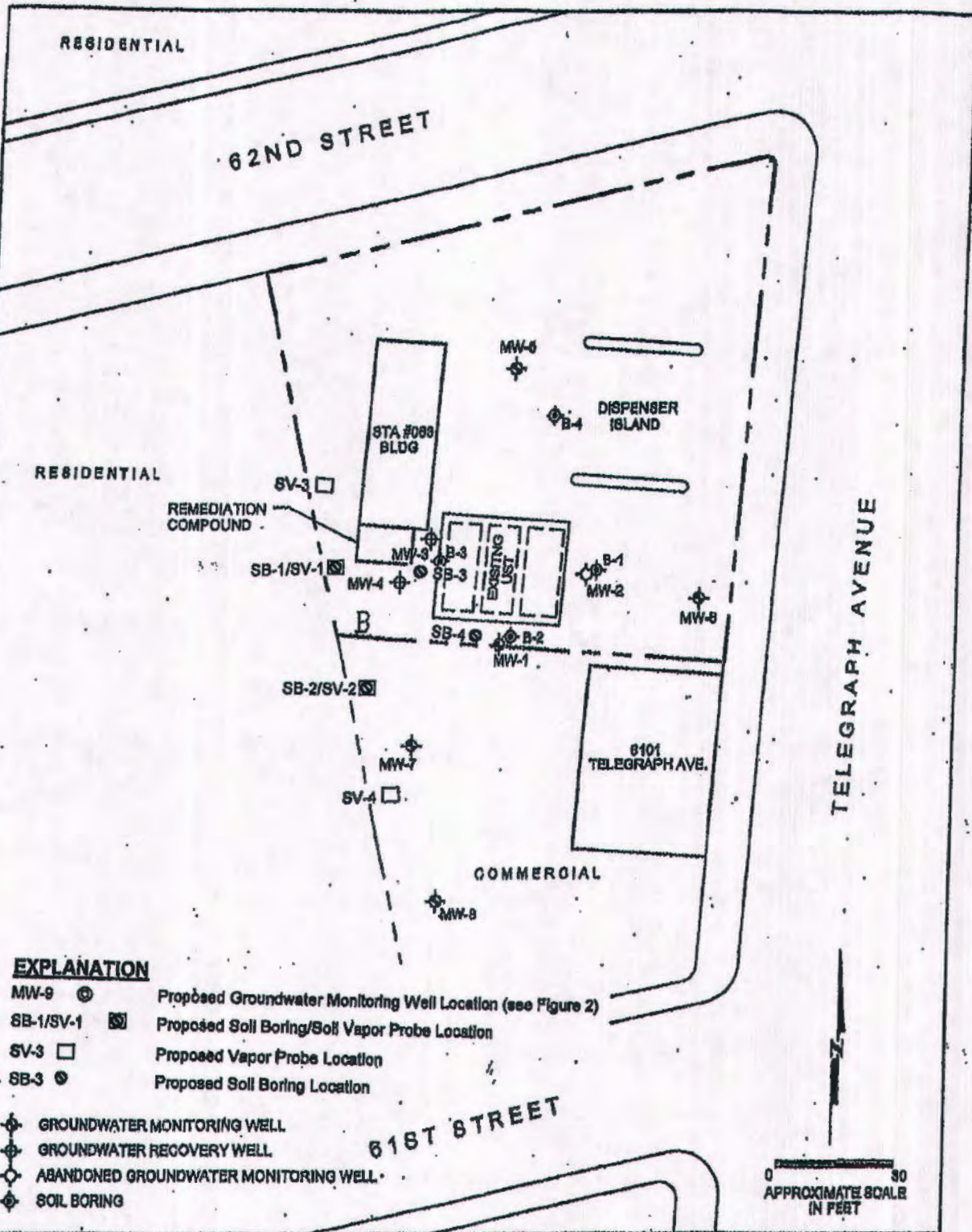
1. Site Figures (6 pgs)
2. Analytical Tables (24 pgs)
3. Boring Logs (25 pp)

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.



Figure 2. LOCAL WATER WELL LOCATIONS



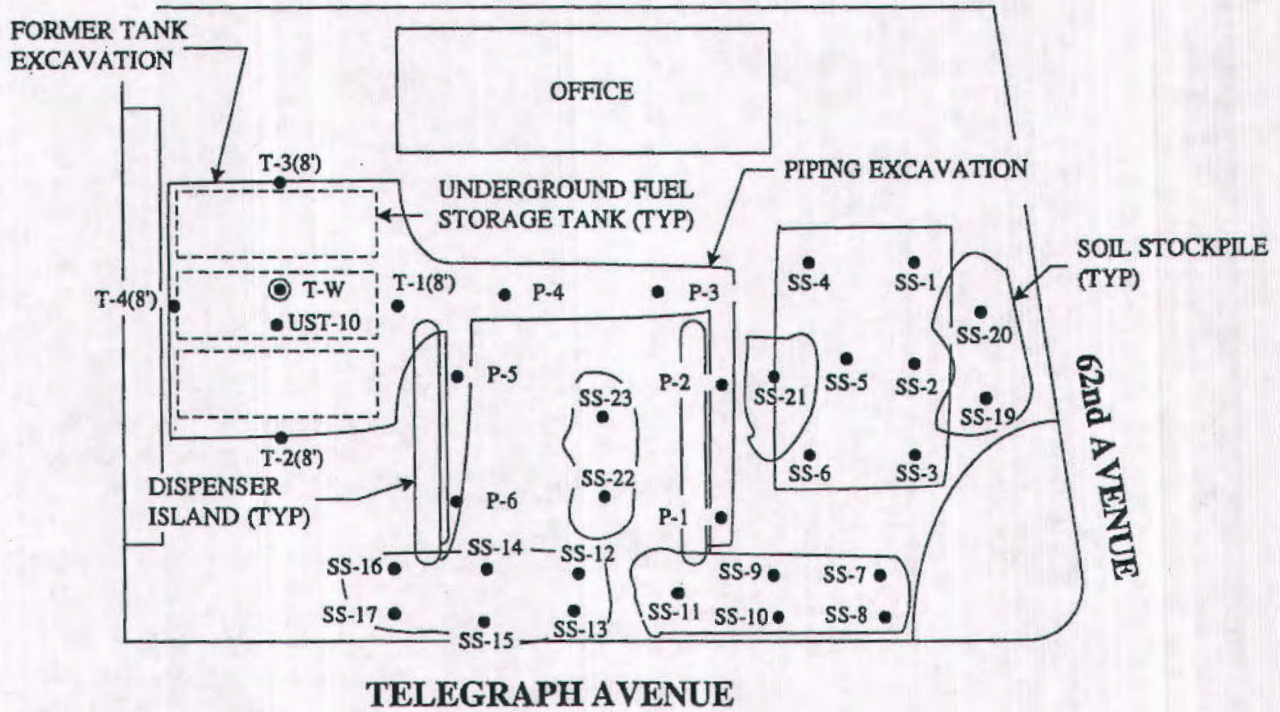
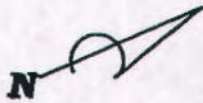


EXPLANATION

- MW-9 ⊕ Proposed Groundwater Monitoring Well Location (see Figure 2)
- SB-1/SV-1 ⊞ Proposed Soil Boring/Soil Vapor Probe Location
- SV-3 □ Proposed Vapor Probe Location
- SB-3 ⊙ Proposed Soil Boring Location
- ⊕ GROUNDWATER MONITORING WELL
- ⊞ GROUNDWATER RECOVERY WELL
- ⊙ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING

0 30
APPROXIMATE SCALE
IN FEET

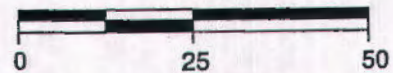
PROJECT NO.	Site Plan with Proposed Soil Boring and Soil Vapor Probe Locations	SITE PLAN		Sheet 3 of Revision 0 Date 03/07
		Thrifty Station No. 083 6126 Telegraph Avenue Oakland, California		



LEGEND

- T-1 ● SOIL SAMPLE LOCATION AND DESIGNATION
- T-W ● GROUNDWATER SAMPLE LOCATION AND DESIGNATION

SCALE



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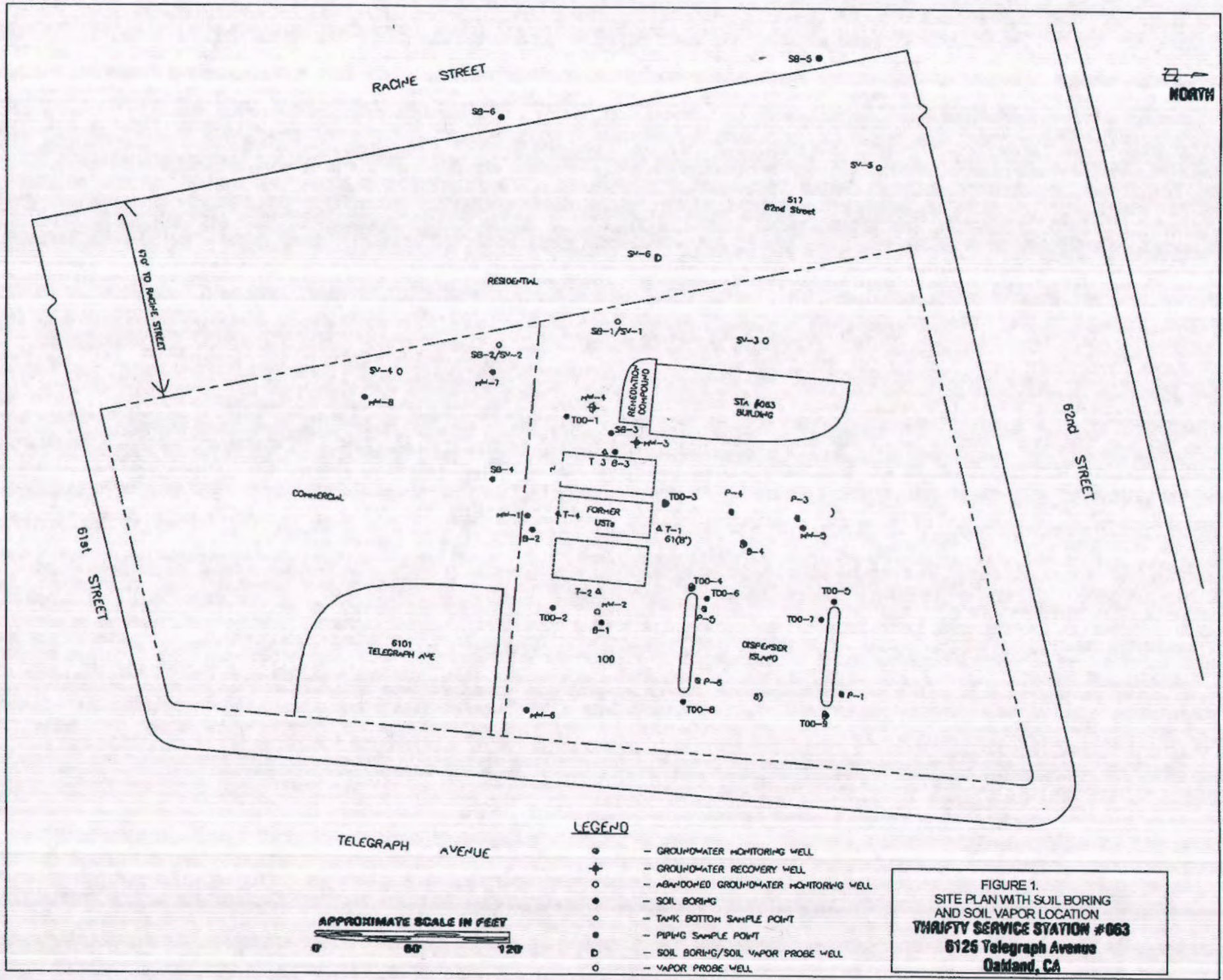


PACIFIC ENVIRONMENTAL GROUP, INC.

