

THRIFTY OIL CO.

February 18, 2009

O.94293

Mr. Steven Plunkett
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Local #RO0000005
RWQCB #01-1479

RECEIVED

2:26 pm, Feb 23, 2009

Alameda County
Environmental Health

RE: **Former Thrifty Oil Co. Station #063**
ARCO Products Company Station #9542
6125 Telegraph Avenue
Oakland, CA
Additional Site Assessment Workplan

Dear Mr. Plunkett:

Presented herein is the *Additional Site Assessment Workplan* (ASAW) prepared for former Thrifty Oil Co. (Thrifty) Station #063 located at 6125 Telegraph Avenue, Oakland, California (**Figure 1**). Thrifty has prepared this Workplan in response to the Alameda County Health Care Services (ACHCS) letter dated December 29, 2008 (Letter). The Letter requested that Thrifty propose a scope of work to: (1) evaluate the lateral and vertical extent of the source area soil contamination; (2) evaluate the lateral and vertical extent of the dissolved phase plume downgradient of the site; (3) collect soil vapor samples to assess the potential risk to on-site and offsite receptors.

SITE DESCRIPTION

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 pump islands, a service station building, and two 20,000-gallon double-walled underground storage tanks (USTs) (**Figure 1**). In your Letter, you requested that Thrifty prepare extended site maps using aerial photographs as base maps. To comply with your request a June 2007 aerial photograph of the site and its surrounding area is provided as **Figure 2**.

SITE GEOLOGY / HYDROGEOLOGY

The Site is located at 6125 Telegraph Avenue in the City of Oakland (**Figure 1**) at an elevation of approximately 145 feet above mean sea level. Local topography slopes to the southwest at approximately 0.025 feet/foot. The Site is located within the San Francisco Bay structural depression of the Coast Ranges Physiographic Province in north-central Alameda County, California. The Site is situated in the flatland region between the San Francisco Bay



and the Oakland Hills. This flatland region is comprised of Quaternary alluvium and estuarine bay and marsh deposits. Bedrock in the area consists of sedimentary, metasedimentary, volcanic, and intrusive rocks of Jurassic through Tertiary geologic age. Quaternary-age marine and alluvial sediments blanket the downwarped bedrock within the basin in which the Site is located. Shallow groundwater is locally present within the Quaternary sediments. The Site is underlain by Holocene alluvium and marsh deposits comprised of silts and clay. Soil types encountered during this Site investigation consisted predominantly of silty clay and silty sand from the ground surface to the total depth of 18 feet.

The area of investigation lies within the East Bay Plain groundwater basin which consists of two main water bearing units. The primary unit is comprised of unconsolidated alluvial deposits of Late Quaternary age and a secondary, older semi-consolidated deposit of Tertiary-Quaternary age. Groundwater within these deposits is both confined and unconfined, with the majority of the aquifers being confined. The Site is within the Berkeley alluvial plain sub area of the Bay Plains Groundwater Basin.

Groundwater is reported beneath the Site under unconfined conditions at historical depths ranging from approximately 8.75 feet below ground surface (bgs) in groundwater monitoring well MW-3 to 18.25 feet bgs in MW-1. The most recent groundwater data (Fourth Quarter 2008) indicates groundwater depths ranging between 12.51 and 16.47 feet bgs. A groundwater elevation contour map based on the October 29, 2008 groundwater monitoring data from existing groundwater monitoring wells indicates that flow was to the west-northwest at an approximate gradient of 0.03 feet/foot. A groundwater contour map depicting groundwater elevations and direction, and dissolved hydrocarbon isoconcentration maps depicting the concentrations of TPHg, benzene, MTBE, and TBA in groundwater (based on October 29, 2008 gauging and sampling event) are included as **Figures 4, 5, 6, 7 and 8**, respectively.

PREVIOUS SITE ASSESSMENT/ REMEDIATION ACTIVITIES

The site background described herein is synthesized from previous Site reports and, in particular, the *Revised Site Conceptual Model and Plume Travel Time Report*, prepared by EQC on behalf of Thrifty and dated November 27, 2006.

In June 1986, Groundwater Technology, Inc. drilled three borings to depths of 30 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 indicated up to 735 milligrams per kilogram (mg/kg) of total petroleum hydrocarbons in the gasoline range (TPHg) (MW-2 at 14 feet). Results of groundwater sample analyses indicated 20.6, 1.47, and 49.4 milligrams per liter (mg/L) TPHg in groundwater samples collected from MW-1, MW-2, and MW-3, respectively. Later, in August 1986, free product was observed in all monitoring wells. Free product was immediately removed by hand bailing.

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. Laboratory analysis of soil samples indicated detectable levels of TPHg and benzene only in a sample collected MW-4 at 16 feet bgs (1,100 mg/kg TPH and 13 mg/kg benzene); the remaining soil samples were non-detect. Laboratory analysis of groundwater samples indicated up to 100 mg/L TPHg and 3.2 mg/kg benzene, as detected in a 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 the soil samples collected and analyzed.

In October 1987, Thrifty started free product recovery and groundwater monitoring activities. Free product recovery was discontinued shortly thereafter (the exact date is unknown) with a total of 16 gallons being removed 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 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 indicated up to 550 mg/kg TPHg (TDD-6 at 5'), 2.5 mg/kg benzene (TDD-6 at 5'), and 14 mg/kg methyl tertiary-butyl ether (MTBE) (TDD-4 at 15').

In February 1998, the three USTs and associated piping were removed from the Site and replaced with two 20,000-gallon double-walled USTs. Soil samples collected during tank removal activities returned up to 3,600 mg/kg TPHg, 6.5 mg/kg benzene, and 26 mg/kg MTBE. As an interim remedial action, approximately 977 tons of hydrocarbon-impacted soils were excavated and transported to TPS Technologies facility in Adalento, California for treatment.

In July 2002, Thrifty proposed connecting the groundwater monitoring well MW-4 to the existing remediation system to enhance the reduction of the petroleum hydrocarbons in the groundwater. Since it had been more than two years with no response from the ACEH, on July 14, 2004 Thrifty notified the ACEH that it intends to proceed with connecting well MW-4 to the remediation system. Thrifty retained Advanced GeoEnvironmental, Inc. to connect well MW-4 to the remediation system.

The system was shut down for repairs to the pump and controller of the existing system on January 20, 2005. Since the pump controller for well MW-3 was old and was considered irreparable, the pump for MW-3 was replaced by a control-less submersible pump instead of an aboveground pump. During the preparations for pump upgrade for MW-3 in February 2005, it was also found that the hoses and tubing between MW-3 and the compound needed to be replaced due to their age. Repairs to the existing system were done in conjunction with the system upgrade (adding new extraction well).

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

Site remedial activities were initiated in April 1991. The upgraded remediation system consists of a Groundwater Treatment System that extracts groundwater from monitoring wells MW-3 and MW-4 with treatment utilizing activated carbon. As of August 4, 2008, the groundwater treatment system has treated approximately 3,089,139 gallons of groundwater since start-up in April 1991. Historical groundwater treatment data is included in **Attachment B**.

Ongoing environmental activities at the site include weekly system maintenance; quarterly water sampling from the system's inlet and outlet; and quarterly groundwater monitoring, sampling, and reporting to ACEH.

Historical soil sample results are included in **Attachment C**, boring/well construction logs are included in **Attachment D**, and cross sectional drawings are include in **Attachment E**.

Soil isoconcentration maps showing the distribution of TPHg, benzene, and MTBE in soil at the different depth intervals (0-10-feet and 11-20-feet), in the general source area shown as **Figures 9 through 14**.

WORKPLAN TO CONDUCT SITE ASSESSMENT ACTIVITES

To comply with the directives in the ACEHD letter dated December 29, 2008, Thrifty proposes collecting four soil vapor samples (SV-1 through SV4) at approximately 3-feet below ground surface (bgs), advancing four soil borings (SB-1 through SB-4) to approximately 30-feet bgs, and installing one offsite groundwater monitoring well (MW-9) to approximately 30-feet bgs (**Figures 2 and 3**). All field work will be performed under the supervision of a California Professional Geologist or Professional Engineer.

The proposed soil boring, soil vapor and groundwater well locations have been selected based upon the requirements of your directive. Thrifty believes that it is unlikely residents will grant access to their properties in order advance soil borings, soil vapor probes or

groundwater monitoring wells. In order to have a realistic and obtainable outcome, Thrifty has recommended the above soil boring, soil vapor probe and groundwater well locations.

Data from the four proposed soil borings will delineate the horizontal and vertical extent of the source and soil contamination. Additionally, groundwater samples will be collected from one of the soil borings (SB-1) at depth-specific intervals to provide vertical delineation of the dissolved hydrocarbon contamination immediately downgradient of the core of the source area. Data from the proposed soil-gas samples will be used to evaluate human health risk immediately downgradient of the source area, while the proposed offsite well (MW-9) will delineate the lateral extent of the dissolved hydrocarbon contamination. The soil borings, soil vapor samples and vertical groundwater characterization will be facilitated using a Cone Penetrometer Testing (CPT) drill rig, while the groundwater monitoring well will be installed using a hollow stem auger drill rig; procedures associated with the proposed assessment activities are discussed below.

Pre-field Activities

Prior to conducting the work, a site specific Health and Safety Plan (HSP) will be submitted to the ACHCS for approval at least 1 week prior to conducting any field work. The field activities will conform to the approved HSP. The HSP will be onsite during any field work.

An investigation of all underground utilities onsite and offsite near the plume will be conducted to identify any potential hazards and preferential pathways. A map of the utilities with their depth will be included in the report.

Prior to drilling, all necessary boring and well permits will be obtained. The boring locations will be properly marked and Underground Service Alert and the ACHCS will be notified of the scheduled field activities. A geophysical survey will be conducted to clear each borehole in order to protect underground utilities.

SOIL BORING INSTALLATION, SOIL VAPOR SAMPLING, AND VERTICAL GROUNDWATER CHARACTERIZATION

Soil Boring Installation

The 4 soil borings (SB-1 through SB-4) will be advanced to approximately 30-feet bgs using a truck mounted CPT drill rig equipped with 1.5-inch hollow-stem rods. A hydraulic ram will be utilized to advance a piezocone (cone penetrometer with pore pressure measurement) attached to the hollow-stem rod assembly to total depth of each soil boring.

Soil samples will be collected utilizing the 25-ton truck-mounted CPT drill rig equipped with 1.5-inch diameter hollow-stem rods fitted with a piston soil sampling assembly. A steel-tipped soil sampler which will be pushed to the specified depth; then the tip will be withdrawn to expose a core barrel fitted with two six-inch long stainless steel sleeves, and the soil

sampler will be pushed down again to retrieve a 1-foot soil sample. Soil samples will be preserved by covering both ends of the bottom stainless steel sleeve with Teflon sheets, capping, and sealing with tape. Each sample sleeve will be labeled with soil probe boring location, depth, time, date and sampler's initials and placed in a chilled container. Soil samples will be visually classified using the Unified Soil Classification System (USCS) on standard boring log forms. Soil samples will be checked for discoloration, odors, and monitored for VOCs using a PID calibrated to 100 ppm hexane. Soil samples are to be collected at 5-foot intervals and analyzed for TPHg (via EPA Method 8015 M), BTEX, MTBE, and additional oxygenates (via EPA Method 8260 B) to determine current subsurface soil conditions. Selected soil samples will be submitted under chain of custody to a state-certified mobile analytical laboratory will be onsite to insure that a minimum of 10-feet of "clean zone" (non-detectable concentrations for TPHg and MTBE) is achieved in order to define the vertical extent of the soil contamination plume. Strict chain-of-custody procedures will be followed from the time the samples are collected until the time the samples are signed over to the laboratory. The remaining samples will be recorded on a standard chain-of-custody form and placed into a pre-chilled cooler with blue ice for transport to a California State-certified analytical laboratory (Associated Laboratories, Inc. in Orange, California [Associated]).

Vertical Groundwater Characterization

During the advancement of the soil boring SB-1, discrete depth non-purge groundwater grab samples will be collected from each boring at depths of 15, 25, and 30 feet bgs (if groundwater is encountered) utilizing the CPT drill rig equipped with 1.5-inch diameter hollow-stem rods fitted with a HydroPunch groundwater assembly. Groundwater samples will be collected from specified depth intervals (zones) based on the acquired CPT-lithology data indicating favorable conditions for sampling. A HydroPunch sampling tool will be pushed into the specified zone, then withdrawn approximately four feet to expose an inlet screen; the interior of the sampling tool filled with water and a 1-inch outer diameter (O.D.) stainless steel bailer will be lowered and utilized to extract a groundwater sample. The sample containers will be sealed, labeled, and immediately placed into a pre-chilled cooler with ice pending delivery to Associated Laboratories, a State-certified analytical laboratory. The groundwater samples will analyzed for TPHg (via EPA Method 8015 M), BTEX, MTBE, and additional oxygenates (via EPA Method 8260 B).