FORMER THRIFTY SERVICE STATION 63
6125 Telegraph Avenue
Oakland, California

SITE MAP

FIGURE:
1
PROJECT:
331-008.1B

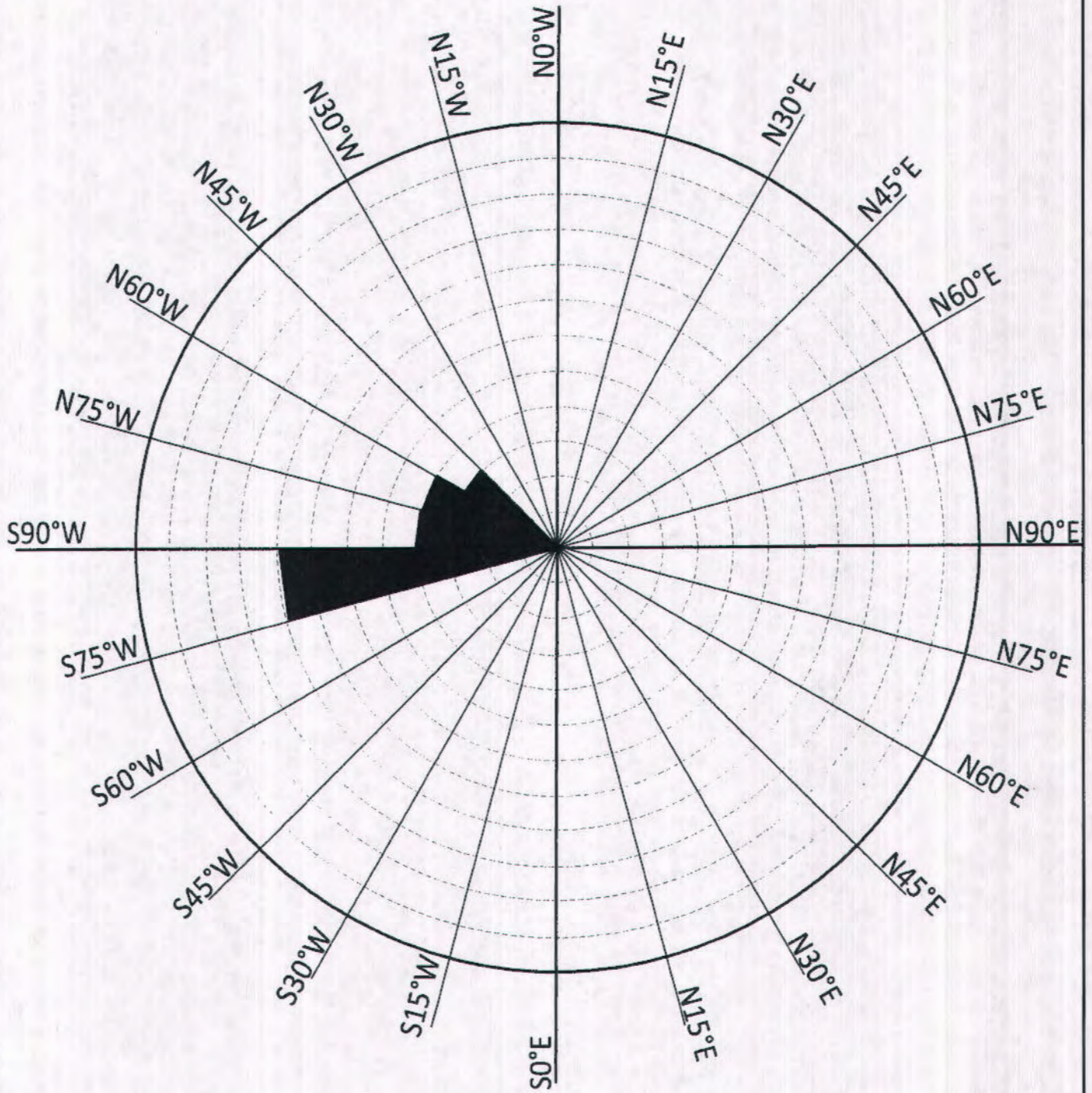


LEGEND

- - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- D - SOIL BORING/SOIL VAPOR PROBE WELL
- - VAPOR PROBE WELL



FIGURE 1.
 SITE PLAN WITH SOIL BORING
 AND SOIL VAPOR LOCATION
THIFTY SERVICE STATION #063
6125 Telegraph Avenue
Oakland, CA



Note:
 Measurement taken quarterly.
 Each concentric line represents one groundwater monitoring period

FIGURE 2
HISTORIC GROUNDWATER FLOW ROSE DIAGRAM
2006-2011
THRIFTY STATION #063
6125 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

TABLE 1
 SOIL SAMPLE ANALYTICAL RESULTS
 FORMER TANK BASIN, PRODUCT PIPING, DISPENSERS,
 AND ASSOCIATED STOCKPILES
 FORMER THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVENUE
 OAKLAND, CALIFORNIA
 PEG PROJECT NUMBER 331-008.1B

SAMPLE	CONCENTRATIONS (mg/kg)						
	TOTAL LEAD	TPHg	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES	MtBE
T-1(8')	NA	61	0.085	1.3	0.77	4.6	0.60
T-2(8')	NA	260	<0.03	0.18	3.0	1.1	<0.3
T-3(8')	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
T-4(8')	NA	2	<0.005	<0.005	<0.005	0.01	0.07
UST-10	NA	210	<0.12	<0.5	0.71	1.1	<1.2
P-1	NA	49	0.071	0.39	0.44	2.6	<0.25
P-2	NA	1,200	1.7	24	21	96	15
P-3	NA	<5	0.062	0.092	0.031	0.098	9.4
P-4	NA	310	1.6	25	7.4	47	26
P-5	NA	920	6.5	35	15	78	13
P-6	NA	330	1.9	5.5	8.3	38	<2.5
SS-1	<5	<1.0	<0.005	<0.005	<0.005	0.022	0.56
SS-2	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-3	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-4	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-5	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-6	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-7	NA	<1.0	<0.005	0.009	<0.005	0.008	<0.05
SS-8	<5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SS-9	NA	<1.0	<0.005	0.006	<0.005	0.017	<0.05
SS-10	NA	<1.0	<0.005	<0.005	<0.005	0.016	<0.05
SS-11	NA	<1.0	<0.005	0.007	<0.005	0.007	<0.05
SS-12	NA	<1.0	<0.005	0.032	0.017	0.19	0.56
SS-13	NA	2,700	4.03	66	42	220	6.4
SS-14	NA	4	<0.005	0.74	0.047	0.33	0.86
SS-15	6	3,600	4.2	78	49	260	7.3
SS-16	NA	2,100	2.4	41	27	130	5.2

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
FORMER TANK BASIN, PRODUCT PIPING, DISPENSERS,
AND ASSOCIATED STOCKPILES
FORMER THRIFTY SERVICE STATION NO. 63
6125 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA
PEG PROJECT NUMBER 331-008.1B

SAMPLE	CONCENTRATIONS (mg/kg)						
	TOTAL LEAD	TPHg	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES	MtBE
SS-17	NA	2,900	3.8	67	42	230	4.7
SS-19	31	15	0.04	0.055	0.1	0.42	0.45
SS-20	NA	270	<0.12	1.9	2.7	16	<1.2
SS-21	NA	86	<0.05	0.6	0.75	4.2	<0.5
SS-22	NA	240	0.25	4.1	3.3	19	<1.2
SS-23	NA	1	<0.005	0.007	0.007	0.082	0.1

Notes:
 mg/kg = Milligrams per kilogram.
 TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015M).
 MtBE = Methyl *tert*-butyl ether (EPA Method 8020A).
 NA = Not analyzed.
 < = Less than method detection limit.

TABLE 1
Historic Soil Sample Laboratory Analytical Results
 Thrifty Oil Station #063 - Oakland, CA
 GHC - 1332

Sample ID	Date Sampled	ANALYTICAL PARAMETERS									
		TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	DIPE (mg/Kg)	ETBE (mg/Kg)	TAME (mg/Kg)	TBA (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
MW1-17	6/21/1986	471	7.6	6.3	7.3	39.7	-	-	-	-	-
MW2-14	6/21/1986	735	12.6	26.4	10.7	64.3	-	-	-	-	-
MW3-14	6/21/1986	52	5.4	1.9	1.3	6.9	-	-	-	-	-
MW4-10	11/13/1986	<10	<0.5	<0.5	-	<0.5	-	-	-	-	-
MW4-16	11/13/1986	1100	13.0	14.0	-	34.0	-	-	-	-	-
MW5-16	11/13/1986	<10	<0.5	<0.5	-	<0.5	-	-	-	-	-
MW6-15	11/13/1986	<10	<0.5	<0.5	-	<0.5	-	-	-	-	-
C-1	11/13/1986	58	<0.5	5.8	-	<0.5	-	-	-	-	-
B1-5	9/11/1987	-	-	-	-	-	-	-	-	-	-
B1-10	9/11/1987	<10	-	-	-	-	-	-	-	-	-
B1-15	9/11/1987	-	-	-	-	-	-	-	-	-	-
B1-20	9/11/1987	<10	-	-	-	-	-	-	-	-	-
B2-5	9/11/1987	-	-	-	-	-	-	-	-	-	-
B2-10	9/11/1987	-	-	-	-	-	-	-	-	-	-
B2-15	9/11/1987	-	-	-	-	-	-	-	-	-	-
B2-20	9/11/1987	-	-	-	-	-	-	-	-	-	-
B3-5	9/11/1987	-	-	-	-	-	-	-	-	-	-
B3-10	9/11/1987	-	-	-	-	-	-	-	-	-	-
B3-15	9/11/1987	-	-	-	-	-	-	-	-	-	-
B3-20	9/11/1987	-	-	-	-	-	-	-	-	-	-
B4-5	9/11/1987	-	-	-	-	-	-	-	-	-	-
B4-10	9/11/1987	-	-	-	-	-	-	-	-	-	-
B4-15	9/11/1987	-	-	-	-	-	-	-	-	-	-
B4-20	9/11/1987	-	-	-	-	-	-	-	-	-	-
TDD1-15	6/11/1997	480	2.3	<0.75	7.0	42	-	-	-	-	1.7
TDD1-20	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD2-15	6/11/1997	37.0	0.19	0.13	0.61	1.9	-	-	-	-	<1.0
TDD2-20	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD3-15	6/11/1997	7.5	0.043	<0.015	0.044	<0.045	-	-	-	-	12
TDD3-20	6/11/1997	<1.0	0.11	<0.0050	0.0070	<0.015	-	-	-	-	3.2
TDD4-15	6/11/1997	36	0.41	<0.038	0.39	1.2	-	-	-	-	14
TDD4-20	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	1.4
TDD5-10	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD5-20	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD6-5	6/11/1997	550	2.5	5.5	9.7	50	-	-	-	-	6.0
TDD6-10	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD7-5	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD7-10	6/11/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD8-10	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD8-20	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD9-5	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD9-10	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
TDD9-20	6/12/1997	<1.0	<0.0050	<0.0050	<0.0050	<0.015	-	-	-	-	<1.0
T-1(8')	2/4/1998	61	0.085	1.3	0.77	4.6	-	-	-	-	0.60
T-2(8')	2/4/1998	260	<0.03	0.18	3.0	1.1	-	-	-	-	<0.3
T-3(8')	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
T-4(8')	2/4/1998	2	<0.005	<0.005	<0.005	0.01	-	-	-	-	0.07
UST-10	2/4/1998	210	<0.12	<0.5	0.71	1.1	-	-	-	-	<1.2
P-1	2/4/1998	49	0.071	0.39	0.44	2.8	-	-	-	-	<0.25
P-2	2/4/1998	1,200	1.7	24	21	96	-	-	-	-	15
P-3	2/4/1998	<5	0.062	0.092	0.031	0.098	-	-	-	-	9.4
P-4	2/4/1998	310	1.6	25	7.4	47	-	-	-	-	26
P-5	2/4/1998	920	6.5	35	15	78	-	-	-	-	13
P-6	2/4/1998	330	1.9	5.5	8.3	38	-	-	-	-	<2.5
SS-1	2/4/1998	<1.0	<0.005	<0.005	<0.005	0.022	-	-	-	-	0.56
SS-2	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-3	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-4	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-5	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-6	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-7	2/4/1998	<1.0	<0.005	0.009	<0.005	0.008	-	-	-	-	<0.05
SS-8	2/4/1998	<1.0	<0.005	<0.005	<0.005	<0.005	-	-	-	-	<0.05
SS-9	2/4/1998	<1.0	<0.005	0.006	<0.005	0.017	-	-	-	-	<0.05
SS-10	2/4/1998	<1.0	<0.005	<0.005	<0.005	0.016	-	-	-	-	<0.05
SS-11	2/4/1998	<1.0	<0.005	0.007	<0.005	0.007	-	-	-	-	<0.05
SS-12	2/4/1998	<1.0	<0.005	0.032	0.017	0.19	-	-	-	-	0.56
SS-13	2/4/1998	2,700	4.03	66	42	220	-	-	-	-	6.4

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 Thrifty Oil Station #063 - Oakland, CA
 GHC - 1332

Sample ID	Date Sampled	ANALYTICAL PARAMETERS									
		TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	DIPE (mg/Kg)	ETBE (mg/Kg)	TAME (mg/Kg)	TBA (mg/Kg)	MTBE (mg/Kg)
SS-14	2/4/1998	4	<0.005	0.74	0.047	0.33	-	-	-	-	0.86
SS-15	2/4/1998	3,600	4.2	78	49	260	-	-	-	-	7.3
SS-16	2/4/1998	2,100	2.4	41	27	130	-	-	-	-	5.2
SS-17	2/4/1998	2,900	3.8	67	42	230	-	-	-	-	4.7
SS-19	2/4/1998	15	0.04	0.055	0.1	0.42	-	-	-	-	0.45
SS-20	2/4/1998	270	<0.12	1.9	2.7	16	-	-	-	-	<1.2
SS-21	2/4/1998	86	<0.05	0.6	0.75	4.2	-	-	-	-	<0.5
SS-22	2/4/1998	240	0.25	4.1	3.3	19	-	-	-	-	<1.2
SS-23	2/4/1998	1	<0.005	0.007	0.007	0.082	-	-	-	-	0.1
MW-7-5	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-7-10	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-7-15	2/22/2007	710	<0.00032	<0.00038	5.9	10.8	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-7-18	2/22/2007	13	<0.00032	<0.00038	4.7	9.0	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-8-5	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-8-10	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-8-15	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
MW-8-18	2/22/2007	<0.022	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB1-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB1-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB1-15	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	0.010	<0.00035
SB1-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB1-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB1-30	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	0.023	0.0083
SB2-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB2-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB2-15	4/19/2011	<0.018	<0.00032	<0.00038	0.088	0.017	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB2-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB2-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	0.0025 J
SB2-30	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	0.011
SB3-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	0.044	<0.00035
SB3-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB3-15	4/19/2011	95	<0.009	<0.0085	0.165 J	0.063 J	<0.0085	<0.0125	<0.0085	<0.440	<0.0085
SB3-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB3-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB3-30	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	0.0053
SB4-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB4-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB4-15	4/19/2011	13	<0.009	<0.0085	0.900	0.344	<0.0085	<0.0125	<0.0085	<0.440	<0.0085
SB4-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB4-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	0.002 J
SB4-30	4/19/2011	<0.018	<0.00032	<0.00038	0.0035 J	0.0024 J	<0.0082	<0.00077	<0.00061	<0.005	0.0074
SB5-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB5-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB5-15	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB5-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB5-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB5-30	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB6-5	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB6-10	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	0.0011 J	<0.00077	<0.00061	<0.005	<0.00035
SB6-15	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	0.035	<0.00077	<0.00061	<0.005	<0.00035
SB6-20	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	0.0035	<0.00077	<0.00061	<0.005	<0.00035
SB6-25	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035
SB6-30	4/19/2011	<0.018	<0.00032	<0.00038	<0.00032	<0.0007	<0.00082	<0.00077	<0.00061	<0.005	<0.00035

NOTES: TPHg analyzed by EPA Method 8015M ESLs = Environmental Screening Levels
 BTEX and MTBE analysis by EPA Method 8260B 3m bgs = 3 meters (10 feet) below ground surface
 "<" = Less than the specified laboratory detection limit
 "J" = Trace
 * = Total Recoverable Petroleum Hydrocarbons
 - = Not analyzed

TABLE 2
 GROUNDWATER SAMPLE ANALYTICAL RESULTS
 FORMER TANK BASIN
 FORMER THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVENUE
 OAKLAND, CALIFORNIA
 PEG PROJECT NUMBER 331-008.1B

SAMPLE	CONCENTRATIONS (ug/L)					
	TPHg	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES	MtBE
T-W	39,000	470	3,900	760	6,100	8,400
T-1	130,000	800	14,000	4,500	27,000	3,800

Notes:
 mg/kg = Milligrams per kilogram.
 TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015M).
 MtBE = Methyl *tert*-butyl ether (EPA Method 8020A).