Soil Vapor Sample Collection

During the advancement of soil borings SB-1 and SB-2, soil vapor samples SV-1 and SV-2 will be collected at approximately 3-feet bgs. The CPT drill rig metal rods will be used to drive the vapor samplers into the ground to a depth of 3-feet bgs in each of the sample locations. Upon reaching the desired depth, new 0.125 -inch Teflon™ tubing will be inserted into the center of the metal rod(s) and capped at the surface with a rubber plug. A new syringe will be attached to the Teflon™ tubing to extract the vapor sample from the probe location. The syringe will then be purged to remove the dead air from the soil vapor probe. Following

purging, a soil vapor sample will be obtained in the syringe from each sampling location. The samples will be delivered to an onsite mobile laboratory for analysis. After sampling the Teflon™ tubing will be removed from the ground, and the hole will be backfilled to the surface with granular bentonite and capped with asphalt or concrete to match existing surface conditions. Sampling equipment will be cleaned with a solution of Alconox and water, and then rinsed twice with deionized water. New Teflon™ tubing and metal tips will be inserted into the hollow metal rod at each probe location. Soil vapor samples SV-3 and SV-4 will be collected at approximately 3-foot bgs in a similar manner in their own discrete locations.

Soil vapor samples will be analyzed onsite using a state certified mobile laboratory. The soil vapor samples will be analyzed for TPHg using a mass spectrometer; for BTEX, MTBE and other oxygenated compounds (DIPE, ETBE, TAME and TBA) using EPA Method 8260B.

Following drilling and sampling activities, the borings will be backfilled from terminal depth to near surface with bentonite grout slurry and completed to ground surface with a concrete cap to match existing surface conditions.

GROUNDWATER WELL INSTALLATION

Off-site groundwater monitoring well (MW-9) will be installed to a depth of approximately 30-foot bgs using a CME-75 (or equivalent) truck mounted drill rig equipped with hollow-stem augers. The initial 5 feet of the groundwater well will be advanced with a hand auger and/or post hole digger to reduce the possibility of damaging underground utilities.

Soil samples will be collected with a California modified split-barrel sampler and be visually classified using the Unified Soil Classification System (USCS) on standard boring log forms. Soil samples will be checked for discoloration, odors, and monitored for VOCs using a PID calibrated to 100 ppm hexane. Soil samples are to be collected at 5-foot intervals and analyzed for TPHg (via EPA Method 8015 M), BTEX, MTBE, and additional oxygenates (via EPA Method 8260 B) to determine current subsurface soil conditions. Strict chain-of-custody procedures will be followed from the time the samples are collected until the time the samples are signed over to the laboratory. The remaining samples will be recorded on a standard chain-of-custody form and placed into a pre-chilled cooler with blue ice for transport to a California State-certified analytical laboratory (Associated Laboratories, Inc. in Orange, California [Associated]).

Well MW-9 will be constructed using two-inch diameter schedule 40 PVC having 0.010-inch slotted well screen from a depth of 8 feet bgs to total depth (final screen intervals will be determined based upon field observations). A sand pack consisting of Monterey #2/12 sand was placed around the perforated section of each well from the total depth to 6 feet bgs and a well seal consisting of bentonite grout from 6 feet bgs to 3 feet bgs was placed on top of the sand pack. Prior to placing the annular seal, the wells should be surged to settle the filter pack and additional material added, if necessary. The well is to be set inside 12-inch diameter round traffic rated steel wellbox.

Well development shall be conducted at least 72-hours after installation. Wells will be pumped or bailed until a reading of ten NTU is established (if ten NTUs cannot be obtained, then report a sufficient number of turbidity readings in order to establish a baseline level). A minimum of three well volumes will be removed from each well.

A groundwater sample will be collected from well MW-9 a minimum of 72-hours following well development using a disposable Teflon bailer and aliquoted into the appropriate containers in manner minimizing sample aeration. The sample containers will be sealed, labeled, and immediately placed into a pre-chilled cooler with ice pending delivery to Associated Laboratories, a State-certified analytical laboratory. The groundwater samples were analyzed for BTEX, MTBE, EDC, EDB and other oxygenates by EPA Method 8260B, for ethanol and methanol by EPA Method 8015M, and for TPHg by EPA Method 8015B.

Equipment Decontamination and Boring Abandonment

Prior to sample collection, soil and groundwater sampling equipment will be thoroughly rinsed with clean water after washing with a solution of Alconox. Sampling rods will be thoroughly cleaned prior to soil probe boring advancement.

All rinseate generated during sampling activities will be containerized in properly labeled DOT-approved 55-gallon drums, and stored on-site in an area lacking public access. At the completion of soil and groundwater sampling, all soil borings were backfilled over their entire depths with a portland cement grout mix.

Report Preparation

A report will be prepared in full compliance with regulatory requirements and will include at a minimum, a summary of field activities, a detailed site history; geology, topography, and hydrogeology; historical groundwater and soil data; soil and groundwater isoconcentration maps with historic and current data for TPHg, benzene and MTBE; groundwater elevation map; two detailed cross sections showing utilities and lithology; boring logs, and soil analytical results and lithology, conclusions and recommendations for future assessment if appropriate.

The report will also include an exposure pathway evaluation based on the soil vapor data and a health risk assessment based on the current site use. Based on the complete exposure pathways identified at the Site, incremental cancer risk and non-cancer risk will be evaluated and reported.

Proposed schedule

Following your approval, Thrifty will select a consultant to supervise the scope of work proposed in the Workplan. Thrifty estimates that the site assessment field activities will be

completed within 60-days of your approval with the final report being submitted 45-days following the receipt of laboratory analytical results.

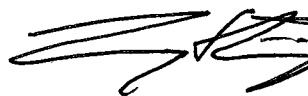
Should you have any questions regarding this report, please contact Simon Tregurtha at 562 921-3581 Ext. 260, or Chris Panaitescu at Ext. 390.

I declare, under penalty of perjury, that the information and/or recommendations contained in this document are true and correct to the best of my knowledge.

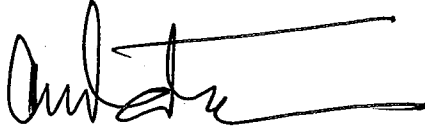
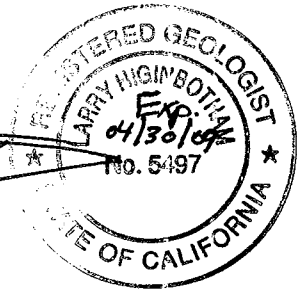
Respectfully submitted,



Simon Tregurtha
Project Manager



Larry Higinbotham
Registered Geologist



Chris Panaitescu
General Manager
Environmental Affairs

cc: BP West Coast Products LLC, Ms. Janet J. Wagner
File

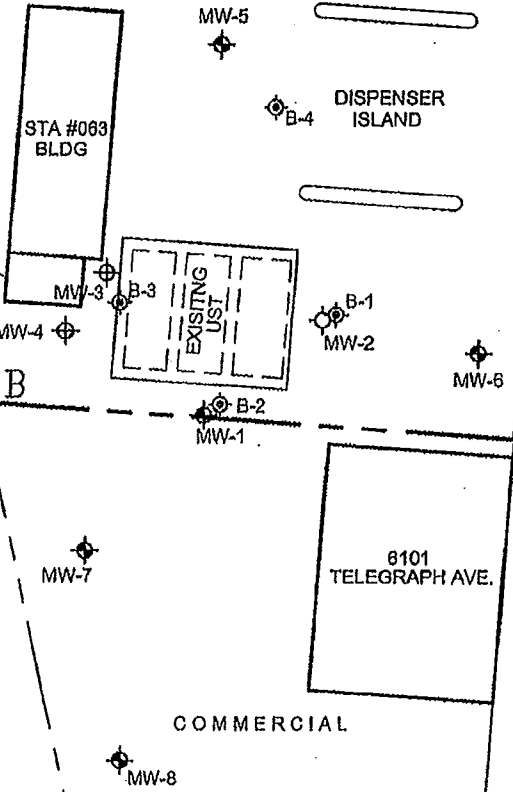
FIGURES

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND



TELEGRAPH AVENUE

RESIDENTIAL

EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING

61ST STREET

0 30
APPROXIMATE SCALE
IN FEET



SITE PLAN

Thrifty Station No. 063
8125 Telegraph Avenue
Oakland, California

FIGURE:	1
SHEET:	of
REVISION NO.:	0
DATE:	03/07

PROJECT NO.

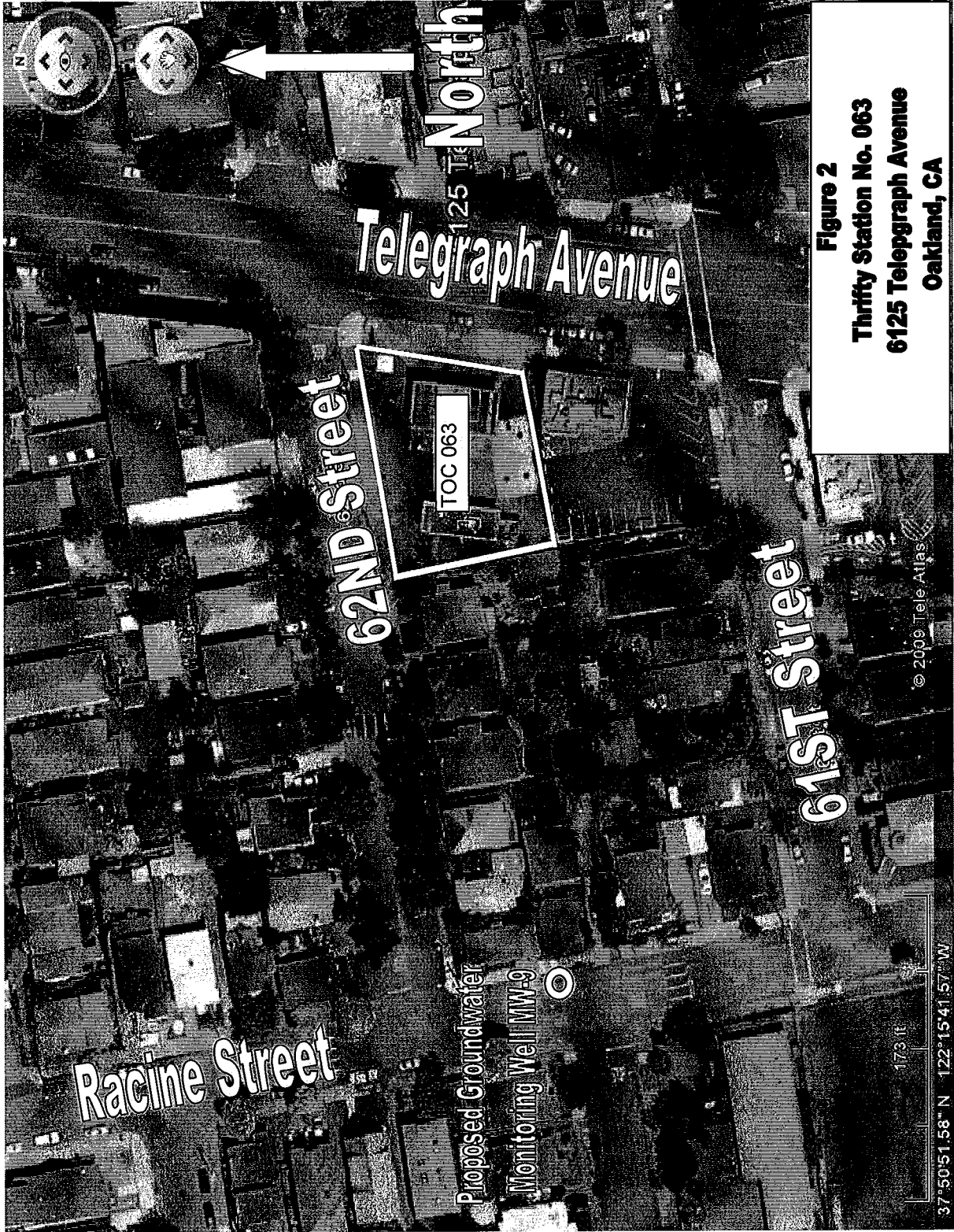
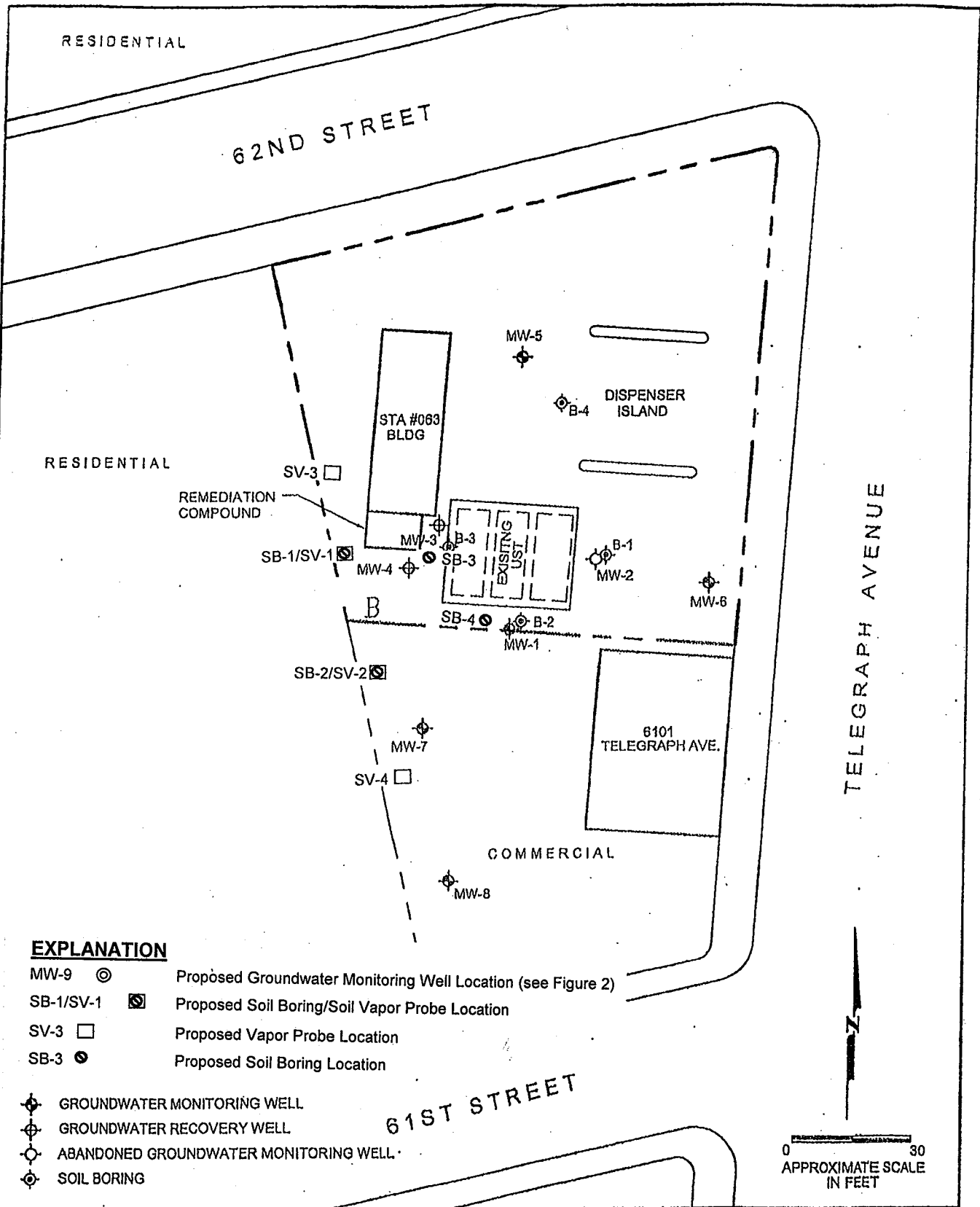


Figure 2
Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, CA



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

FIGURE:

3

SHEET:

of

REVISION NO:

0

DATE: 03/07

Site Plan with Proposed Soil Boring and Soil Vapor Probe Locations

SITE PLAN

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

PROJECT NO.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLOG

DISPENSER
ISLAND

MW-5
133-15

133-52

134

MW-3
133-74

MW-2
135-87

MW-1
134-20

135

MW-7
133-68

6101
TELEGRAPH AVE.

134-39 COMMERCIAL

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊙ ABANDONED GROUNDWATER MONITORING WELL
- ⊙ SOIL BORING

61ST STREET

0 30
APPROXIMATE SCALE
IN FEET

Groundwater gauging conducted on **10-29-08**
Elevations reported in feet above mean sea level
* = not used to determine groundwater contour lines

Groundwater Elevation Contour Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE:

4

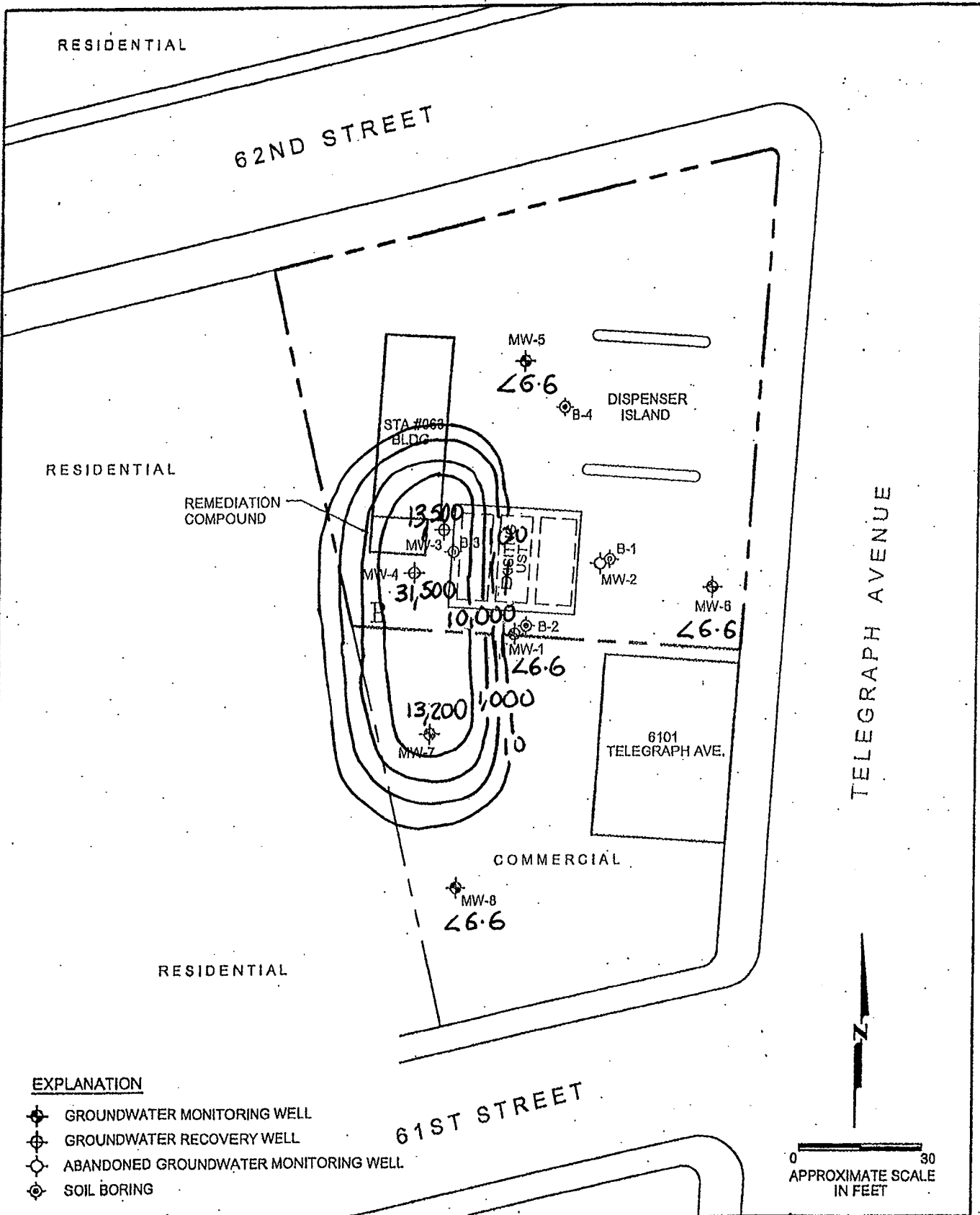
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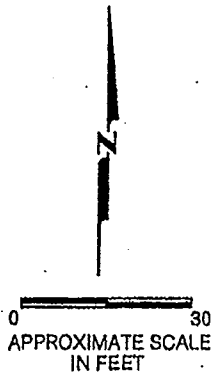
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EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING



units in $\mu\text{g/L}$ Samples collected on <u>10-29-08</u>	TPHg Isoconcentration Map Thrifty Station No. 063 6125 Telegraph Avenue Oakland, California	FIGURE: 5
PROJECT NO.	REVISION NO: 0	DATE: 03/07

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLDG

MW-5
40-18

DISPENSER
ISLAND

84

MW-3

MW-4

130

B-3

B-2

MW-1

40-18

108

MW-7

100

10

B-1

MW-2

40-18

MW-6

6101
TELEGRAPH AVE.

COMMERCIAL

MW-8
40-18

RESIDENTIAL

61ST STREET

TELEGRAPH AVENUE

EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING

0 30
APPROXIMATE SCALE
IN FEET

units in $\mu\text{g/L}$
Samples collected on 10-29-08

Benzene Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE:

6

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of

REVISION NO:

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DATE: 03/07

PROJECT NO.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLDG

28

MW-5

20.19

DISPENSER
ISLAND

B-4

MW-3

10

B-3

MW-4

19

B

B-2

MW-1

20.19

B-1

MW-2

MW-6

20.19

6101
TELEGRAPH AVE.

COMMERCIAL

MW-7

20.19

MW-8

20.19

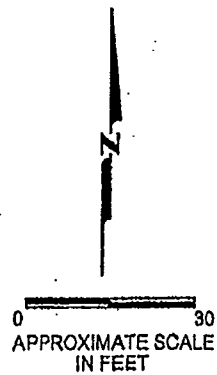
RESIDENTIAL

TELEGRAPH AVENUE

61ST STREET

EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING



units in $\mu\text{g/L}$
Samples collected on 10-29-08

MTBE Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

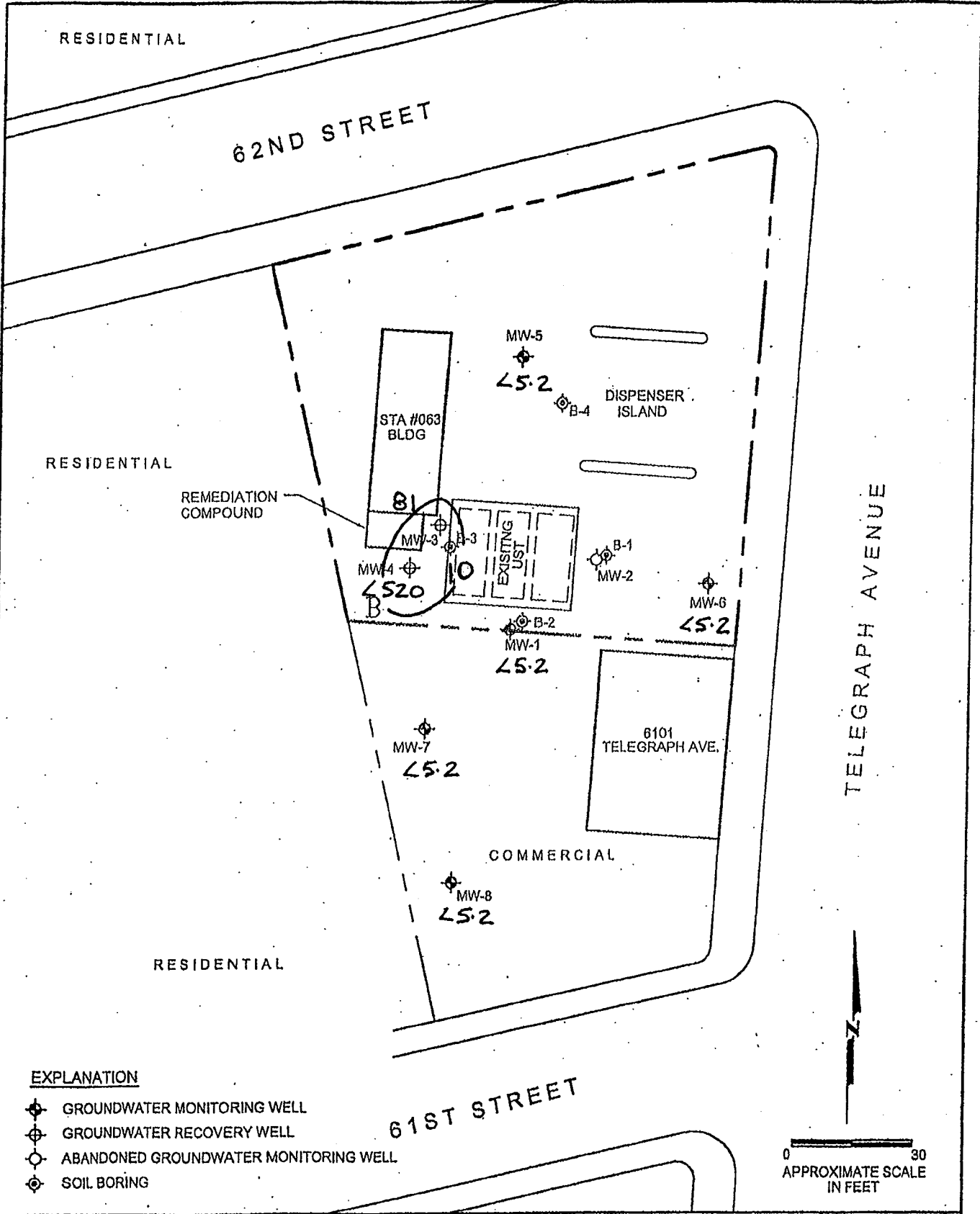
FIGURE:
7

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DATE: 03/07

PROJECT NO.



EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊕ SOIL BORING

0 30
APPROXIMATE SCALE
IN FEET

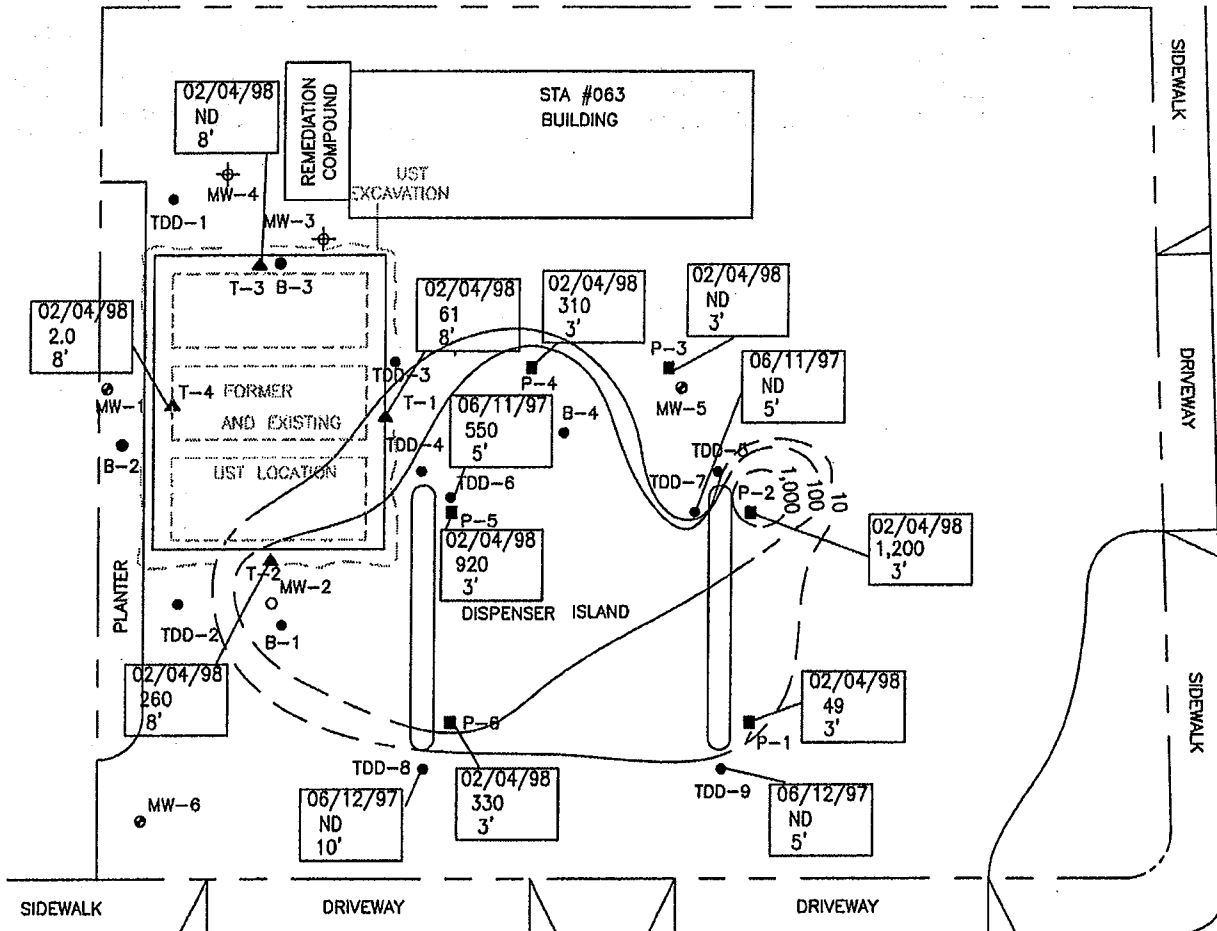
FIGURE:
8
SHEET:
of
REVISION NO: 0
DATE: 03/07

units in µg/L
Samples collected on 10-29-08

TBA Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

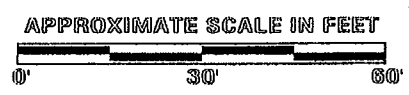
PROJECT NO.



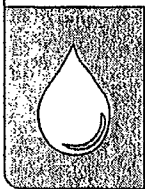
LEGEND

- - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- ▲ - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- 06/11/97
550
5' - DATE SAMPLED, MAXIMUM TPHg SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
- 100 - MAXIMUM TPHg SOIL CONTOUR IN mg/Kg
- ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS - NOT SAMPLED
- NA - DEPTH DATA NOT AVAILABLE

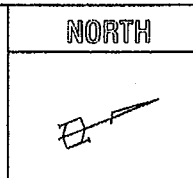
TELEGRAPH AVENUE



Post-Remediation (0-10 feet below ground surface)

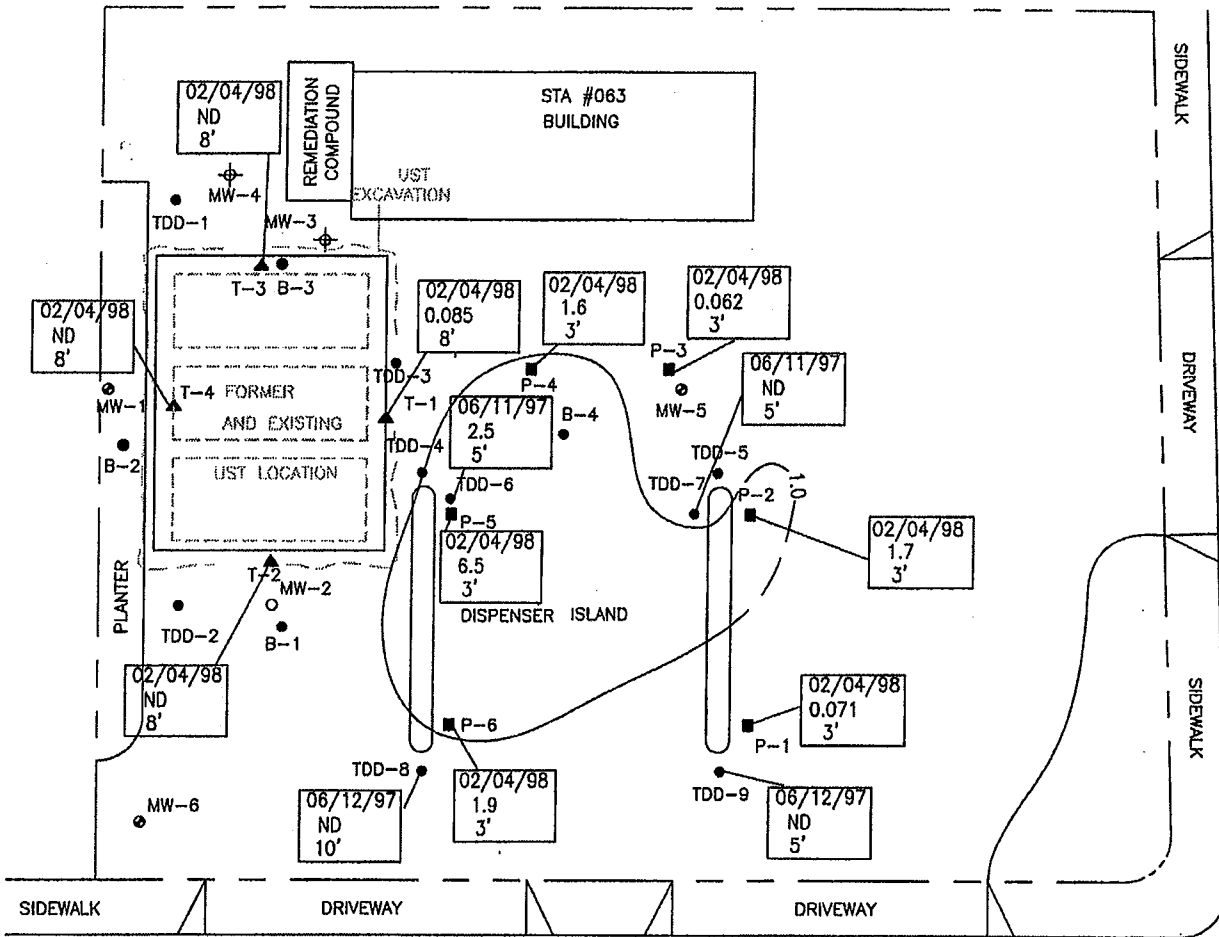


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FIGURE 9
DISTRIBUTION OF TPHg IN SOIL
THRIFTY SERVICE STATION #063
 6125 Telegraph Avenue
 Oakland, CA



LEGEND

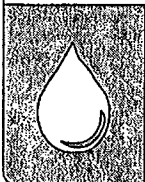
- ⊙ - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- ▲ - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- 06/11/97
2.5
5' - DATE SAMPLED, MAXIMUM BENZENE SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
- 1.0 - MAXIMUM BENZENE SOIL CONTOUR IN mg/Kg
- ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS - NOT SAMPLED
- NA - DEPTH DATA NOT AVAILABLE

TELEGRAPH AVENUE

APPROXIMATE SCALE IN FEET

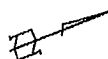


Post-Remediation (0-10 feet below ground surface)



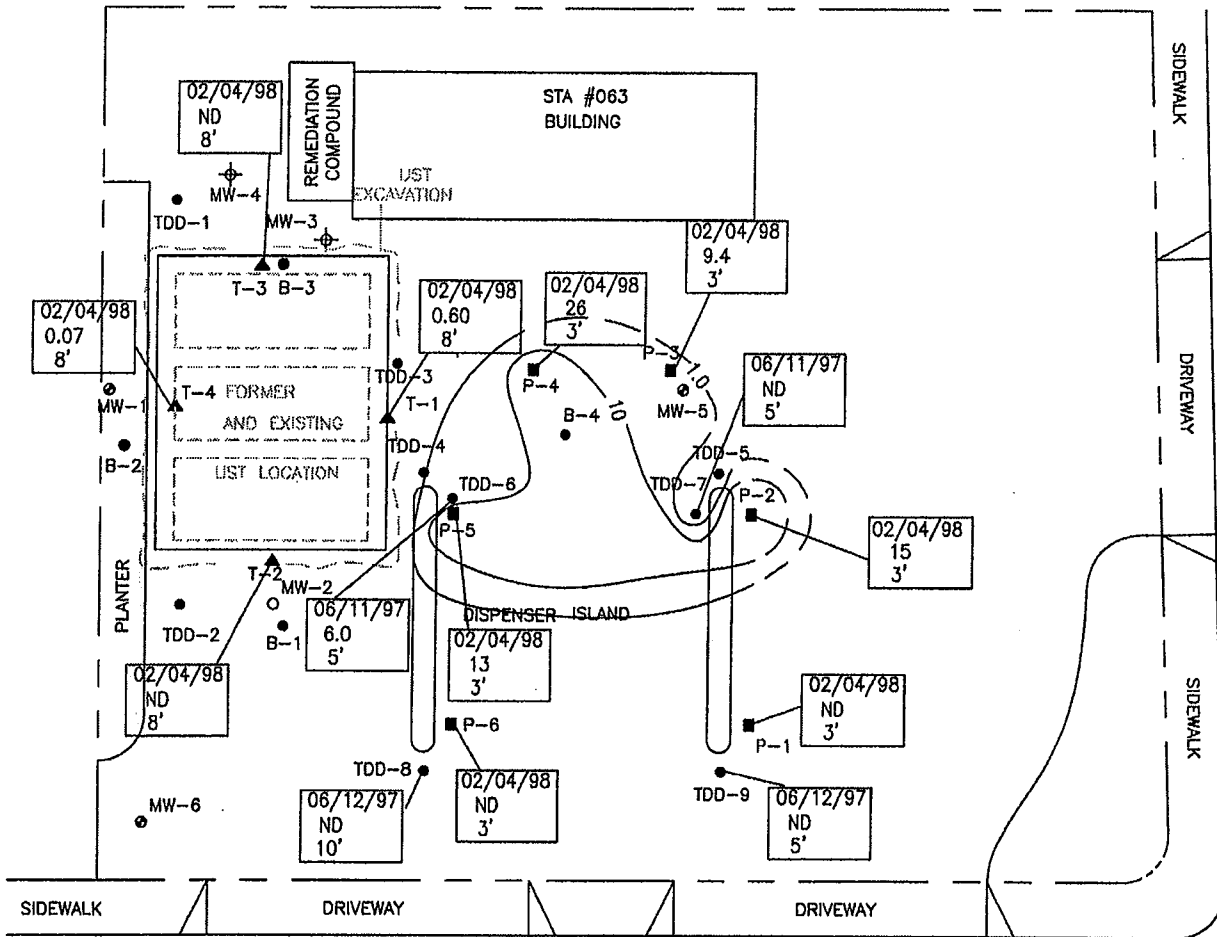
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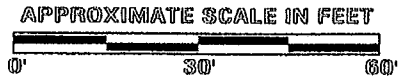
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FIGURE 10
DISTRIBUTION OF BENZENE IN SOIL
THRIFTY SERVICE STATION #063
6125 Telegraph Avenue
Oakland, CA