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
MONITORING WELL #MW-1											
Screen Interval = 15 to 30 feet						Casing Diameter = 2 inches					
11/21/88	-	-	-	-	-	-	NP	15.42	0.00	99.34	83.82
07/22/91	-	-	-	-	-	-	FILM	20.41	0.00	99.34	78.93
10/24/91	-	-	-	-	-	-	SHEEN	19.06	0.00	99.34	80.28
01/22/92	-	-	-	-	-	-	SHEEN	18.78	0.00	99.34	80.56
03/24/92	-	-	-	-	-	-	SHEEN	13.55	0.00	99.34	85.79
07/15/92	-	-	-	-	-	-	FILM	18.90	0.00	99.34	80.44
10/05/92	-	-	-	-	-	-	FILM	20.50	0.00	99.34	78.84
01/06/93	-	-	-	-	-	-	FILM	14.93	0.00	99.34	84.41
07/13/93	-	-	-	-	-	-	FILM	15.44	0.00	99.34	83.90
10/11/93	-	-	-	-	-	-	FILM	20.36	0.00	99.34	78.98
01/11/94	-	-	-	-	-	-	FILM	19.50	0.00	99.34	79.84
04/12/94	-	-	-	-	-	-	FILM	18.10	0.00	99.34	81.24
07/14/94	-	-	-	-	-	-	FILM	20.03	0.00	99.34	79.31
01/15/96	11,000	2,800	150	780	770	-	NP	19.02	0.00	99.34	80.32
04/15/96	17,000	3,800	330	1,500	3,400	-	NP	18.82	0.00	99.34	80.52
07/15/96	12,000	1,300	200	1,200	4,600	250	NP	#N/A	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.87	0.00	99.34	84.47
01/13/97	27,000	810	6,000	570	4,100	2,700	NP	10.20	0.00	99.34	89.14
04/14/97	2,900	3.0	2.9	<0.3	1.7	9,900	NP	#N/A	-	-	-
07/07/97	5,200	0.57	0.57	<0.3	0.71	16,000	NP	18.75	0.00	99.34	80.59
10/18/97	880	<0.3	0.55	<0.3	<0.5	-	NP	17.92	0.00	99.34	81.42
01/07/98	42,000	960	2,800	1,200	5,200	1.3	NP	9.80	0.00	99.34	89.54
04/06/98	7,100	700	340	170	2,600	1,000	NP	9.60	0.00	99.34	89.74
07/14/98	19,000	2,100	400	890	5,800	1,600	NP	13.70	0.00	99.34	85.64
10/15/98	490	<0.3	<0.3	<0.3	<0.5	1,300	NP	15.25	0.00	99.34	84.09
01/20/99	350	<0.3	<0.3	<0.3	<0.5	* 670 / 820	NP	12.20	0.00	99.34	87.14
04/16/99	320	<0.3	<0.3	<0.3	<0.5	* 540 / 630	NP	12.20	0.00	99.34	87.14
07/14/99	280	<0.3	<0.3	<0.3	<0.5	*590 / 580	NP	13.75	0.00	99.34	85.59
10/07/99	130	<0.3	<0.3	<0.3	<0.5	270	NP	12.15	0.00	99.34	87.19
01/26/00	13,000	480	54	260	3,700	940	NP	13.14	0.00	99.34	88.20
04/19/00	546	<0.25	<0.25	<0.25	<0.5	*430 / 606	NP	10.63	0.00	99.34	88.71
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	9.11	0.00	99.34	90.23
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	9.10	0.00	99.34	90.24
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.08	0.00	99.34	90.26
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	87.18
04/23/01	18,100	740	55	650	4,000	*1,850 / 842	NP	10.60	0.00	99.34	88.74
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.07	0.00	99.34	90.27
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	87.18
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.23	0.00	99.34	84.11
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.17	0.00	99.34	84.17
07/24/02	<50	<0.16	<0.14	<0.18	<0.26	<0.24	NP	16.71	0.00	99.34	82.83
10/30/02	<50	2.2	<0.14	<0.18	<0.26	13	NP	15.16	0.00	99.34	84.18
01/15/03	485 J	<0.14	<0.07	<0.08	<0.35	147	NP	16.70	0.00	99.34	82.64
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.16	0.00	99.34	84.18
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.64	0.00	99.34	85.70
10/08/03	761	11	<0.32	1.4 J	2.9 J	653	NP	15.50	0.00	99.34	83.84
01/15/04	853	<0.04	<0.02	<0.02	<0.06	*1,100 / 558	NP	14.20	0.00	99.34	85.14

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
04/14/04	494	<2.2	<3.2	<3.1	<4.0	843	NP	12.83	0.00	99.34	86.41
07/29/04	1,040	<2.2	<3.2	<3.1	<4.0	1,070	NP	14.73	0.00	99.34	84.61
10/14/04	3,250	266	<0.32	59	78	811	NP	15.26	0.00	99.34	84.08
01/06/05	197	<0.22	<0.32	<0.31	<0.4	406	NP	15.14	0.00	99.34	84.20
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.40	0.00	99.34	89.94
07/27/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.65	0.00	99.34	82.69
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	18.19	0.00	99.34	81.15
01/19/06	1,380	58	<0.10	62	113	33	NP	9.37	0.00	99.34	89.97
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	10.02	0.00	99.34	89.32
07/26/06	8,850	151	649	178	778	133	NP	15.18	0.00	99.34	84.16
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	75	NP	15.13	0.00	99.34	84.21
01/24/07	<5.6	<0.32	3.1 J	1.2 J	6.4	<0.63	NP	13.60	0.00	148.43	134.83
04/24/07	3,060	133	3.2 J	114	116	72	NP	15.61	0.00	148.43	132.82
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.67	0.00	148.43	133.76
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.28	0.00	148.43	134.17
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.60	0.00	148.43	132.83
04/29/08	<6.6	<0.18	1.4 J	<0.21	1.4 J	<0.19	NP	16.32	0.00	148.43	132.11
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.04	0.00	148.43	133.39
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.23	0.00	148.43	134.20
01/29/09	<6.6	<0.18	1.3 J	<0.21	<0.45	<0.19	NP	14.24	0.00	148.43	134.19
05/08/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.52	0.00	148.43	132.91
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.28	0.00	148.43	134.15
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.04	0.00	148.43	136.39
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.92	0.00	148.43	135.51
06/08/11	734	1.2	30	25	169	<0.19	NP	14.21	0.00	148.43	134.22

MONITORING WELL #MW-2

Screen Interval = 15 to 30 feet

11/21/86	-	-	-	-	-	-	0.11	14.90	14.79	100.01	96.28
07/22/91	-	-	-	-	-	-	0.38	17.84	17.46	100.01	95.35
10/24/91	-	-	-	-	-	-	16.97	17.00	0.03	100.01	83.03
01/22/92	-	-	-	-	-	-	FILM	16.72	0.00	100.01	83.29
03/24/92	-	-	-	-	-	-	11.98	15.81	3.83	100.01	87.09
07/15/92	-	-	-	-	-	-	FILM	16.37	0.00	100.01	83.64
10/05/92	-	-	-	-	-	-	18.09	18.41	0.32	100.01	81.84
01/06/93	-	-	-	-	-	-	FILM	12.37	0.00	100.01	87.64
07/13/93	-	-	-	-	-	-	FILM	15.19	0.00	100.01	84.82
10/11/93	-	-	-	-	-	-	0.10	18.05	17.95	100.01	95.51
01/11/94	-	-	-	-	-	-	0.03	16.98	16.95	100.01	95.83
04/12/94	-	-	-	-	-	-	FILM	15.54	0.00	100.01	84.47
07/14/94	-	-	-	-	-	-	FILM	17.93	0.00	100.01	82.08
01/15/96	7,100	720	280	48	660	-	NP	17.20	0.00	100.01	82.81
04/15/96	11,000	600	59	420	870	-	NP	17.26	0.00	100.01	82.75
07/15/96	19,000	360	51	810	1,800	<250	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.42	0.00	100.01	85.59
01/13/97	11,000	230	30	91	700	58	NP	10.25	0.00	100.01	89.76
04/14/97	141	1.2	0.33	0.44	<0.5	20	#N/A	-	-	-	-
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	17.20	0.00	100.01	82.81

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	16.20	0.00	100.01	83.81
01/07/98	-	-	-	-	-	-	16.18	16.26	0.08	100.01	83.81
Well Abandoned 1/30/98											
MONITORING WELL #MW-3											
Screen Interval = 15 to 30 feet				(GROUNDWATER SYSTEM'S PUMPING WELL)			Casing Diameter = 6 inches				
11/21/86	-	100	5.1	<1.0	25	-	0.10	16.25	16.15	99.76	95.70
07/22/91	-	-	-	-	-	-	NP	24.00	0.00	99.76	75.76
10/24/91	-	-	-	-	-	-	NP	18.10	0.00	99.76	81.66
01/22/92	-	-	-	-	-	-	SHEEN	25.80	0.00	99.76	73.96
03/24/92	-	-	-	-	-	-	NP	15.60	0.00	99.76	84.16
07/15/92	-	-	-	-	-	-	FILM	25.10	0.00	99.76	74.66
10/05/92	-	-	-	-	-	-	NP	25.20	0.00	99.76	74.56
01/06/93	-	-	-	-	-	-	NP	25.45	0.00	99.76	74.31
07/13/93	-	-	-	-	-	-	NP	14.24	0.00	99.76	85.52
10/11/93	-	-	-	-	-	-	NP	25.60	0.00	99.76	74.16
01/11/94	-	-	-	-	-	-	NP	25.90	0.00	99.76	73.86
04/12/94	-	-	-	-	-	-	NP	25.70	0.00	99.76	74.06
07/14/94	-	-	-	-	-	-	NP	25.10	0.00	99.76	74.66
01/15/96	-	-	-	-	-	-	NP	26.04	0.00	99.76	73.72
04/15/96	-	-	-	-	-	-	NP	21.03	0.00	99.76	76.73
07/15/96	5,900	240	30	270	730	780	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	21.43	0.00	99.76	78.33
01/13/97	-	-	-	-	-	-	NP	11.20	0.00	99.76	88.56
07/07/97	-	-	-	-	-	-	NP	23.40	0.00	99.76	76.36
10/16/97	-	-	-	-	-	-	NP	22.30	0.00	99.76	77.46
01/07/98	-	-	-	-	-	-	NP	20.10	0.00	99.76	79.66
07/14/98	-	-	-	-	-	-	NP	14.40	0.00	99.76	85.36
10/15/98	-	-	-	-	-	-	#N/A	-	-	-	-
01/20/99	-	-	-	-	-	-	#N/A	-	-	-	-
04/16/99	-	-	-	-	-	-	NP	11.20	0.00	99.76	88.56
07/14/99	5,600	9.8	1.3	3.5	8.1	*14,000 / 14,000	NP	25.87	0.00	99.76	73.89
10/07/99	-	-	-	-	-	-	NP	15.40	0.00	99.76	84.36
01/26/00	-	-	-	-	-	-	NP	14.25	0.00	99.76	85.51
04/19/00	-	-	-	-	-	-	NP	14.20	0.00	99.76	85.56
05/26/00	-	-	-	-	-	-	NP	15.12	0.00	99.76	84.64
07/26/00	-	-	-	-	-	-	NP	14.30	0.00	99.76	85.46
10/25/00	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
01/10/01	-	-	-	-	-	-	NP	13.46	0.00	99.76	86.30
04/23/01	-	-	-	-	-	-	#N/A	-	-	-	-
07/16/01	-	-	-	-	-	-	NP	12.80	0.00	99.76	86.96
10/17/01	-	-	-	-	-	-	NP	15.30	0.00	99.76	84.46
01/23/02	-	-	-	-	-	-	#N/A	-	-	-	-
04/10/02	-	-	-	-	-	-	NP	13.22	0.00	99.76	86.54
07/24/02	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
10/30/02	-	-	-	-	-	-	NP	16.20	0.00	99.76	83.56
01/15/03	-	-	-	-	-	-	NP	14.10	0.00	99.76	85.66
04/16/03	-	-	-	-	-	-	#N/A	-	-	99.76	-
07/14/03	2,490	<0.22	<0.32	<0.31	1.3 J	2,050	NP	18.30	0.00	99.76	81.46