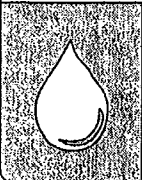


LEGEND

- - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- ▲ - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- 06/11/97
6.0
5' - DATE SAMPLED, MAXIMUM MTBE SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
- 10 - MAXIMUM MTBE SOIL CONTOUR IN mg/Kg
- ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS - NOT SAMPLED
- NA - DEPTH DATA NOT AVAILABLE

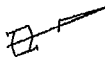


Post-Remediation (0-10 feet below ground surface)



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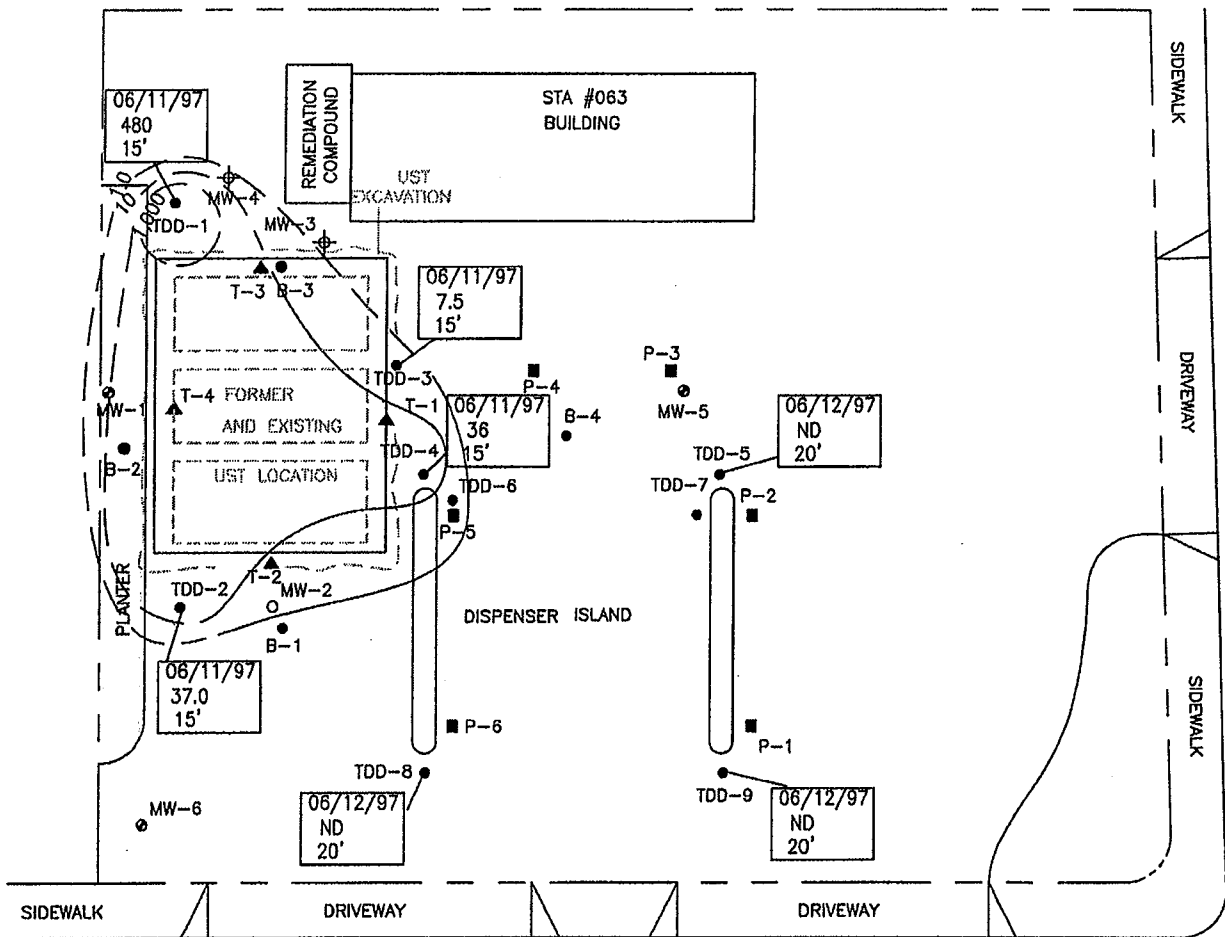
NORTH



GHC: 1332
DATE: 02/20/06

FIGURE 11
DISTRIBUTION OF MTBE IN SOIL
THRIFTY SERVICE STATION #063
 6125 Telegraph Avenue
 Oakland, CA

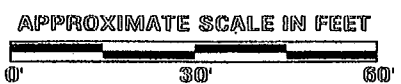
62nd STREET



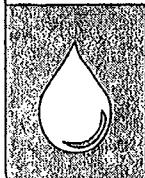
LEGEND

- - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- ▲ - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- 06/11/97
480
15' - DATE SAMPLED, MAXIMUM TPHg SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
- 100 - MAXIMUM TPHg SOIL CONTOUR IN mg/Kg
- ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS - NOT SAMPLED
- NA - DEPTH DATA NOT AVAILABLE

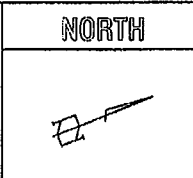
TELEGRAPH AVENUE



Post-Remediation (11-20' feet below ground surface)



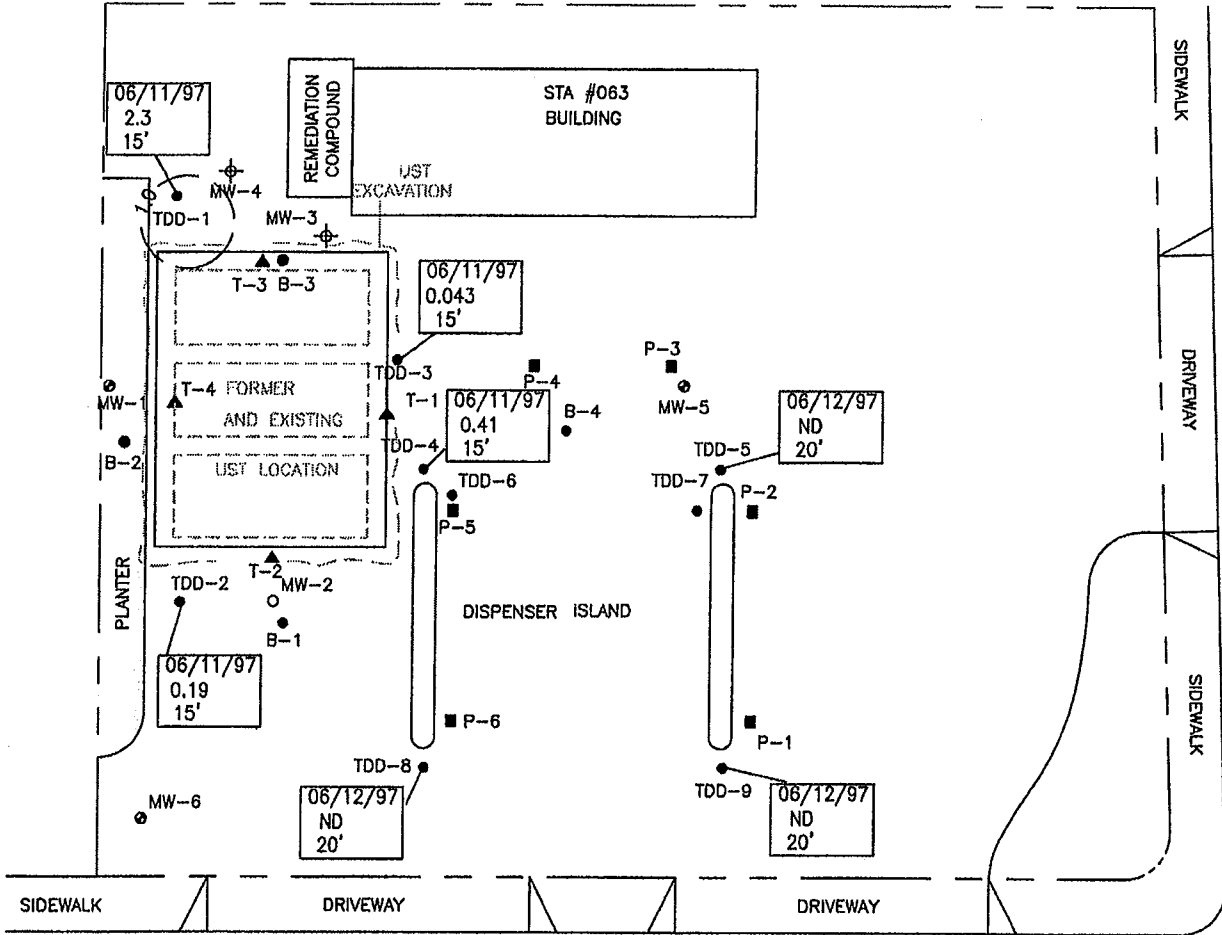
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FIGURE 12
DISTRIBUTION OF TPHg IN SOIL
THRIFTY SERVICE STATION #063
 6125 Telegraph Avenue
 Oakland, CA

62nd STREET



LEGEND

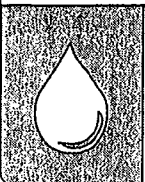
- - GROUNDWATER MONITORING WELL
- ⊕ - GROUNDWATER RECOVERY WELL
- - ABANDONED GROUNDWATER MONITORING WELL
- - SOIL BORING
- ▲ - TANK BOTTOM SAMPLE POINT
- - PIPING SAMPLE POINT
- 06/11/97
2.3
15' - DATE SAMPLED, MAXIMUM BENZENE SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
- 1.0 — - MAXIMUM BENZENE SOIL CONTOUR IN mg/Kg
- ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NS - NOT SAMPLED
- NA - DEPTH DATA NOT AVAILABLE

TELEGRAPH AVENUE

APPROXIMATE SCALE IN FEET



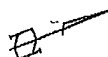
Post-Remediation (11-20' feet below ground surface)



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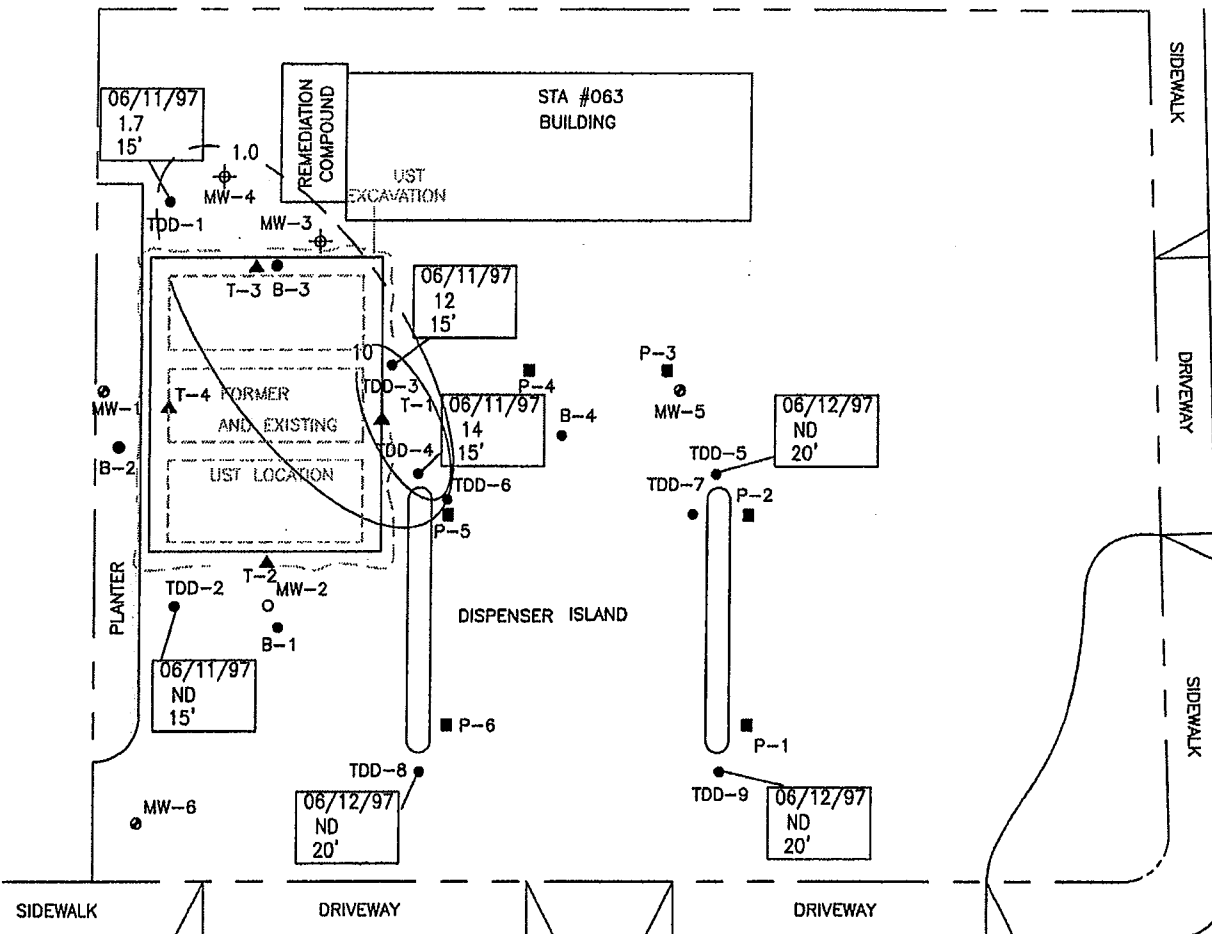
NORTH



GHC: 1332

DATE: 02/20/06

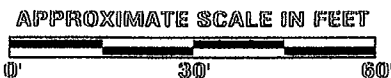
FIGURE 13
DISTRIBUTION OF BENZENE IN SOIL
THRIFTY SERVICE STATION #063
6125 Telegraph Avenue
Oakland, CA



LEGEND

- - GROUNDWATER MONITORING WELL
 - ⊕ - GROUNDWATER RECOVERY WELL
 - - ABANDONED GROUNDWATER MONITORING WELL
 - - SOIL BORING
 - ▲ - TANK BOTTOM SAMPLE POINT
 - - PIPING SAMPLE POINT
- 06/11/97
12
15'
- DATE SAMPLED, MAXIMUM MTBE SOIL CONCENTRATIONS IN mg/Kg, DEPTH OF SAMPLE
 - 10 - MAXIMUM MTBE SOIL CONTOUR IN mg/Kg
 - ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
 - NS - NOT SAMPLED
 - NA - DEPTH DATA NOT AVAILABLE

TELEGRAPH AVENUE



Post-Remediation (11-20' feet below ground surface)

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FIGURE 14
DISTRIBUTION OF MTBE IN SOIL
THRIFTY SERVICE STATION #063
6125 Telegraph Avenue
Oakland, CA

ATTACHMENT A

**SUMMARY TABLE
CURRENT PERIOD GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA, 94609
T0600101366**

WELL	STATUS	Monit./ Sampl. Date	ANALYTICAL PARAMETERS										MONITORING PARAMETERS				ELEVATION		WELL SCREEN (feet)
			TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)	
MW-1	ACT	10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	14.23	28.94	0.00	148.43	134.20	15 - 30
MW-3	ACT	10/29/08	13,500	84	1,190	615	4,080	28	<0.20	<0.23	<0.19	81	NP	15.42	28.20	0.00	148.94	133.52	15 - 30
MW-4	ACT	10/29/08	31,500	130	1,870	926	5,510	<19	<20	<23	<19	<520	NP	15.14	29.07	0.00	148.88	133.74	9 - 29
MW-5	ACT	10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	16.47	26.23	0.00	149.62	133.15	7 - 27
MW-6	ACT	10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	12.51	26.80	0.00	148.38	135.87	7 - 27
MW-7	ACT	10/29/08	13,200	108	987	400	2,550	<0.19	<0.20	<0.23	<0.19	<5.2	NP	14.52	17.45	0.00	148.20	133.68	8 - 18
MW-8	ACT	10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	12.92	18.29	0.00	147.31	134.39	8 - 18

NOTE:

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

**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	-	-
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	-	-
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	-	-
MONITORING WELL # MW-4						
10/16/97	<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	-	-	-	-		

**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)
04/14/04	-	-	-	-	-	-
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	163	<20	<20
07/26/06	<2.9	<1.7	16	836	-	-
10/25/06	<2.9	<1.7	18	1060	-	-
01/24/07	<0.29	<0.17	<0.28	139	-	-
04/24/07	<0.20	<0.23	11	776	-	-
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	-	-
MONITORING WELL # MW-5						
10/16/97	<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
07/26/06	<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	-	-
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	-	-
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	-	-

**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)
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	-	-
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	-	-
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	-	-

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

**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											
<i>Screen Interval = 15 to 30 feet</i>											
11/21/86	-	-	-	-	-	-	NP	15.42	0.00	99.34	83.92
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	3,600	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
10/16/97	680	<0.3	0.55	<0.3	<0.5	-	NP	17.92	0.00	99.34	81.42
01/07/98	42,000	980	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	290	<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	460	54	290	3,700	940	NP	13.14	0.00	99.34	86.20
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	<0.18	<0.14	<0.18	<0.26	<0.24	NP	16.71	0.00	99.34	82.63
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	465 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
04/14/04	494	<2.2	<3.2	<3.1	<4.0	843	NP	12.93	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

**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)					
04/13/05	<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
07/28/06	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	3,090	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	14.26	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							NP	14.24	0.00	148.43	134.19
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	610	1,600	<250	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.42	0.00	100.01	85.59
01/13/97	11,000	230	30	91	700	56	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
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)											
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

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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)					
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	78.73
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	9.6	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
10/08/03	3,330	<0.22	<0.32	<0.31	<0.4	4,070	NP	16.65	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

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	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
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

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DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
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							NP	15.40	0.00	148.94	133.54
MONITORING WELL #MW-4											
<i>Screen Interval = 9 to 29 feet</i>											
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
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
04/08/98	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 / 26,000	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
01/26/00	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
05/26/00	94	<0.3	<0.3	<0.3	<0.6	*746 / 419	NP	13.81	0.00	100.48	86.67
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	3,110 / 2,060	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	1.1	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	17,600	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

**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)					
01/15/04	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	13.68	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	<0.19	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
01/29/09							NP	15.15	0.00	148.88	133.73
MONITORING WELL #MW-5											
Screen Interval = 7 to 27 feet											
11/21/86	<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	87.86
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	<50	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	18.26	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	780	5,700	560	4,000	24,000	NP	10.90	0.00	100.98	90.08
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	0.65	<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

**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)					
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.96	0.00	101.98	86.02
10/07/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	16.33	0.00	101.98	85.65
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
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	87.56
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	<0.06	<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	<0.06	<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	14.89	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							NP	16.47	0.00	149.62	133.15
MONITORING WELL #MW-6											
<i>Screen Interval = 7 to 27 feet</i>											
11/21/86	<1,000	<2.0	<2.0	<2.0	<2.0	-	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	-	-	-	-	-	-	-	-	-	-	-
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	<0.5	NP	10.04	0.00	99.44	89.40
10/05/92	-	-	-	-	-	-	NP	13.29	0.00	99.44	86.15
01/06/93	<200	<0.5	<0.5	<0.5	<1.0	-	NP	14.69	0.00	99.44	84.75
07/13/93	<100	<0.5	<0.5	<0.5	<1.0	-	NP	10.87	0.00	99.44	88.57
10/11/93	<60	<0.3	<0.3	<0.3	<0.6	-	NP	13.10	0.00	99.44	86.34
							NP	14.43	0.00	99.44	85.01

**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)					
01/11/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.56	0.00	99.44	85.88
04/12/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	12.10	0.00	99.44	87.34
07/14/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	14.16	0.00	99.44	85.28
07/15/95	140	<0.5	<0.5	<0.5	<1	-	-	#N/A	-	-	-
01/15/96	56	0.38	0.33	<0.3	<0.5	-	NP	14.29	0.00	99.44	85.15
04/15/96	96	4.5	<0.3	<0.3	0.53	-	NP	14.32	0.00	99.44	85.12
07/15/96	140	2.4	0.44	<0.3	0.70	110	-	#N/A	-	-	-
10/09/96	-	-	-	-	-	-	NP	12.09	0.00	99.44	87.35
01/13/97	210	<0.3	1.2	<0.3	0.68	270	NP	9.85	0.00	99.44	89.59
04/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	#N/A	-	-	-
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	14.20	0.00	99.44	85.24
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.10	0.00	99.44	86.34
01/07/98	<50	<0.3	<0.3	<0.3	<0.5	0.10	NP	9.80	0.00	99.44	89.64
07/14/98	330	<0.3	<0.3	<0.3	<0.5	380	NP	12.30	0.00	99.44	87.14
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	14.30	0.00	99.44	85.14
01/20/99	<50	0.47	<0.3	<0.3	<0.5	<5.0	NP	13.60	0.00	100.44	86.84
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	13.50	0.00	100.44	86.94
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	*5.4 / <5.0	NP	14.65	0.00	100.44	85.79
10/07/99	<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
07/26/00	<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
04/10/02	<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	86.58
10/30/02	<50	1.6	<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	85.09
04/16/03	<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	11.62	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	9.96	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
04/24/07	<5.6	<0.18	<0.24	<0.21	1.5 J	5.7	NP	10.63	0.00	148.38	137.75
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.04	0.00	148.38	135.34
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.53	0.00	148.38	135.85

**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)					
01/23/08	<5.6	<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							NP	12.50	0.00	148.38	135.88
MONITORING WELL #MW-7											
<i>Screen interval = 8 to 18 feet</i>											
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	165	<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							NP	14.51	0.00	148.20	133.69

**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-8											
<i>Screen Interval = 8 to 18 feet</i>											
03/05/07	<5.6	<0.32	<0.10	<0.24	<0.3	22	NP	11.90	0.00	147.31	135.41
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.37	0.00	147.31	134.94
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.42	0.00	147.31	133.89
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.93	0.00	147.31	134.38
01/23/08	<5.6	<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

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

ATTACHMENT B

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
4/8/1991	1,669	0	-	-	<0.3	<0.3	<0.3	<0.9	-	-	1300	120	<7.5	1300	-
4/15/1991	5,742	4,073	582	-	<0.3	<0.3	<0.3	<0.3	-	-	700	140	<15	500	-
4/22/1991	10,240	8,571	643	-	<0.3	<0.3	<0.3	<0.9	-	-	850	100	34	860	-
4/29/1991	15,510	13,841	753	-	<0.3	<0.3	<0.3	<0.9	-	-	220	8.4	<0.3	42	-
5/6/1991	20,200	18,531	670	-	<0.3	<0.3	<0.3	<0.9	-	-	280	0.8	<0.3	56	-
5/13/1991	24,430	22,761	604	-	<0.3	<0.3	<0.3	<0.9	-	-	190	5.6	<0.3	37	-
5/20/1991	28,480	26,811	579	-	<0.3	<0.3	<0.3	<0.9	-	-	150	0.83	1.4	29	-
5/28/1991	29,310	27,641	104	-	<0.3	<0.3	<0.3	<0.9	-	-	<0.3	<0.3	<0.3	<0.9	-
6/3/1991	33,080	31,411	628	-	<0.3	<0.3	<0.3	<0.9	-	-	58	4	<0.3	33	-
6/10/1991	36,939	35,270	551	-	<0.3	<0.3	<0.3	<0.9	-	-	45	<0.3	<0.3	16	-
6/17/1991	40,673	39,004	533	-	<0.3	<0.3	<0.3	<0.9	-	-	69	4.9	0.9	21	-
6/24/1991	44,453	42,784	540	-	<0.3	<0.3	<0.3	<0.9	-	-	5.4	2	<0.3	6.6	-
7/1/1991	48,173	46,504	531	-	<0.5	<0.5	<1	<1	-	-	14	15	<1	9.1	-
7/8/1991	51,681	50,012	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	6.9	-
7/15/1991	55,186	53,517	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	0.6	<1	6.3	-
7/22/1991	62,150	60,481	995	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	2.6	-
7/29/1991	62,150	60,481	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-
8/5/1991	63,241	61,572	156	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-
8/12/1991	66,091	64,422	407	-	<0.5	<0.5	<1	<1	-	-	2.6	<0.5	<1	12	-
8/19/1991	67,649	65,980	223	-	<0.5	<0.5	<1	<1	-	-	20	3.3	2.8	70	-
8/26/1991	70,514	68,845	409	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-
9/9/1991	70,564	68,895	4	-	<0.5	<0.5	<1	<1	-	-	270	10	13	69	-
9/16/1991	73,526	71,857	423	System shut down due to damaged compressor pump											
10/7/1991	73,526	71,857	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-
10/14/1991	74,516	72,847	141	-	<0.5	<0.5	<1	<1	-	-	60	1.1	<1	23	-
10/21/1991	76,091	74,422	225	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-
10/28/1991	83,242	81,573	1,022	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	14	-
11/3/1991	83,242	81,573	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.1	-
11/11/1991	84,351	82,682	139	-	<0.5	<0.5	<1	<1	-	-	99	1.9	<1	14	-
11/18/1991	85,647	83,978	185	-	<0.5	<0.5	<1	<1	-	-	42	1	1	10	-
11/25/1991	89,512	87,843	552	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.9	-
12/3/1991	93,407	91,738	487	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-
12/9/1991	96,210	94,541	467	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.2	-
12/16/1991	99,045	97,376	405	-	<0.5	<0.5	<0.5	<0.5	-	-	1.3	<0.5	<0.5	1.5	-
12/23/1991	102,334	100,665	470	-	<0.5	<0.5	<0.5	<0.5	-	-	1.7	<0.5	<0.5	2.4	-
12/30/1991	105,124	103,455	399	-	<0.5	<0.5	<0.5	<0.5	-	-	22.6	1.2	0.7	4.9	-
1/15/1992	115,691	114,022	660	-	<0.5	<0.5	<0.5	<0.5	-	-	130	11	<0.5	50	-
2/10/1992	124,846	123,177	352	-	<0.5	<0.5	<0.5	<0.5	-	-	20	0.51	<0.5	3.6	-
3/9/1992	149,965	148,296	897	<200	<0.5	<0.5	<0.5	<0.5	-	12,000	2,100	400	170	2,100	-
4/13/1992	166,567	166,898	531	<200	<0.5	<0.5	<0.5	<0.5	-	2,100	280	3.9	<2.5	98	-
5/11/1992	187,170	185,501	664	<200	<0.5	0.7	<0.5	<0.5	-	<200	<0.5	<0.5	<0.5	<0.5	-
6/8/1992	190,490	188,821	119	-	<0.5	<0.5	<0.5	<0.5	-	-	44	3.7	0.7	64	-
7/6/1992	197,080	195,411	235	-	-	-	-	-	-	-	-	-	-	-	-
7/13/1992	197,890	196,221	116	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
7/13/1992	197,890	196,221	-	System shut down for repair of electrical motor											
8/10/1992	197,890	196,221	-	Restart the system											
8/17/1992	201,300	199,631	487	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
9/14/1992	209,647	207,978	298	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<1	-
10/5/1992	217,360	215,691	367	<200	<0.5	<0.5	<0.5	<1	-	<200	<0.5	<0.5	<0.5	<1	-
11/09/92	225,780	224,111	241	-	<0.5	<0.5	<0.5	<1	-	-	1.1	0.5	<0.5	10	-
12/14/92	243,048	241,379	493	-	<0.5	<0.5	<0.5	<1	-	-	720	46	<10	1,700	-
01/04/93	252,510	250,841	451	-	<0.5	<0.5	<0.5	<1	-	-	400	32	<25	520	-
02/15/93	266,210	264,541	326	<200	<0.5	<0.5	<0.5	<1	-	-	9,000	1,400	260	1,200	-
03/08/93	269,330	267,661	149	-	<0.5	<0.5	<0.5	<1	-	-	1,100	150	7.5	1,000	-