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
10/08/03	3,330	<0.22	<0.32	<0.31	<0.4	4,070	NP	16.55	0.00	99.76	83.11
01/15/04	102	2.1	3.5	<0.02	12	*28 / 17	NP	14.18	0.00	99.76	85.58
04/14/04	464	63	18	<0.31	16	189	NP	13.45	0.00	99.76	86.32
07/29/04	1,560	74	<3.2	30 J	<4.0	729	NP	15.94	0.00	99.76	83.82
10/14/04	2,490	25	<0.32	<0.31	<0.4	2,530	NP	16.11	0.00	99.76	83.65
01/06/05	394	12	<0.32	1.5 J	<0.4	51	NP	15.61	0.00	99.76	84.15
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.19	0.00	99.76	90.57
07/27/05	383	5.6	<0.10	17	2.4 J	125	NP	16.63	0.00	99.76	83.13
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.97	0.00	99.76	82.79
01/19/06	2,050	93	2.2 J	103	55	273	NP	10.92	0.00	99.76	88.84
04/12/06	70	<0.32	<0.10	<0.24	<0.30	265	NP	12.55	0.00	99.76	87.21
07/26/06	228	<0.32	<0.10	<0.24	26	389	NP	14.94	0.00	99.76	84.82
10/25/06	87,100	26	4,880	2,390	18,500	<6.3	NP	17.49	0.00	99.76	82.27
01/24/07	4,770	1.5	98	86	604	<0.63	NP	13.40	0.00	148.94	135.54
04/24/07	15,700	42	<2.4	404	1,250	<1.9	NP	16.76	0.00	148.94	132.18
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.72	0.00	148.94	133.22
10/24/07	2,100	120	1.5 J	36	4.0 J	499	NP	15.43	0.00	148.94	133.51
01/23/08	59	<0.18	<0.24	<0.21	3.2 J	25	NP	15.43	0.00	148.94	133.51
04/29/08	1,770	34	273	60	361	11	NP	16.30	0.00	148.94	132.64
07/30/08	<6.6	<0.18	<0.24	<0.21	1.9 J	<0.19	NP	15.61	0.00	148.94	133.33
10/29/08	13,500	84	1,190	615	4,080	28	NP	15.42	0.00	148.94	133.52
01/29/09	2,510	81	449	87	448	<1.9	NP	15.40	0.00	148.94	133.54
05/08/09	119	<0.18	2.3 J	2.7 J	22	10	NP	15.26	0.00	148.94	133.66
12/14/09	17,400	118	970	362	2,670	<0.19	NP	15.45	0.00	148.94	133.49
05/19/10	133	<0.18	<0.24	<0.21	<0.45	5.2	NP	12.52	0.00	148.94	136.42
11/10/10	84	<0.18	<0.24	<0.21	2.6 J	51	NP	13.42	0.00	148.94	135.52
06/08/11	23,600	262	2,780	80 J	5,380	<3.8	NP	15.42	0.00	148.94	133.52

MONITORING WELL #MW-4

Screen Interval = 9 to 29 feet

Casing Diameter = 2 Inches

11/21/86	100,000	3,200	2,700	2,400	14,000	-	FILM	16.22	0.00	99.48	83.26
07/22/91	-	-	-	-	-	-	21.35	21.80	0.45	99.48	78.02
10/24/91	-	-	-	-	-	-	SHEEN	20.02	0.00	99.48	79.46
01/22/92	-	-	-	-	-	-	SHEEN	19.78	0.00	99.48	79.70
03/24/92	-	-	-	-	-	-	FILM	13.94	0.00	99.48	85.54
07/15/92	-	-	-	-	-	-	FILM	19.27	0.00	99.48	80.21
10/05/92	-	-	-	-	-	-	FILM	21.44	0.00	99.48	78.04
01/06/93	-	-	-	-	-	-	FILM	14.08	0.00	99.48	85.40
07/13/93	-	-	-	-	-	-	FILM	16.09	0.00	99.48	83.39
10/11/93	-	-	-	-	-	-	FILM	21.33	0.00	99.48	78.15
01/11/94	-	-	-	-	-	-	FILM	20.45	0.00	99.48	79.03
04/12/94	-	-	-	-	-	-	FILM	19.05	0.00	99.48	80.43
07/14/94	-	-	-	-	-	-	FILM	20.41	0.00	99.48	79.07
01/15/96	5,000	370	38	300	390	-	NP	19.89	0.00	99.48	79.59
04/15/96	38,000	300	78	540	470	-	NP	19.62	0.00	99.48	79.86
07/15/96	13,000	880	69	820	1,100	3,600	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.32	0.00	99.48	84.16
01/13/97	47,000	2,500	2,500	1,100	2,800	70,000	NP	10.80	0.00	99.48	88.68

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
04/14/97	8,700	<0.3	0.45	<0.3	0.64	29,000		#N/A	-	-	-
07/07/97	12,000	<0.3	<0.3	<0.3	<0.5	-	NP	18.80	0.00	99.48	80.68
10/16/97	770	<0.3	<0.3	<0.3	<0.5	-	NP	17.76	0.00	99.48	81.72
01/07/98	75,000	3,000	900	1,400	2,500	110	NP	11.60	0.00	99.48	87.88
04/03/98	18,000	1,200	130	710	1,400	22,000	NP	10.10	0.00	99.48	89.38
07/14/98	21,000	1,300	58	1,200	1,100	23,000	NP	16.30	0.00	99.48	83.18
10/15/98	9,100	1.1	0.62	<0.3	<0.5	30,000	NP	16.90	0.00	99.48	82.58
01/20/99	16,000	<0.3	0.91	0.72	1.4	*43,000 / 42,000	NP	15.35	0.00	100.48	85.13
04/16/99	17,000	0.48	0.92	0.54	1.4	*28,000 / 28,000	NP	15.30	0.00	100.48	85.18
07/14/99	8,500	<6.0	<6.0	<6.0	<10	*21,000 / 16,000	NP	18.40	0.00	100.48	82.08
10/07/99	2,500	<1.5	3.1	<1.5	<2.5	4,800	NP	16.89	0.00	100.48	83.59
01/23/00	9,900	350	9.0	460	460	2,800	NP	12.62	0.00	100.48	87.86
04/19/00	8,990	0.7	<0.25	<0.25	<0.5	*3,240 / 5,450	NP	12.28	0.00	100.48	88.20
05/25/00	94	<0.3	<0.3	<0.3	<0.6	*746 / 419	NP	13.81	0.00	100.48	86.67
07/28/00	<50	<0.3	<0.3	<0.3	<0.6	3,110 / 2,080	NP	12.29	0.00	100.48	88.19
10/25/00	2,480	<0.18	<0.14	<0.18	<0.26	*3,690 / 3,040	NP	12.26	0.00	100.48	88.22
01/10/01	<50	<0.18	2.0	<0.18	1.0	962	NP	10.75	0.00	100.48	89.73
04/23/01	482	<0.18	<0.14	<0.18	<0.26	*875 / 453	NP	12.26	0.00	100.48	88.22
07/16/01	71,700	9,440	12,600	514	8,980	*1,330 / 389	NP	13.80	0.00	100.48	86.68
10/17/01	13,500	1,950	425	<5.94	1,110	*829 / 329	NP	16.87	0.00	100.48	83.61
01/23/02	12,100	196	57	68	2,090	*688/738	NP	12.28	0.00	100.48	88.20
04/10/02	655	7.0	8.0	1.0	1.0	587	NP	13.80	0.00	100.48	86.68
07/24/02	17,400	<0.18	1.9	1.4	2.2	12,800	NP	15.33	0.00	100.48	85.15
10/30/02	17,300	400	47	748	131	12,300	NP	17.00	0.00	100.48	83.48
01/15/03	23,000	568	39	832	268	18,300	NP	16.84	0.00	100.48	83.64
04/16/03	15,800	411	15	26	14	18,200	NP	16.86	0.00	100.48	83.62
07/14/03	13,300	145	26	2.8 J	12	17,800	NP	10.69	0.00	100.48	89.79
10/08/03	12,500	64	<3.2	359	24 J	11,400	NP	16.32	0.00	100.48	84.16
01/15/04	12,300	11	4.4	66	4.0	*17,000 / 9,560	NP	14.67	0.00	100.48	85.81
04/14/04	7,340	<11	<16	<15.5	<20	13,500	NP	13.88	0.00	100.48	86.80
07/29/04	5,400	<2.2	<3.2	57	<4.0	6,730	NP	15.50	0.00	100.48	84.98
10/14/04	10,200	197	<3.2	233	13 J	3,940	NP	16.08	0.00	100.48	84.40
01/06/05	4,880	60	<3.2	74	<4.0	4,760	NP	15.24	0.00	100.48	85.24
04/13/05	2,780	57	35	20	251	3,650	NP	9.64	0.00	100.48	90.84
07/27/05	1,990	<0.32	<0.10	<0.24	<0.30	2,590	NP	16.79	0.00	100.48	83.69
10/12/05	25,700	177	<1.0	941	<3.0	4,810	NP	16.78	0.00	100.48	83.70
01/19/06	4,780	96	1.9 J	183	57	210	NP	10.46	0.00	100.48	90.02
04/12/06	1,860	<0.32	<0.10	<0.24	<0.30	192	NP	12.69	0.00	100.48	87.79
07/26/06	6,390	133	343	94	363	1,160	NP	15.18	0.00	100.48	85.30
10/25/06	12,100	51	162	<2.4	2,380	2,050	NP	14.88	0.00	100.48	85.60
01/24/07	21,600	2.9	256	205	1,710	123	NP	13.74	0.00	148.88	135.14
04/24/07	1,840	25	<0.24	80	14	754	NP	16.67	0.00	148.88	132.21
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.44	0.00	148.88	133.44
10/24/07	106	13	<0.24	1.4 J	<0.45	44	NP	15.17	0.00	148.88	133.71
01/23/08	1,520	41	100	18	152	428	NP	16.57	0.00	148.88	132.31
04/29/08	4,340	76	498	138	817	<1.9	NP	17.58	0.00	148.88	131.30
07/30/08	1,280	28	105	26	150	<0.18	NP	16.54	0.00	148.88	132.34
10/29/08	31,500	130	1,870	926	5,510	<19	NP	15.14	0.00	148.88	133.74

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
01/29/09	184,000	1,620	30,600	5,250	24,000	<4.75	NP	15.15	0.00	148.88	133.73
02/18/09	42,900	525	5,570	<5.25	7,560	<4.75	NP	11.38	0.00	148.88	137.50
05/06/09	2,660	8.7	184	76	452	3.4	NP	16.53	0.00	148.88	132.35
12/14/09	65,600	394.0	3,610	1,290	9,340	<0.19	NP	15.21	0.00	148.88	133.67
05/19/10	1,870	50	<0.24	105	1.8 J	10	NP	12.40	0.00	148.88	136.48
11/10/10	469	<0.18	<0.24	1.1 J	15	96	NP	13.65	0.00	148.88	135.23
06/08/11	4,390	10	<1.2	<1.05	1,450	<0.95	NP	16.56	0.00	148.88	132.32
MONITORING WELL #MW-5											
Screen Interval = 7 to 27 feet											
Casing Diameter = 4 inches											
11/21/88	<1,000	4.8	2.1	<0.5	7.4	-	NP	16.10	0.00	100.98	84.88
07/22/91	-	<0.5	1.6	<1.0	2.0	-	NP	18.20	0.00	100.98	82.78
10/24/91	-	-	-	-	-	-	NP	17.67	0.00	100.98	83.31
01/22/92	600	21.0	8.0	2.0	17.0	-	#N/A	-	-	-	-
03/24/92	-	-	-	-	-	-	NP	12.98	0.00	100.98	88.00
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	17.29	0.00	100.98	83.69
10/05/92	-	-	-	-	-	-	NP	18.92	0.00	100.98	82.06
01/06/93	300	2.7	<0.5	1.3	26.0	-	NP	13.12	0.00	100.98	87.66
07/13/93	<100	1.1	0.5	1.0	1.5	-	NP	16.15	0.00	100.98	84.83
10/11/93	130	1.2	<0.3	<0.3	<0.6	-	NP	18.75	0.00	100.98	82.23
01/11/94	<60	1.5	<0.3	<0.3	<0.5	-	NP	17.80	0.00	100.98	83.18
04/12/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.59	0.00	100.98	87.39
07/14/94	<50	0.42	<0.3	<0.3	<0.5	-	NP	18.28	0.00	100.98	82.72
07/15/95	100	1.2	<0.5	0.8	<1.0	-	#N/A	-	-	-	-
01/15/96	1,900	21	13	6.2	6.8	-	NP	13.09	0.00	100.98	87.89
04/15/96	250	5.1	2.7	1.7	1.1	-	NP	13.16	0.00	100.98	87.82
07/15/96	270	6.5	1.4	1.8	1.4	230	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.37	0.00	100.98	85.61
01/13/97	25,000	790	5,700	560	4,000	24,000	NP	10.90	0.00	100.98	90.06
04/14/97	6,300	260	1,600	28	550	9,000	#N/A	-	-	-	-
07/07/97	7,500	300	1,500	12	110	16,000	NP	14.70	0.00	100.98	86.28
10/16/97	4,600	<0.3	0.85	<0.3	<0.5	-	NP	13.60	0.00	100.98	87.38
01/07/98	2,700	33	11	37	580	7.3	NP	10.97	0.00	100.98	90.01
04/08/98	300	9.1	<0.3	<0.3	<0.5	650	NP	10.90	0.00	100.98	90.08
07/14/98	670	5.9	<0.3	<0.3	0.53	2,300	NP	15.20	0.00	100.98	85.78
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	19	NP	15.90	0.00	100.98	85.08
01/20/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.20	0.00	101.98	86.78
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.25	0.00	101.98	86.73
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.96	0.00	101.98	88.02
10/07/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	16.33	0.00	101.98	85.85
01/26/00	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	14.80	0.00	101.98	87.18
04/19/00	965	<0.25	<0.25	<0.25	<0.5	<5.0	NP	10.97	0.00	101.98	91.01
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	14.43	0.00	101.98	87.55
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	14.02	0.00	101.98	87.96
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.04	0.00	101.98	87.94
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*10 / 4.2	NP	10.97	0.00	101.98	91.01
07/16/01	3,360	430	603	53	429	*41 / 4.2	NP	14.80	0.00	101.98	87.18