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
04/26/93	271,290	269,621	40	<100	<0.5	<0.5	<0.5	<1	-	7,200	1,100	100	25	780	-
04/26/93	271,290	269,621	-	System shut down fo repair											
07/15/93	272,577	270,908	16	Restart the system											
08/11/93	284,230	282,561	432	-	<0.5	<0.5	<0.5	<1	-	-	1.3	<0.5	<0.5	1.6	-
09/16/93	298,832	297,163	406	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-
10/08/93	305,641	303,972	310	-	-	-	-	-	-	-	-	-	-	-	-
10/11/93	307,068	305,399	476	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-
10/15/93	308,495	306,826	357	-	-	-	-	-	-	-	-	-	-	-	-
11/12/93	318,203	316,534	347	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
12/10/93	329,947	328,278	419	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
01/13/94	345,860	344,191	468	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	<0.5	-
02/10/94	359,662	357,993	493	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	<0.5	-
02/18/94	618,620	357,993	-	Changed air filters. The water flowmeter jumped from 359,662 to 618,620.											
03/10/94	627,540	366,913	446	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	7.7	-
04/14/94	645,330	384,703	508	<50	<0.3	<0.3	<0.3	<0.5	-	170	1.5	<0.3	0.38	0.73	-
05/19/94	653,520	392,893	234	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	46	4.1	0.5	84	-
06/16/94	664,015	403,388	375	<50	<0.3	<0.3	<0.3	<0.5	-	12,000	860	37	<13	1,600	-
07/14/94	672,750	412,123	312	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
08/11/94	681,920	421,293	328	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
09/15/94	692,083	431,456	290	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
10/17/94	699,979	439,352	247	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
11/14/94	712,539	451,912	449	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
12/19/94	734,620	473,993	631	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
01/10/95	742,072	481,445	339	-	-	-	-	-	-	-	-	-	-	-	-
01/16/95	742,074	481,447	0	System shut down for repair of compressor pump											
02/06/95	742,074	481,447	-	Restart the system											
02/13/95	744,063	483,436	284	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
03/13/95	758,930	498,303	531	<100	<0.5	<0.5	<0.5	<1	-	1,300	<0.5	<0.5	<0.5	<1	-
04/17/95	768,276	507,649	267	<100	<0.5	<0.5	<0.5	<1	-	6,200	410	73	97	280	-
05/15/95	780,716	520,089	444	<100	<0.5	<0.5	<0.5	<1	-	1,300	0.6	<0.5	<0.5	<1	-
06/12/95	784,514	523,887	136	<100	<0.5	<0.5	<0.5	<1	-	<100	<0.5	<0.5	<0.5	<1	-
07/18/95	794,158	533,531	268	<100	<0.5	<0.5	<0.5	<1	-	1,100	<0.5	<0.5	<0.5	<1	-
08/14/95	795,216	534,589	39	<100	<0.5	<0.5	<0.5	<1	-	170	<0.5	<0.5	<0.5	<1	-
09/06/95	797,631	537,004	105	<100	<0.5	<0.5	<0.5	<1	-	1,320	<0.5	<0.5	<0.5	<1	-
10/17/95	800,316	539,689	65	<100	<0.5	<0.5	<0.5	<1	-	2,400	26	2.7	3.9	46	-
11/20/95	806,264	545,637	175	150	<0.3	<0.3	<0.3	<0.5	-	450	0.31	<0.3	<0.3	<0.5	-
12/11/95	809,236	548,609	142	300	<0.3	<0.3	<0.3	0.59	-	470	<0.3	<0.3	<0.3	<0.5	-
01/15/96	822,734	562,107	386	510	<0.3	<0.3	<0.3	<0.5	-	900	0.39	<0.3	<0.3	<0.5	-
02/19/96	848,213	587,586	728	800	<0.3	0.57	<0.3	0.83	-	1700	23	3.7	<0.3	80	-
03/19/96	849,587	588,960	47	930	<0.3	<0.3	<0.3	<0.5	-	1,600	5.5	1.4	<0.3	94	-
04/15/96	852,042	591,415	91	990	<0.3	<0.3	<0.3	<0.5	-	1,100	0.43	<0.3	<0.3	<0.5	-
05/13/96	890,214	629,587	1,363	840	<0.3	<0.3	<0.3	<0.5	-	910	<0.3	<0.3	<0.3	<0.5	-
05/13/96	890,214	629,587	-	System shut down for carbon change											
06/14/96	890,214	629,587	-	Restart the system											
06/18/96	890,818	630,191	151	<50	<0.3	<0.3	<0.3	<0.5	-	1,000	92	8.7	3.4	55	-
07/01/96	892,781	632,154	151	-	-	-	-	-	-	-	-	-	-	-	-
07/08/96	894,210	633,583	204	System shut down due to burglary and damaged air compressor											
08/05/96	894,210	633,583	-	Restart the system											
08/13/96	896,220	635,593	251	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	160	110	220	650	-
09/23/96	899,410	638,783	78	<50	<0.3	<0.3	<0.3	<0.5	-	<50	0.49	<0.3	<0.3	<0.5	-
10/09/96	899,845	639,218	27	<50	<0.3	<0.3	<0.3	<0.5	-	730	1.7	0.42	2.1	2.5	-
11/11/96	901,348	640,721	46	<50	<0.3	<0.3	<0.3	<0.5	-	81	<0.3	<0.3	<0.3	<0.5	-
12/09/96	901,576	640,949	8	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
01/13/97	904,630	644,003	87	<50	<0.3	<0.3	<0.3	<0.5	-	13,000	590	250	180	850	-

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 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
02/10/97	912,610	651,983	285	82	<0.3	0.38	<0.3	<0.5	-	700	0.92	0.75	<0.3	4.1	-
03/10/97	921,020	660,393	300	<50	<0.3	<0.3	<0.3	<0.5	-	600	<0.3	<0.3	<0.3	<0.5	-
04/14/97	932,410	671,783	325	<50	<0.3	<0.3	<0.3	<0.5	-	4,400	<0.3	<0.3	<0.3	<0.5	-
05/12/97	941,028	680,401	308	<50	<0.3	<0.3	<0.3	<0.5	-	5,600	7.3	0.32	<0.3	17	-
06/23/97	943,183	682,556	51	-	-	-	-	-	-	-	-	-	-	-	-
07/07/97	945,821	685,194	188	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	3.4	<0.3	<0.3	26	-
08/04/97	951,020	690,393	186	-	-	-	-	-	-	-	-	-	-	-	-
09/02/97	957,933	697,306	238	System shut down due to stolen air compressor											
10/06/97	961,030	700,403	91	-	-	-	-	-	-	-	-	-	-	-	-
10/16/97	961,077	700,450	5	<50	<0.3	<0.3	<0.3	<0.5	-	550	<0.3	<0.3	<0.3	<0.5	-
11/17/97	970,920	710,293	308	-	-	-	-	-	-	-	-	-	-	-	-
12/23/97	986,016	725,389	419	-	-	-	-	-	-	-	-	-	-	-	-
01/05/98	991,520	730,893	423	-	-	-	-	-	-	-	-	-	-	-	-
01/07/98	992,365	731,738	423	<50	<0.3	<0.3	<0.3	<0.5	-	65,000	690	8,400	3,100	20,000	-
02/02/98	996,874	736,247	173	-	-	-	-	-	-	-	-	-	-	-	-
02/09/98	-	736,247	-	System shut down due to the UST replacement and station remodeling											
02/17/98	-	736,247	-	<50	<0.3	<0.3	<0.3	<0.5	-	35,000	150	<15	<15	8,900	-
04/13/98	53,000	736,247	-	Replaced carbons and restarted system with new meter (53,000)											
4/13 - 6/1/98	-	736,247	-	System was undergoing several maintenance / piping / hose replacement											
06/01/98	53,780	737,027	16	-	-	-	-	-	-	-	-	-	-	-	-
07/14/98	56,905	740,152	73	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	14	0.56	<0.3	26	-
08/13/98	59,426	742,673	84	-	-	-	-	-	-	-	-	-	-	-	-
09/11/98	62,356	745,603	101	-	-	-	-	-	-	-	-	-	-	-	-
10/15/98	62,714	745,961	11	<50	<0.3	<0.3	<0.3	<0.5	-	2,200	21	4	<0.3	100	-
11/06/98	62,952	746,199	11	-	-	-	-	-	-	-	-	-	-	-	-
11/20/98	-	746,199	-	System shut down for flowmeter replacement											
12/01/98	0.0	746,199	-	Restart the system with flowmeter at 000											
12/31/98	5,340.0	751,539	178	-	-	-	-	-	-	-	-	-	-	-	-
01/11/99	15,020.0	761,219	880	System shut down											
1/11 - 2/1/99	-	761,219	-	System was undergoing maintenance for the compressor											
01/20/99	-	761,219	-	<50	<0.3	<0.3	<0.3	<0.5	-	110	0.43	0.42	<0.3	<0.5	260
02/01/99	15,600.0	761,799	28	Restart system											
02/12/99	22,840.0	769,039	658	-	-	-	-	-	-	-	-	-	-	-	-
02/22/99	22,840.0	769,039	-	System shut down for carbon canister replacement											
03/26/99	22,840.0	769,039	-	Restart the system											
03/31/99	24,620.0	770,819	356	-	-	-	-	-	-	-	-	-	-	-	-
04/16/99	29,605.0	775,804	312	<50	<0.3	<0.3	<0.3	<0.5	<5	<50	<0.3	<0.3	<0.3	<0.5	<5
05/11/99	36,010.0	782,209	256	-	-	-	-	-	-	-	-	-	-	-	-
05/25/99	46,000.0	792,199	714	System shut down due to carbon canister leaking											
09/02/99	46,000.0	792,199	-	Restart system											
09/17/99	46,217.0	792,416	14	-	-	-	-	-	-	-	-	-	-	-	-
10/07/99	46,809.0	793,008	30	<50	<0.3	<0.3	<0.3	<0.5	11	65	<0.3	<0.3	<0.3	<0.5	120
10/21/99	47,278.0	793,477	34	System shut down for carbon change											
11/24/99	47,283.0	793,482	0	Restart system											
12/30/99	49,386.0	795,585	58	-	-	-	-	-	-	-	-	-	-	-	-
01/26/00	50,569.0	796,768	44	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
02/25/00	51,983.0	798,182	47	-	-	-	-	-	-	-	-	-	-	-	-
03/24/00	54,603.0	800,802	94	-	-	-	-	-	-	-	-	-	-	-	-
04/19/00	56,754.0	802,953	83	<5	<0.25	<0.25	<0.25	<0.5	-	<50	1.3	<0.25	<0.25	<0.5	<5
04/30/00	58,022.0	804,221	115	-	-	-	-	-	-	-	-	-	-	-	-
05/26/00	60,086.0	806,285	79	-	-	-	-	-	-	-	-	-	-	-	-
06/16/00	61,889.0	808,088	86	<50	<0.3	<0.3	<0.3	<0.6	<5	923	<0.6	2	85	80	*8,350/4,810
07/26/00	65,987.0	812,186	102	<50	<0.3	<0.3	<0.3	<0.6	<5	3,820	<0.3	<0.3	<0.3	<0.6	3,740
08/25/00	68,630.0	814,829	88	-	-	-	-	-	-	-	-	-	-	<0.6	<5