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	*16 / 5.2	NP	16.71	0.00	101.98	85.27
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.42	0.00	101.98	87.58
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.78	0.00	101.98	87.20
10/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.93	0.00	101.98	86.05
01/15/03	<50	<0.14	<0.07	<0.08	<0.35	<2.0	NP	15.55	0.00	101.98	86.43
04/16/03	<15	<0.04	<0.02	<0.02	<0.08	<0.03	NP	15.55	0.00	101.98	86.43
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.93	0.00	101.98	86.05
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	16.35	0.00	101.98	85.63
01/15/04	<15	<0.04	<0.02	<0.02	<0.08	<0.03	NP	15.06	0.00	101.98	86.92
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.96	0.00	101.98	88.02
07/29/04	659	<2.2	<3.2	<3.1	<4.0	606	NP	15.60	0.00	101.98	86.38
10/14/04	411	<0.22	<0.32	<0.31	<0.4	425	NP	16.17	0.00	101.98	85.81
01/06/05	433	<0.22	<0.32	<0.31	<0.4	491	NP	15.52	0.00	101.98	86.46
04/13/05	161	<0.22	<0.32	<0.31	<0.4	465	NP	10.12	0.00	101.98	91.86
07/27/05	237	<0.32	<0.10	<0.24	<0.30	243	NP	16.66	0.00	101.98	85.32
10/12/05	149	<0.32	<0.10	<0.24	<0.30	183	NP	16.66	0.00	101.98	85.32
01/19/06	66	<0.32	<0.10	<0.24	<0.30	5.9	NP	9.96	0.00	101.98	92.02
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	11.69	0.00	101.98	90.29
07/26/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	15.53	0.00	101.98	86.45
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	12.96	0.00	101.98	89.02
01/24/07	60	<0.32	16	3.8 J	17	<0.63	NP	14.37	0.00	149.62	135.25
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.12	0.00	149.62	135.50
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	17.06	0.00	149.62	132.56
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	16.50	0.00	149.62	133.12
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.16	0.00	149.62	135.46
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.99	0.00	149.62	134.73
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.96	0.00	149.62	133.66
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	16.47	0.00	149.62	133.15
01/29/09	<6.6	<0.18	1.9 J	<0.21	<0.45	<0.19	NP	16.47	0.00	149.62	133.15
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53
12/14/09	131	2.4	14	2.6 J	14	<0.19	NP	16.53	0.00	149.62	133.09
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.01	0.00	149.62	135.61
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53
06/08/11	4,100	29	437	161	816	<0.19	NP	16.48	0.00	149.62	133.14

MONITORING WELL #MW-6

Screen Interval = 7 to 27 feet

Casing Diameter = 4 inches

11/21/86	<1,000	<2.0	<2.0	<2.0	<2.0	-	NP	12.64	0.00	99.44	86.80
07/22/91	-	-	-	-	-	-	-	#N/A	-	-	-
01/22/92	<200	<0.5	<0.5	<0.5	1.5	-	-	#N/A	-	-	-
03/24/92	-	-	-	-	-	-	NP	10.04	0.00	99.44	89.40
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	13.29	0.00	99.44	86.15
10/05/92	-	-	-	-	-	-	NP	14.69	0.00	99.44	84.75
01/06/93	<200	<0.5	<0.5	<0.5	<1.0	-	NP	10.87	0.00	99.44	88.57
07/13/93	<100	<0.5	<0.5	<0.5	<1.0	-	NP	13.10	0.00	99.44	86.34
10/11/93	<60	<0.3	<0.3	<0.3	<0.6	-	NP	14.43	0.00	99.44	85.01
01/11/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.56	0.00	99.44	85.88

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
04/12/04	<50	<0.3	<0.3	<0.3	<0.3	-	NP	12.10	0.00	99.44	87.34
07/14/04	<50	<0.3	<0.3	<0.3	<0.3	-	NP	14.16	0.00	99.44	85.28
07/15/05	140	<0.5	<0.5	<0.5	<1	-	#N/A	-	-	-	-
01/15/06	56	0.38	0.33	<0.3	<0.5	-	NP	14.29	0.00	99.44	85.15
04/15/06	98	4.5	<0.3	<0.3	0.53	-	NP	14.32	0.00	99.44	85.12
07/15/06	140	2.4	0.44	<0.3	0.70	110	#N/A	-	-	-	-
10/09/06	-	-	-	-	-	-	NP	12.09	0.00	99.44	87.35
01/13/07	210	<0.3	1.2	<0.3	0.68	270	NP	9.85	0.00	96.44	89.59
04/14/07	<50	<0.3	<0.3	<0.3	<0.5	<20	#N/A	-	-	-	-
07/07/07	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	14.20	0.00	99.44	85.24
10/18/07	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.10	0.00	99.44	86.34
01/07/08	<50	<0.3	<0.3	<0.3	<0.5	0.10	NP	9.80	0.00	99.44	89.64
07/14/08	330	<0.3	<0.3	<0.3	<0.5	380	NP	12.30	0.00	99.44	87.14
10/15/08	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	14.30	0.00	99.44	85.14
01/20/09	<50	0.47	<0.3	<0.3	<0.5	<5.0	NP	13.60	0.00	100.44	86.64
04/18/09	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	13.50	0.00	100.44	86.94
07/14/09	<50	<0.3	<0.3	<0.3	<0.5	*5.4 / <5.0	NP	14.65	0.00	100.44	85.79
10/07/09	<50	<0.3	0.96	0.35	1.8	<5.0	NP	15.39	0.00	100.44	85.05
01/26/00	<50	<0.3	<0.3	<0.3	0.63	<5.0	NP	13.85	0.00	100.44	86.59
04/19/00	83.1	<0.25	<0.25	<0.25	<0.5	*11 / <5.0	NP	9.65	0.00	100.44	90.79
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	13.10	0.00	100.44	87.34
07/28/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	12.35	0.00	100.44	88.09
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	*7 / 10	NP	12.30	0.00	100.44	88.14
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	78	NP	13.45	0.00	100.44	86.99
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*9 / 4	NP	9.65	0.00	100.44	90.79
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.09	0.00	100.44	87.35
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.37	0.00	100.44	85.07
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.27	0.00	100.44	87.17
04/19/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.07	0.00	100.44	87.37
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.86	0.00	100.44	86.56
10/30/02	<50	1.8	<0.14	<0.18	<0.26	6.4	NP	14.20	0.00	100.44	86.24
01/15/03	<50	<0.14	<0.07	<0.08	0.84	<2.0	NP	15.35	0.00	100.44	85.06
04/18/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	14.58	0.00	100.44	85.86
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.35	0.00	100.44	85.09
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.80	0.00	100.44	86.64
01/15/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	13.51	0.00	100.44	86.93
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	11.82	0.00	100.44	88.82
07/29/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.12	0.00	100.44	87.32
10/14/04	346	<0.22	<0.32	<0.31	<0.4	159	NP	13.53	0.00	100.44	86.91
01/06/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.02	0.00	100.44	87.42
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.32	0.00	100.44	91.12
07/27/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	13.17	0.00	100.44	87.27
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	14.55	0.00	100.44	85.89
01/19/06	72	<0.32	<0.10	<0.24	<0.30	12	NP	8.74	0.00	100.44	91.70
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	9.98	0.00	100.44	90.48
07/26/06	55	<0.32	<0.10	<0.24	<0.30	57	NP	12.56	0.00	100.44	87.88
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	13.00	0.00	100.44	87.44
01/24/07	<5.6	<0.32	2.2 J	1.1 J	5.6	<0.63	NP	11.87	0.00	148.38	136.51

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
04/24/07	<5.8	<0.18	<0.24	<0.21	1.5 J	5.7	NP	10.83	0.00	148.38	137.75
07/25/07	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.04	0.00	148.38	135.34
10/24/07	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.53	0.00	148.38	135.85
01/23/08	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.70	0.00	148.38	137.68
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	11.43	0.00	148.38	136.95
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.36	0.00	148.38	135.02
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.51	0.00	148.38	135.87
01/29/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.50	0.00	148.38	135.88
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.83	0.00	148.38	137.75
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.55	0.00	148.38	135.83
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.56	0.00	148.38	137.82
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.12	0.00	148.38	138.26
06/08/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.50	0.00	148.38	135.88
MONITORING WELL #MW-7											
Screen Interval = 8 to 18 feet											
Casing Diameter = 2 inches											
03/05/07	3,110	16	<0.10	125	725	10	NP	10.84	0.00	148.20	137.36
04/24/07	15,500	42	<2.4	381	1,230	<1.9	NP	15.03	0.00	148.20	133.17
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.03	0.00	148.20	133.17
10/24/07	1,100	72	<0.24	18	1.6 J	221	NP	14.54	0.00	148.20	133.66
01/23/08	149	<0.18	14	4.4 J	25	<0.19	NP	15.00	0.00	148.20	133.20
04/29/08	978	<0.18	4.2 J	25	185	<0.19	NP	13.14	0.00	148.20	135.06
07/30/08	181	<0.18	<0.24	<0.21	22	<0.19	NP	15.13	0.00	148.20	133.07
10/29/08	13,200	108	987	400	2,550	<0.19	NP	14.52	0.00	148.20	133.68
01/29/09	11,100	176	1,380	374	2,380	<1.9	NP	14.51	0.00	148.20	133.69
05/06/09	15,400	241	1,110	342	1,660	<1.9	NP	12.33	0.00	148.20	135.87
12/14/09	39,900	271	3,240	1,420	8,890	<19.0	NP	12.42	0.00	148.20	135.78
05/19/10	3,360	18	88	64	379	12	NP	12.56	0.00	148.20	135.64
11/10/10	29,800	1.0	1.3 J	2,400	10,300	3.0	NP	13.43	0.00	148.20	134.77
06/08/11	14,000	138	1,580	521	2,880	<8.5	NP	14.52	0.00	148.20	133.68
MONITORING WELL #MW-8											
Screen Interval = 8 to 18 feet											
Casing Diameter = 2 inches											
03/05/07	<5.8	<0.32	<0.10	<0.24	<0.3	22	NP	11.90	0.00	147.31	135.41
04/24/07	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.37	0.00	147.31	134.94
07/25/07	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.42	0.00	147.31	133.89
10/24/07	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.93	0.00	147.31	134.38
01/23/08	<5.8	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.40	0.00	147.31	134.91
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.73	0.00	147.31	131.58
07/30/08	<6.6	<0.18	1.3 J	<0.21	1.1 J	<0.19	NP	13.50	0.00	147.31	133.81
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.92	0.00	147.31	134.39
01/29/09	<6.6	<0.18	4.8 J	<0.21	1.7 J	<0.19	NP	12.89	0.00	147.31	134.42
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.93	0.00	147.31	132.38
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.95	0.00	147.31	134.38

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.14	0.00	147.31	132.17
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.36	0.00	147.31	134.95
06/08/11	<6.6	<0.18	2.2 J	<0.21	4.1 J	<0.19	NP	12.91	0.00	147.31	134.40

NOTE: Monitoring wells MW-1 through MW-8 were surveyed on 3/5/2007

^ Top of casing elevation estimated to be 6 inches below well rim

NP = No free hydrocarbon product

" - " = Not analyzed / Not available

* MTBE 8020 / 8260

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020/8021B.

Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline

Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020/8021B

On 10/8/03 & 7/14/2003, BTEX and MTBE analyzed by 8260B

Beginning 4/14/2004, BTEX and MTBE analyzed by 8260B

**TABLE 2A
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, 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 (ug/L)					
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.95	0.00	147.31	134.36
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.14	0.00	147.31	132.17
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.36	0.00	147.31	134.95
SV-5 Grab Groundwater Sample											
04/18/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	-	-	-	-
SV-5 Grab Groundwater Sample											
04/18/11	<6.6	<0.18	<0.24	<0.21	<0.45	1.3	NP	-	-	-	-
SB-1 Grab Groundwater Sample											
04/19/11	<6.6	<0.18	<0.24	<0.21	<0.45	11	NP	-	-	-	-
SB-5 Grab Groundwater Sample											
04/19/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	-	-	-	-
SB-6 Grab Groundwater Sample											
04/19/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	-	-	-	-

NOTE: Monitoring wells MW-1 through MW-8 were surveyed on 3/5/2007

^ Top of casing elevation estimated to be 6 inches below well rim

NP = No free hydrocarbon product

* - * = Not analyzed / Not available

* MTBE 8020 / 8260

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020/8021B.

Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline

Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020/8021B

On 10/8/03 & 7/14/2003, BTEX and MTBE analyzed by 8260B

Beginning 4/14/2004, BTEX and MTBE analyzed by 8260B

**TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
MONITORING WELL # MW-1						
10/16/97	<20	<20	<20	3,900		
01/07/98	<20	<20	92	<500		
04/03/98	<20	<20	65	<500		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	15	487		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	<0.28	27	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<2.9	<1.7	<2.8	121	-	-
10/25/06	<0.29	<0.17	2.4	11	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	<0.19	54	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-2						
10/16/97	<20	<20	<20	<500		
Well Abandoned 1/30/98						
MONITORING WELL # MW-3 (GROUNDWATER SYSTEM'S PUMPING WELL)						
10/16/97	-	-	-	-		
01/07/98	-	-	-	-		
04/03/98	-	-	-	-		
07/14/03	<0.29	<0.17	24	608		
10/08/03	<0.29	<0.17	30	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	24	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	3.9	167	<20	<20
04/12/06	<0.29	<0.17	2.5	17	<20	<20
07/26/06	<0.29	<0.17	3.2	205	-	-
10/25/06	<2.9	<1.7	<2.8	<100	-	-
01/24/07	<0.29	<0.17	<0.28	70	-	-
04/24/07	<2.0	<2.3	<1.9	<18	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	1790	-	-
01/23/08	<0.20	<0.23	<0.19	38	-	-

TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	81	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-

**TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	DI-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	158	-	-
06/08/11	<4.0	<4.6	<3.8	<104.0	-	-
MONITORING WELL # MW-4						
10/18/97	<20	<20	<20	14,000		
01/07/98	<20	<20	230	<500		
04/03/98	<200	<200	<200	<5,000		
07/14/03	<0.29	<0.17	62	2,490		
10/08/03	<2.9	<1.7	101	<100		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<2.9	<1.7	<2.8	1,340	<20	<20
01/19/06	<0.29	<0.17	<0.28	138	<20	<20
04/12/06	<0.29	<0.17	<0.28	183	<20	<20
07/28/06	<2.9	<1.7	16	838	-	-
10/25/06	<2.9	<1.7	18	1080	-	-
01/24/07	<0.29	<0.17	<0.28	139	-	-
04/24/07	<0.20	<0.23	11	778	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	62	-	-
01/23/08	<0.20	<0.23	7.3	1,520	-	-
04/29/08	<2.0	<2.3	<1.9	<100	-	-
07/30/08	<0.20	<0.23	<0.19	20	-	-
10/29/08	<20	<23	<19	<520	-	-
01/29/09	<5.0	<5.75	<4.75	<130	-	-
02/18/09	<5.0	<5.75	<4.75	<130	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	50	-	-
11/10/10	<0.20	<0.23	6.1	739	-	-
06/08/11	<1.0	<1.15	<0.95	<28.0	-	-
MONITORING WELL # MW-5						
10/18/97	<20	<20	<20	4,700		
01/07/98	<20	<20	<20	<500		
04/03/98	<20	<20	<20	<500		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	<0.28	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/28/06	<0.29	<0.17	<0.28	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-

TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-

**TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	23	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-6						
10/16/97	<20	<20	<20	<500		
01/07/98	<20	<20	40	<500		
04/03/98	-	-	-	-		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	2.7	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/28/06	<0.29	<0.17	47	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	2.4	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-7						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<2.0	<2.3	<1.9	<18	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	1120	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<2.0	<2.3	<1.9	<52.0	-	-
12/14/09	<20.0	<23.0	<19.0	<520.0	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<10.0	<11.5	<9.5	<280.0	-	-
MONITORING WELL # MW-8						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-

**TABLE 2
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
10/24/07	<0.20	<0.23	<0.19	<10	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-

NOTE: DIPE, ETBE, TAME, TBA analyzed by EPA Method 8260/8260B

**TABLE 2B
OXYGENATE DATA IN GROUNDWATER
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
MONITORING WELL # MW-6						
10/16/97	<20	<20	<20	<500		
01/07/98	<20	<20	40	<500		
04/03/98	-	-	-	-		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	2.7	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<0.29	<0.17	47	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	2.4	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-7						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<2.0	<2.3	<1.9	<18	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	1120	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<2.0	<2.3	<1.9	<52.0	-	-
12/14/09	<20.0	<23.0	<19.0	<520.0	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-8						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
SV-5 Grab Groundwater Sample						
04/18/11	<0.20	<0.23	<0.19	<5.2	-	-

**TABLE 2B
 OXYGENATE DATA IN GROUNDWATER
 THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
SV-6 Grab Groundwater Sample						
04/18/11	<0.20	<0.23	<0.19	<5.2	-	-
SB-1 Grab Groundwater Sample						
04/19/11	<0.20	<0.23	<0.19	11	-	-
SB-5 Grab Groundwater Sample						
04/19/11	<0.20	<0.23	<0.19	<5.2	-	-
SB-6 Grab Groundwater Sample						
04/19/11	2.9	<0.23	<0.19	<5.2	-	-

NOTE: DIPE, ETBE, TAME, TBA analyzed by EPA Method 8260/8260B

TABLE 5
SOIL VAPOR SAMPLE LABORATORY ANALYTICAL RESULTS
 THRIFTY OIL STATION #063 - Oakland, CA
 GHC 1687

SAMPLE ID	DATE SAMPLE	ANALYTICAL PARAMETERS								
		TPHg ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Ethylbenzene ($\mu\text{g}/\text{m}^3$)	Xylenes ($\mu\text{g}/\text{m}^3$)	MTBE ($\mu\text{g}/\text{m}^3$)	Carbon Dioxide %	Oxygen %	Methane %
SV-1	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	0.7	19.7	0.0
SV-2	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	1.2	18.6	0.0
SV-3 (1 PV)	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	1.8	18.5	0.0
SV-3 (3 PV)	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	1.8	18.5	0.0
SV-3 (7 PV)	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	1.8	18.5	0.0
SV-4	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	3.7	14	0.0
SV-4 (Dup)	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	3.7	14	0.0
SV-5	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	0.5	20	0.0
SV-6	04/18/11	<1,000	<10	<1,000	<1,000	<1,000	<1,000	0.6	19.6	0.0

NOTES:

TPHg = Gasoline Range Organics

" < " = Less than the laboratory detection limit

All other VOCs not listed were not detected above the laboratory method detection limit

TABLE 3
WELL COMPLETION DETAILS
 Thrifty Oil Station #063 - Oakland, CA
 GHC - 1332

Well ID	Date Constructed	Total Depth	Casing Diameter	Screen Interval	TOC Elevation *
MW-1	06/21/86	30 ft	2 - inch	15-30 ft	99.34
MW-2	06/21/86	30 ft	2 - inch	15-30 ft	abandoned
MW-3	06/21/86	30 ft	2 - inch	15-30 ft	99.76
MW-4	11/13/86	29 ft	4 - inch	9-29 ft	99.48
MW-5	11/13/86	27 ft	4 - inch	7-27 ft	100.98
MW-6	11/13/86	27 ft	4 - inch	7-27 ft	99.44

NOTES: * Feet above mean sea level
 - = Not surveyed



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Drilling Log

Well Number MW 1

Project Arco / Telegraph Owner Arco Petroleum

Location 6125 Telegraph Ave. Project Number 20-0651-301

Date Drilled 6/21/86 Total Depth of Hole 30 ft. Diameter 7.5 in.

Surface Elevation _____ Water Level, Initial 16.19 ft 24-hrs. _____

Screen: Dia. 2 in. Length 20 ft. Slot Size .020 in.

Casing: Dia. 2 in. Length 10 ft. Type PVC

Drilling Company Sierra Pacific Drilling Method h. s. auger

Driller L. Pera Log by B. Channell

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0				ML	Brown clayey silt, dry, no odor
2				SM	Light brown silty sand, damp, no odor
4				CL	Black clay, moist, medium stiff, no odor
6					Brown clay, moist, medium stiff, no odor
7		A	7		
8			8		Brown gray clay, dry, stiff, very slight odor
9			9		
10				CL	
12		B	6		Blue gray gravelly clay, dry, stiff, moderate odor
13			7		
14			8		
16					6/21/86
15		C	15		Blue gray gravelly (coarse) clay, dry, very stiff, moderate odor
17			12		
18			16		
20					Note: Increase in gravel
22					
24					Brown silty, gravelly clay, dry, very stiff, no odor



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Well Number MW 1

Drilling Log

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
28					Brown silty, gravelly clay, dry, very stiff, no odor
30					End of hole - 30 ft.



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Drilling Log

Well Number MW 2
 Project Arco / Telegraph Owner Arco Petroleum
 Location 6125 Telegraph Ave. Project Number 20-0651-301
 Date Drilled 6/21/86 Total Depth of Hole 30 ft. Diameter 7.5 in.
 Surface Elevation _____ Water Level, Initial 15.01 ft 24-hrs. _____
 Screen: Dia. 2 in. Length 15 ft. Slot Size .020 in.
 Casing: Dia. 2 in. Length 15 ft. Type PVC
 Drilling Company Sierra Pacific Drilling Method h. s. auger
 Driller L. Pera Log by B. Channell

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0				Asphalt	Asphalt
0-2				Gray sand (fine), moist, slight odor	Gray sand (fine), moist, slight odor
2-4					
4-6				SW Gray sand (fine), moist, slight odor	Gray sand (fine), moist, slight odor
6-8					
8-10			A 2	Gray sand (fine), moist, loose, slight odor	Gray sand (fine), moist, loose, slight odor
10-12			2		
12-14			2		
14-16			B 4	Brown silty clay, damp, stiff, moderate odor	Brown silty clay, damp, stiff, moderate odor
16-18			7	Brown silty, gravelly (coarse) clay, wet, stiff, moderate odor	Brown silty, gravelly (coarse) clay, wet, stiff, moderate odor
18-20			8	Brown clayey sand, damp, moderate odor	Brown clayey sand, damp, moderate odor
20-22			C 5	SC Brown silty, gravelly clay, very stiff, no odor	Brown silty, gravelly clay, very stiff, no odor
22-24			8		
24-26			15	CL Brown silty, gravelly clay, very stiff, no odor	Brown silty, gravelly clay, very stiff, no odor
26-28					
28-30				CL Brown silty, gravelly clay, very stiff, no odor	Brown silty, gravelly clay, very stiff, no odor

▼ 6/21/86



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Well Number MW 2

Drilling Log

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
28 30					Brown silty, gravelly clay, very stiff, no odor End of hole - 30 ft.



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Drilling Log

Well Number MW 3

Project Arco / Telegraph Owner Arco Petroleum

Location 6125 Telegraph Ave. Project Number 20-0651-301

Date Drilled 6/21/86 Total Depth of Hole 30 ft. Diameter 7.5 in.

Surface Elevation _____ Water Level, Initial 16.3 ft. 24-hrs. _____

Screen: Dia. 2 in. Length 20 ft. Slot Size .020 in.

Casing: Dia. 2 in. Length 10 ft. Type PVC

Drilling Company Sierra Pacific Drilling Method h. s. auger

Driller L. Pera Log by B. Channell

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0				Asphalt	Asphalt
0-2				Peagravel	Peagravel, no odor
2-4				CL	Black clay, stiff, no odor
4-6					Brown tan clay, dry, stiff, no odor
6-8				CL	
8-10			A 4 7 8		Brown gray silty clay, dry, stiff, no odor
10-12					
12-14					Note: Odor detected
14-16			B 3 4 5		Brown gray silty clay, dry, medium stiff, moderate odor
16				▼ 6/21/86	
16-18					
18-20			C 3 5 6		Brown gray gravelly (coarse) clay, moist, stiff, no odor
20-22				CL	
22-24					Brown gray gravelly (coarse) clay, moist, stiff, no odor

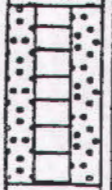



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Well Number MW 3

Drilling Log

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
28 30					Brown gray gravelly (coarse) clay, moist, stiff, no odor
					End of hole - 30 ft.

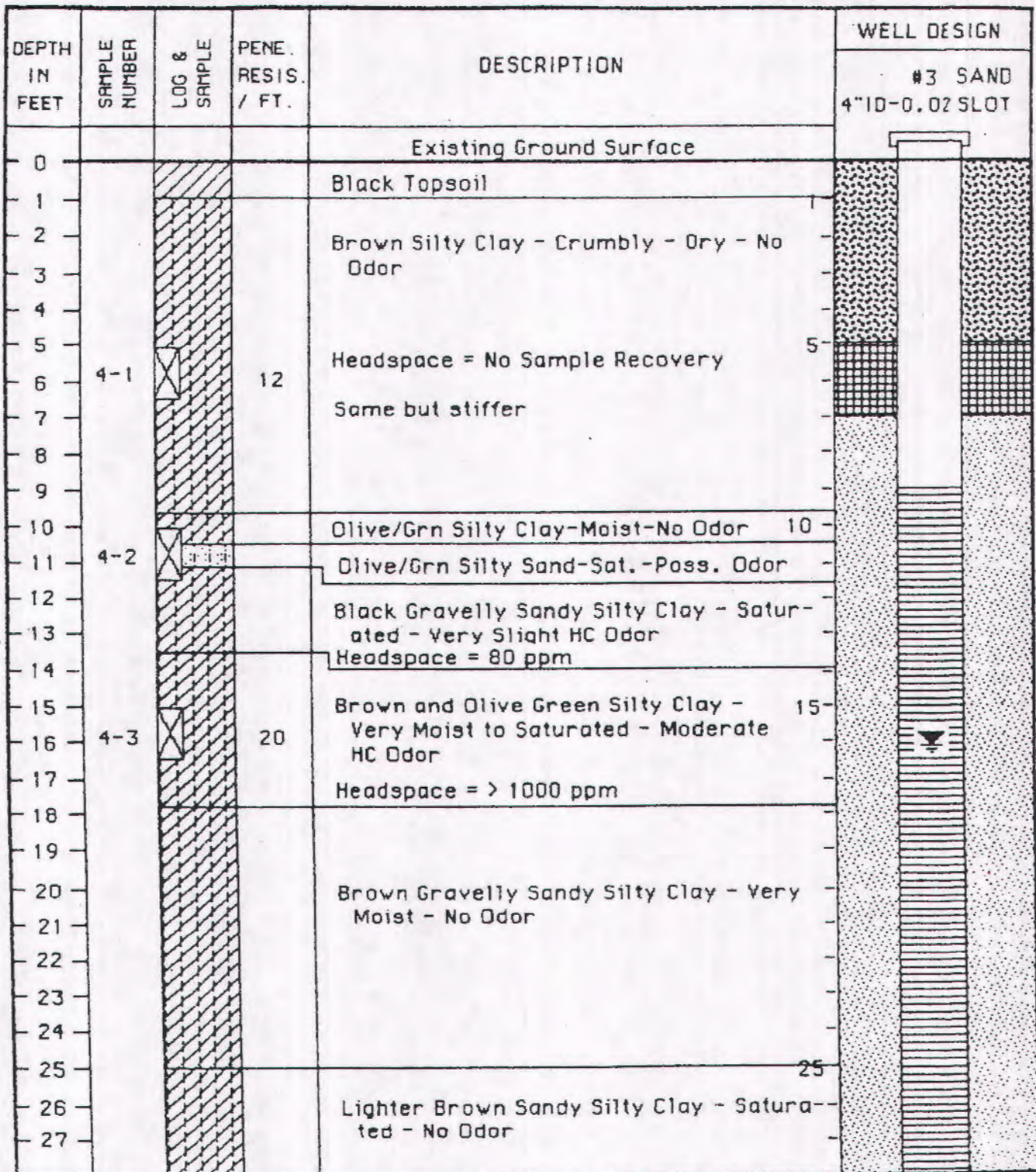


Figure 3A - Test Boring Log No. 1
- Monitoring Well No. MW-4

Project No.: 90390A

Date: 11-13-86

Elevation.

DEPTH IN FEET	SAMPLE NUMBER	LOG & SAMPLE	PENE. RESIS. / FT.	DESCRIPTION	WELL DESIGN		
					#3 SAND 4"ID-0.02 SLOT		
28				28 Feet Below Existing Ground Surface			
29				Light Brown Sandy Silty Clay - Saturated - No Odor			
30				Bottom of Boring at 30 ft.	30		
31							
32							
33							
34							
35					35		
36							
37							
38							
39							
40					40		
41							
42							
43							
44							
45					45		
46							
47							
48							
49							
50					50		
51							
52							
53							
54							
55					55		

Figure 3B - Test Boring Log No. 1
 - Monitoring Well No. MW-4

Woodward-Clyde Consultants

Project No.: 90390A

Date: 11-13-86

Elevation.

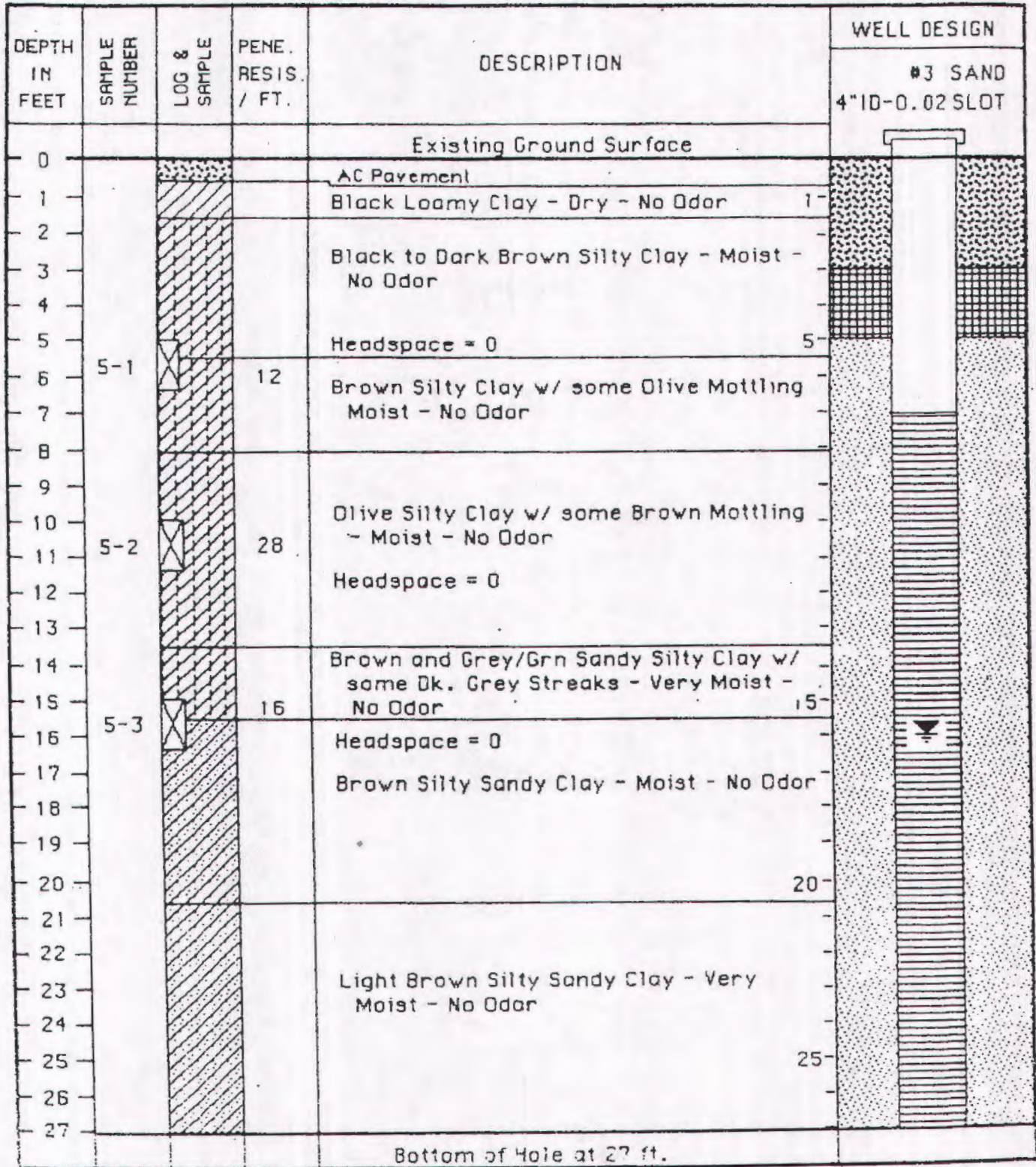


Figure 4 - Test Boring Log No. 2
- Monitoring Well No. MW-5

Woodward-Clyde Consultants

Project No.: 90390A

Date: 11-13-86

Elevation.

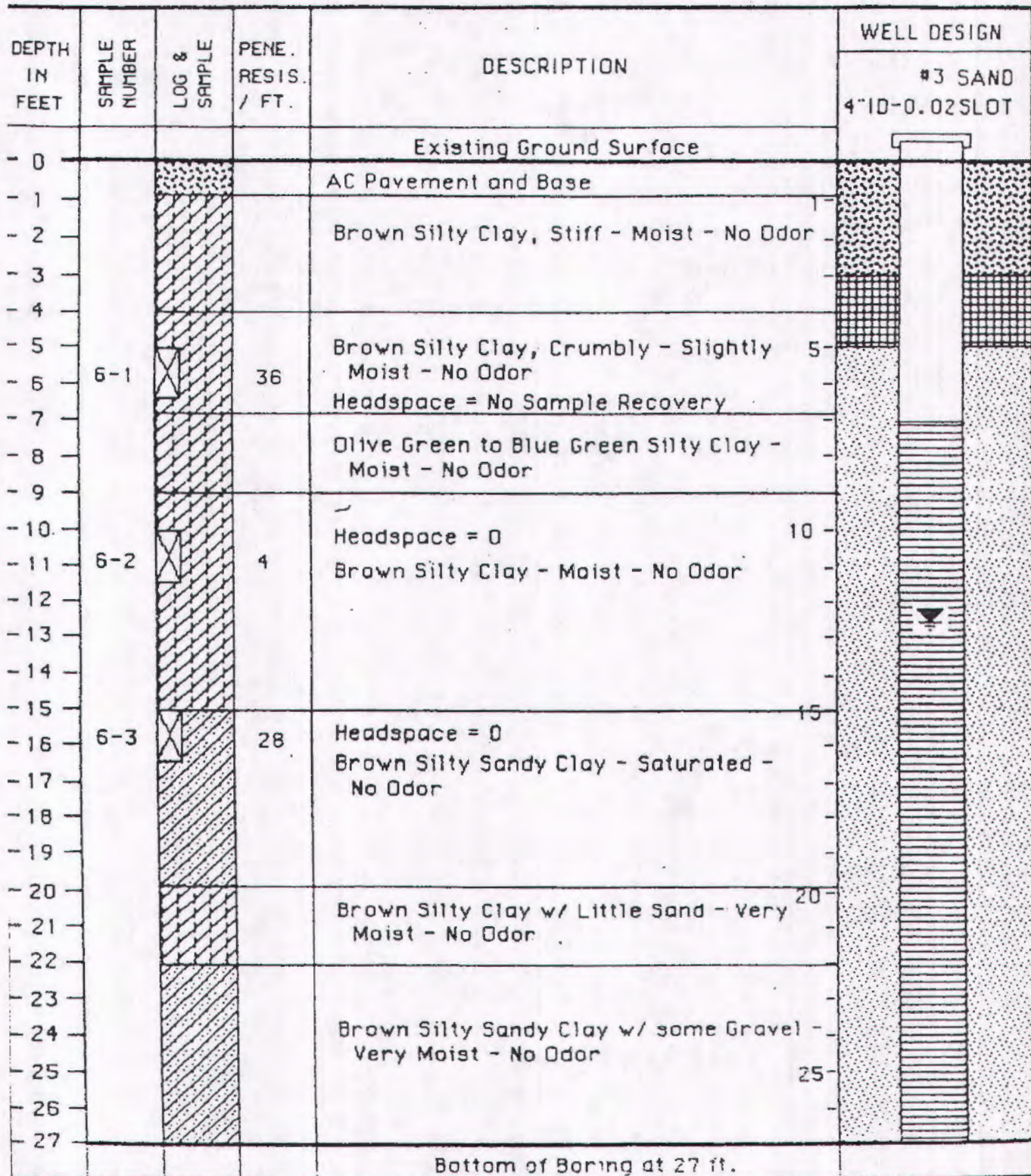


Figure 5 - Test Boring Log No. 3
- Monitoring Well No. MW-6

Woodward-Clyde Consultants

DATE OBSERVED: 9-11-87 METHOD OF DRILLING: HOLLOW STEM AUGER

LOGGED BY: SAW GROUND ELEVATION: 145' LOCATION: SEE PLOT PLAN FIGURE B-1

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-1</u>	SOIL TEST
							DESCRIPTION	GASTECHTOR READING in ppm
0							ASPHALT COVER	
5	SP	12	■				FILL: Brown, fine SAND, damp, No petroleum odor	
10		5	■				@ 5' color change to green-gray, becomes medium dense	70 ppm
15	Ss	29	■				@ 10' strong petroleum odor noted	500 ppm
20		14	■				NATURAL GROUND: BEDROCK: Green, weathered SILTSTONE with Reddish brown siltstone fragments wet, very stiff, strong petroleum odor noted	500 ppm
25							@ 20' strong petroleum odor noted	500 ppm
30							TOTAL DEPTH: 21 FEET	
35							NO GROUNDWATER	
40								

JOB NO. 13-5792-013-00-00

LOG OF BORING

FIGURE: B-3

DATE OBSERVED: 9-11-87

METHOD OF DRILLING: HOLLOW STEM AUGER

LOGGED BY: SAW

GROUND ELEVATION: 150'

LOCATION: SEE PLOT PLAN FIGURE B-1

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. B-2	SOIL TEST
							DESCRIPTION	GASTECHTOR READING in ppm
0							ASPHALT COVER	
5	CL	13					FILL: Brown CLAY with silt, damp stiff, no petroleum odor @ 5' drive sample not recovered	250 ppm
10		28					NATURAL GROUND: BEDROCK: Green-gray weathered SILTSTONE with reddish brown siltstone fragments, damp to moist, very stiff, slight petroleum odor	220 ppm
15	Ss	32					@ 15' slight petroleum odor noted	200 ppm
20		38					@ 19' Groundwater noted	-
25							TOTAL DEPTH: 21 FEET GROUNDWATER @ 19'	
30								
35								
40								

JOB NO: 13-6792-018-00-00

LOG OF BORING

FIGURE: B-4

DATE OBSERVED: 9-11-87

METHOD OF DRILLING: HOLLOW STEM AUGER

LOGGED BY: SAW

GROUND ELEVATION: 150'

LOCATION: SEE PLOT PLAN FIGURE B-1

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-3</u>	SOIL TEST
							DESCRIPTION	GASTECHTOR READING in ppm
0							ASPHALT COVER	
0 - 5	CL						FILL: Dark brown to black CLAY with silt, damp, stiff, no petroleum odor	
5 - 10		13	■				NATURAL GROUND: WEATHERED BEDROCK Brown CLAY with silt, damp, stiff slight petroleum odor	40 ppm
10 - 15	CL	14	■				@ 10' becomes moist, slight petroleum odor noted	60 ppm
15 - 20		10	■				@ 15' drive sample not recovered slight petroleum odor noted	160 ppm
20 - 21		15	■				@ 20' drive sample not recovered slight petroleum odor noted	170 ppm
21 - 40							TOTAL DEPTH: 21 FEET NO GROUNDWATER	

JOB NO: 13-6782-018-00-00

LOG OF BORING

FIGURE: 3-5

DATE OBSERVED: 9-11-87 METHOD OF DRILLING: HOLLOW STEM AUGER

LOGGED BY: SAW GROUND ELEVATION: 150 LOCATION: SEE PLOT PLAN FIGURE B-1

DEPTH (FEET)	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. B-4	SOIL TEST
							DESCRIPTION	GASTECHTOR READING in ppm
0							ASPHALT COVER	
5	CL	12	█				FILL: Dark brown-black CLAY with SILT, damp, stiff, construction debris. Noted, no petroleum odor	50 ppm
10		15	█				NATURAL GROUND: WEATHERED BEDROCK Grey mottled Red-Brown, silty CLAY, damp, stiff, no petroleum odor	100 ppm
15		12	█					150 ppm
20		36	█				BEDROCK: Reddish brown weathered SILTSTONE wet, hard, no petroleum odor	50 ppm
25							TOTAL DEPTH: 21 FEET NO GROUNDWATER	
30								
35								
40								

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-1
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20.5'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				2				ASPHALT 3"; FILL MATERIAL 2'
	Dp	0	36	4			CL	SILTY CLAY: yellowish brown; no product odor.
				6			CL	GRAVELLY CLAY: olive brown; moderate plasticity; very stiff; no product odor.
				8			ML	CLAYEY SILT: dark greenish gray; moderate plasticity; very stiff; faint product odor.
	Mst	27	34	10			GC	CLAYEY GRAVEL: dark greenish gray; medium dense; faint product odor.
				12				
				14				
	Wt-Sat	1,271	39	16				@15': as above; moderate product odor.
				18				
	Sat	10	40	20			GP	SANDY GRAVEL: reddish brown; dense; no product odor.
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 20.5'

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-2
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20.5'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp	0	13	2	[Pattern: Dotted]	FL	ASPHALT 3" SAND - FILL MATERIAL: no product odor.
	Mst	101	24	10	[Pattern: Dotted]	SM	SILTY SAND: dark olive gray; medium dense; faint to moderate product odor.
	Wt	705	35	16	[Pattern: Diagonal Lines]	CL	GRAVELLY CLAY: dark greenish gray; moderate plasticity; moderate product odor.
	Sat	23	38	20	[Pattern: Circles]	GP	SANDY GRAVEL: yellowish brown; dense; faint product odor.

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-3

PAGE 1 OF 1

PROJECT NO. 331-008.1A
 LOGGED BY: D.A.
 DRILLER: MDE
 DRILLING METHOD: HSA
 SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
 DATE DRILLED: 6-11-97
 LOCATION: 6125 Telegraph Road
 HOLE DIAMETER: 8"
 HOLE DEPTH: 20.5'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp	0	4	2			FL	ASPHALT 4" SAND - FILL MATERIAL: no product odor.
				4				
	Mst	93	8	6				
8								
	Wt-Sat	671	27	10				
				12				
	Sat	32	16	14				
				16			CL	SANDY CLAY: olive; moderate plasticity; very stiff; faint to moderate product odor.
				18				
				20			GP	SILTY GRAVEL: dark reddish brown; medium dense; no product odor.
				22				BOTTOM OF BORING AT 20.5'
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				




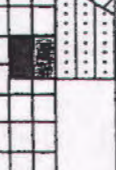
LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-4
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20.5'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp	15	22	2		CL	ASPHALT SILTY CLAY: yellowish brown with greenish gray mottling; very stiff; faint product odor.
				4			
	Mst	127	30	6		CL	SANDY CLAY: olive brown; moderate plasticity; very stiff; moderate product odor.
				10			
	Wt-Sat	832	38	14		SC	CLAYEY SAND: olive; medium dense; moderate product odor.
16							
Sat	10	29	18		SM	SILTY SAND: strong brown; medium dense; no product odor.	
20							
				22			BOTTOM OF BORING AT 20.5'
				24			
				26			
				28			
				30			
				32			
				34			
				36			
				38			
				40			
				42			
				44			

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-5
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				2		ASPHALT 3"	CL	ASPHALT 3" CLAY: black; moderate to high plasticity; no product odor.
	Mst	0	41	4			CL	SILTY CLAY: pale brown with yellowish brown mottling; hard; no product odor.
	Mst	8	36	10			CL	GRAVELLY CLAY: light olive brown; very stiff; no to faint product odor.
	Wt	0	34	16			GC	CLAYEY GRAVEL: light olive brown; low plasticity; very stiff; no product odor.
				31	20		CL	SILTY CLAY: pale olive; hard; no product odor.
				22				BOTTOM OF BORING AT 20'
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				


LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-6
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 10'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp	721		2			CL	CONCRETE 5" CLAY: black; high plasticity; moderate product odor.
				4			CL	GRAVELLY CLAY: light yellowish brown with gray staining; low to moderate plasticity; moderate product odor.
	Mst	0		6				
				8		CL	SILTY CLAY: dark olive with gray mottling; moderate plasticity; no product odor.	
				10				BOTTOM OF BORING AT 10'
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP


PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-7

PAGE 1 OF 1

PROJECT NO. 331-008.1A
 LOGGED BY: D.A.
 DRILLER: MDE
 DRILLING METHOD: HSA
 SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
 DATE DRILLED: 6-11-97
 LOCATION: 3400 San Pablo Ave.
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Mst	27		2			CL	CONCRETE 5"; FILL MATERIAL 1'
				4			CL	CLAY: black; high plasticity; faint product odor.
	Mst	0		6			CL	SILTY CLAY: light olive brown with gray staining along rootholes; no product odor.
				8				
				10				@10': as above; no product odor.
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 10'

LOCATION MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TDD-8
PAGE 1 OF 1

PROJECT NO. 331-008.1A
LOGGED BY: D.A.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD

CLIENT: Thrifty Station No. 063
DATE DRILLED: 6-11-97
LOCATION: 6125 Telegraph Road
HOLE DIAMETER: 8"
HOLE DEPTH: 20'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				2			CL	CONCRETE 4"; FILL MATERIAL 8" CLAY: black; high plasticity; no product odor.
	Mst	0	24	4			CL	SILTY CLAY: dark yellowish brown with gray mottling; no product odor.
	Mst	32	29	10			CL	GRAVELLY CLAY: olive; very stiff; faint product odor.
	Wt	0	41	16				@15': as above; medium dense; no product odor.
	Mst	0	30	20			CL	SILTY CLAY WITH GRAVEL: pale olive with strong brown mottling; low plasticity; very stiff; no product odor.
				22				BOTTOM OF BORING AT 20'

LOCATION MAP	PACIFIC ENVIRONMENTAL GROUP, INC.	BORING NO. TDD-9 PAGE 1 OF 1
PROJECT NO. 331-008.1A LOGGED BY: D.A. DRILLER: MDE DRILLING METHOD: HSA SAMPLING METHOD: CALMOD		CLIENT: Thrifty Station No. 063 DATE DRILLED: 6-12-97 LOCATION: 6125 Telegraph Road HOLE DIAMETER: 8" HOLE DEPTH: 20.5'

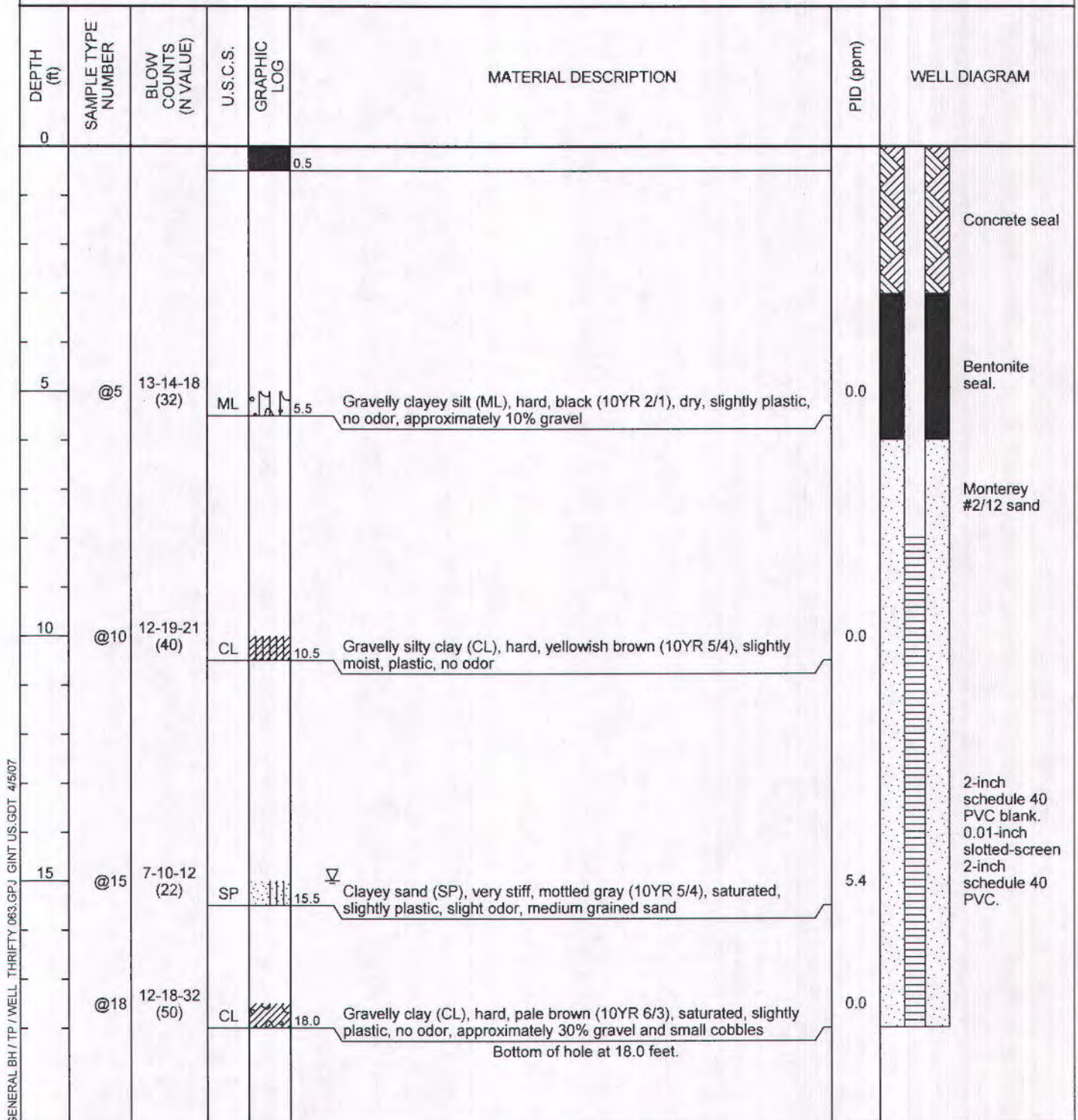
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				2			CL	CONCRETE 5"
		Mst	132	24			CL	CLAY: black; moderate to high plasticity; faint product odor.
					4		CL	SILTY CLAY: olive gray with light bluish gray staining; very stiff; faint to moderate product odor.
					6			
					8			
		Mst	237	32	10		GC	CLAYEY GRAVEL: dark olive gray; medium dense; moderate product odor.
					12			
					14			
		Wt	0	35	16		SC	CLAYEY SAND: yellowish brown; medium dense; no product odor.
					18			
	Sat	0	22	20		GP	SANDY GRAVEL: strong brown; medium dense; no product odor.	
				20		CL	SILTY CLAY: pale olive; very stiff; no product odor.	
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 20.5'

CLIENT <u>Thrifty Oil Co.</u>	PROJECT NAME <u>Site #063 Site Asserment</u>
PROJECT NUMBER <u>CA135.063.T4</u>	PROJECT LOCATION <u>Oakland, CA</u>
DATE STARTED <u>2/22/07</u> COMPLETED <u>2/22/07</u>	GROUND ELEVATION _____ HOLE SIZE <u>8"</u>
DRILLING CONTRACTOR <u>Test America Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger</u>	∇ AT TIME OF DRILLING <u>15.0 ft</u>
LOGGED BY <u>Elliot Haro</u> CHECKED BY <u>Tim Nelligan</u>	AT END OF DRILLING _____
NOTES <u>CME 75</u>	AFTER DRILLING _____

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
0							
				0.5		0.0	
			ML		1.5 Clayey silt (ML), soft, black (10YR 2/1), slightly moist, plastic, no odor		Concrete seal
			ML		4.5 Gravelly clayey silt (ML), firm, pale brown (10YR 6/3), slightly moist, slightly plastic, no odor, iron oxide mottles	0.0	
5	@5	7-8-12 (20)	CL		5.5 Clay (CL), very stiff, grayish brown (10YR 5/2), slightly moist, very plastic, no odor	0.0	Bentonite seal.
			CL		10.5 Gravelly silty clay (CL), very stiff, brown (10YR 5/3), slightly moist, plastic, slight odor, gray mottles	0.7	Monterey #2/12 sand
10	@10	9-9-10 (19)					
			SP	o	15.5 ∇ Clayey sand (SP), medium dense, gray (5YR 6/1), saturated, slightly plastic, moderate odor, fine grained sand	370	2-inch schedule 40 PVC blank.
15	@15	10-10-11 (21)					0.01-inch slotted-screen
			SP	o	18.5 Clayey sand (SP), dense, gray (5YR 6/1), saturated, slightly plastic, moderate odor, fine grained sand		2-inch schedule 40 PVC.
	@18	18-21-24 (45)					
					Bottom of hole at 18.0 feet.		

GENERAL BH/TP / WELL THRIFTY 063.GPJ GINT US.GDT 4/5/07

CLIENT <u>Thrifty Oil Co.</u>	PROJECT NAME <u>Site #063 Site Assesment</u>
PROJECT NUMBER <u>CA135.063.T4</u>	PROJECT LOCATION <u>Oakland, CA</u>
DATE STARTED <u>2/22/07</u> COMPLETED <u>2/22/07</u>	GROUND ELEVATION _____ HOLE SIZE <u>8"</u>
DRILLING CONTRACTOR <u>Test America Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger</u>	▽ AT TIME OF DRILLING <u>15.0 ft</u>
LOGGED BY <u>Elliot Haro</u> CHECKED BY <u>Tim Nelligan</u>	AT END OF DRILLING <u>—</u>
NOTES <u>CME 75</u>	AFTER DRILLING <u>—</u>



GENERAL BH / TP / WELL_THRIFTY_063.GPJ GINT_US.GDT 4/5/07