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				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
09/29/00	85,661.0	831,860	487	-	-	-	-	-	-	-	-	-	-	-	-
10/13/00	96,212.0	842,411	754	-	-	-	-	-	-	-	-	-	-	-	-
10/20/00	99,700.0	845,899	498	Shut down system for QWS and replaced flowmeter starting at 000 (old meter estimated at 99,700). Sytem restarted on 10/25/00 after QWS											
10/25/00	0.0	845,899	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	17,100	111	121	141	972	998
10/27/00	2,160	848,059	1,080	-	-	-	-	-	-	-	-	-	-	-	-
11/03/00	7,420	853,319	751	-	-	-	-	-	-	-	-	-	-	-	-
11/24/00	16,560	862,459	435	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	51,530	897,429	1,249	-	-	-	-	-	-	-	-	-	-	-	-
01/10/01	54,520	900,419	157	<50	<0.18	<0.14	<0.18	<0.26	<0.24	10,000	384	223	<0.18	1,330	11,600
02/19/01	99,640	945,539	1,128	-	-	-	-	-	-	-	-	-	-	-	-
03/19/01	144,170	990,069	1,590	-	-	-	-	-	-	-	-	-	-	-	-
04/09/01	167,050	1,012,949	1,090	378	<0.18	<0.14	<0.18	<0.26	475	4,040	191	4	42	38	4,990
04/13/01	169,210	1,015,109	540	Shut down system for replacement of carbon drums											
04/18/01	169,210	1,015,109	-	Restart system											
04/23/01	177,140	1,023,039	1,586	93	<0.18	<0.14	<0.18	<0.26	132	1,400	<0.18	<0.14	<0.18	<0.26	3,240
05/02/01	186,800	1,032,699	1,073	Shut down system for carbon change											
05/18/01	186,900	1,032,799	6	Restart system											
05/30/01	200,850	1,046,749	1,163	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3,100	15	<0.14	1	2	*8,510 / 5,780
06/25/01	266,720	1,112,619	2,533	-	-	-	-	-	-	-	-	-	-	-	-
07/09/01	278,760	1,124,659	860	<50	<0.18	<0.14	<0.18	<0.26	<0.24	748	15	<0.14	2	2.7	1,440
08/13/01	399,700	1,245,599	3,455	-	-	-	-	-	-	-	-	-	-	-	-
09/24/01	451,240	1,297,139	1,227	-	-	-	-	-	-	-	-	-	-	-	-
10/01/01	488,310	1,334,209	5,296	<50	<0.18	<0.14	<0.18	<0.26	<0.24	956	1.2	<0.14	<0.18	<0.26	878
11/12/01	636,260	1,482,159	3,523	-	-	-	-	-	-	-	-	-	-	-	-
12/31/01	674,080	1,519,979	772	-	-	-	-	-	-	-	-	-	-	-	-
01/14/02	688,450	1,534,349	1,026	<50	<0.18	<0.14	<0.18	<0.26	<0.24	232	1	1	<0.18	<0.26	363
02/18/02	738,420	1,584,319	1,428	-	-	-	-	-	-	-	-	-	-	-	-
03/25/02	814,570	1,660,469	2,176	-	-	-	-	-	-	-	-	-	-	-	-
04/08/02	828,510	1,674,409	996	<50	<0.18	<0.14	<0.18	<0.26	<0.24	105	<0.18	<0.14	<0.18	<0.26	157
04/22/02	895,910	1,741,809	4,814	-	-	-	-	-	-	-	-	-	-	-	-
05/06/02	895,920	1,741,819	1	System off; Restart											
05/13/02	929,130	1,775,029	4,744	-	-	-	-	-	-	-	-	-	-	-	-
06/03/02	-	1,839,639	-	-	<0.5	<0.7	<0.8	<3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
06/03/02	993,740	1,839,639	3,077	<50	<0.18	<0.14	<0.18	<0.26	<0.24	Split-sample results (sample collected by us)					
06/24/02	1,001,590	1,847,489	374	-	-	-	-	-	-	-	-	-	-	-	-
07/08/02	-	1,847,489	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4,710	1	1.2	<0.18	2	6,980
07/12/02	1,051,430	1,897,329	2,769	-	-	-	-	-	-	-	-	-	-	-	-
07/29/02	1,052,820	1,898,719	82	System shut down for carbon change											
08/16/02	1,052,820	1,898,719	-	Restart											
08/30/02	1,069,050	1,914,949	1,159	-	-	-	-	-	-	-	-	-	-	-	-
09/20/02	-	1,952,309	-	-	<0.5	<0.7	<0.8	<3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
09/20/02	1,106,410	1,952,309	1,779	<50	<0.1	<0.15	<0.06	-	-	Split-sample results (sample collected by us, analysis by EPA 624 & 8015M)					
09/30/02	1,110,180	1,956,079	377	-	-	-	-	-	-	-	-	-	-	-	-
10/07/02	1,114,720	1,960,619	649	<50	<0.18	<0.14	<0.18	<0.26	<0.24	128	<0.18	<0.14	<0.18	<0.26	95
10/28/02	1,127,540	1,973,439	610	-	-	-	-	-	-	-	-	-	-	-	-
11/25/02	1,149,730	1,995,629	793	-	-	-	-	-	-	-	-	-	-	-	-
12/20/02	1,166,840	2,012,739	684	-	-	-	-	-	-	-	-	-	-	-	-
12/30/02	1,173,420	2,019,319	658	-	-	-	-	-	-	-	-	-	-	-	-
01/06/03	1,182,610	2,028,509	1,313	<50	<0.14	1.2	<0.08	2.4	<2.0	9,860	<1.4	29	14	2,420	205
01/13/03	1,189,320	2,035,219	959	Shut down for QWS											
01/15/03	1,189,320	2,035,219	-	Restart											
02/24/03	1,223,450	2,069,349	853	-	-	-	-	-	-	-	-	-	-	-	-
03/10/03	1,238,640	2,084,539	1,085	-	-	-	-	-	-	-	-	-	-	-	-
03/17/03	1,257,710	2,103,609	2,724	System off											

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				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
03/28/03	1,257,710	2,103,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
03/31/03	1,266,150	2,112,049	2,813	-	-	-	-	-	-	-	-	-	-	-	-
04/02/03	1,272,100	2,117,999	2,975	-	-	-	-	-	-	-	-	-	-	-	-
04/07/03	1,286,160	2,132,059	2,812	<15	<0.04	2.2	<0.02	<0.06	<0.03	14,000	20	20	2.2	14	9,090
04/14/03	1,294,060	2,139,959	1,129	System shut down for QWS	-	-	-	-	-	-	-	-	-	-	-
04/16/03	1,294,080	2,139,979	10	Restart	-	-	-	-	-	-	-	-	-	-	-
04/21/03	1,299,660	2,145,559	1,116	-	-	-	-	-	-	-	-	-	-	-	-
04/28/03	1,302,140	2,148,039	354	-	-	-	-	-	-	-	-	-	-	-	-
05/05/03	1,302,710	2,148,609	81	System shut down for carbon change	-	-	-	-	-	-	-	-	-	-	-
05/07/03	1,302,710	2,148,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
05/12/03	1,303,230	2,149,129	104	-	-	-	-	-	-	-	-	-	-	-	-
05/19/03	1,318,460	2,164,359	2,176	-	-	-	-	-	-	-	-	-	-	-	-
05/30/03	1,321,830	2,167,729	306	-	-	-	-	-	-	-	-	-	-	-	-
06/02/03	1,327,490	2,173,389	1,887	-	-	-	-	-	-	-	-	-	-	-	-
06/09/03	1,336,370	2,182,269	1,269	-	-	-	-	-	-	-	-	-	-	-	-
06/16/03	1,347,480	2,193,379	1,587	-	-	-	-	-	-	-	-	-	-	-	-
06/23/03	1,359,690	2,205,589	1,744	-	-	-	-	-	-	-	-	-	-	-	-
07/01/03	1,366,090	2,211,989	800	-	-	-	-	-	-	-	-	-	-	-	-
07/07/03	1,369,730	2,215,629	607	System shut down for QWS	-	-	-	-	-	-	-	-	-	-	-
07/15/03	1,369,730	2,215,629	-	Restart	-	-	-	-	-	-	-	-	-	-	-
07/21/03	1,382,630	2,228,529	2,150	<15	<0.04	1.0	<0.02	<0.06	<0.03	7,710	<0.04	<0.02	<0.02	<0.06	3,550
07/28/03	1,389,840	2,235,739	1,030	-	-	-	-	-	-	-	-	-	-	-	-
08/04/03	1,408,710	2,254,609	2,696	-	-	-	-	-	-	-	-	-	-	-	-
08/15/03	1,411,520	2,257,419	255	System shut down for carbon change	-	-	-	-	-	-	-	-	-	-	-
08/29/03	1,411,560	2,257,459	3	Restart	-	-	-	-	-	-	-	-	-	-	-
09/03/03	1,419,210	2,265,109	1,530	-	-	-	-	-	-	-	-	-	-	-	-
09/12/03	1,423,520	2,269,419	479	-	-	-	-	-	-	-	-	-	-	-	-
09/15/03	1,427,810	2,273,709	1,430	-	-	-	-	-	-	-	-	-	-	-	-
09/22/03	1,429,700	2,275,599	270	System shut down for installation of new 24-hour timer	-	-	-	-	-	-	-	-	-	-	-
09/26/03	1,429,700	2,275,599	-	Restart	-	-	-	-	-	-	-	-	-	-	-
09/29/03	1,430,560	2,276,459	287	-	-	-	-	-	-	-	-	-	-	-	-
10/06/03	1,431,140	2,277,039	83	System shut down for QWS	-	-	-	-	-	-	-	-	-	-	-
10/08/03	1,431,140	2,277,039	-	Restart	-	-	-	-	-	-	-	-	-	-	-
10/10/03	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/10/03	1,432,290	2,278,189	575	<15	<0.04	<0.02	<0.02	<0.06	<0.03	16,200	<0.04	4.4	4.8	46	8,700
10/17/03	1,433,790	2,279,689	214	-	-	-	-	-	-	-	-	-	-	-	-
10/22/03	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/22/03	1,434,590	2,280,489	160	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Split-sample results (sample collected by us)					
10/27/03	1,435,610	2,281,509	204	-	-	-	-	-	-	-	-	-	-	-	-
11/03/03	1,438,740	2,284,639	447	-	-	-	-	-	-	-	-	-	-	-	-
11/14/03	1,443,620	2,289,519	444	-	-	-	-	-	-	-	-	-	-	-	-
11/21/03	1,447,510	2,293,409	556	-	-	-	-	-	-	-	-	-	-	-	-
12/05/03	1,452,410	2,298,309	350	-	-	-	-	-	-	-	-	-	-	-	-
12/09/03	1,458,320	2,304,219	1,478	-	-	-	-	-	-	-	-	-	-	-	-
12/17/03	1,462,410	2,308,309	511	-	-	-	-	-	-	-	-	-	-	-	-
12/26/03	1,468,630	2,314,529	691	-	-	-	-	-	-	-	-	-	-	-	-
12/31/03	1,469,710	2,315,609	216	-	-	-	-	-	-	-	-	-	-	-	-
01/06/04	1,472,000	2,317,899	382	<15	<0.04	<0.02	<0.02	<0.06	<0.03	7,900	658	1,560	62	1,090	2,170
01/14/04	1,474,650	2,320,549	331	System shut down for QWS; Restarted 1/15/04	-	-	-	-	-	-	-	-	-	-	-
01/28/04	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
01/28/04	1,485,790	2,331,689	857	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Split-sample results (sample collected by us)					
02/04/04	1,492,340	2,338,239	936	-	-	-	-	-	-	-	-	-	-	-	-
02/10/04	1,494,550	2,340,449	368	-	-	-	-	-	-	-	-	-	-	-	-
02/20/04	1,498,790	2,344,689	424	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	
02/25/04	1,499,360	2,345,259	114	-	-	-	-	-	-	-	-	-	-	-	-	
03/03/04	1,514,700	2,360,599	2,191	-	-	-	-	-	-	-	-	-	-	-	-	
03/09/04	1,517,300	2,363,199	433	-	-	-	-	-	-	-	-	-	-	-	-	
03/17/04	1,519,100	2,364,999	225	-	-	-	-	-	-	-	-	-	-	-	-	
03/24/04	1,524,600	2,370,499	786	-	-	-	-	-	-	-	-	-	-	-	-	
04/01/04	1,529,300	2,375,199	588	-	-	-	-	-	-	-	-	-	-	-	-	
04/07/04	1,531,200	2,377,099	317	<15	<0.22	<0.32	<0.31	<0.4	<0.18	1,380	113	93	16	76	191	
04/14/04	1,533,000	2,378,899	257	System shut down for QWS on 4/7; Restarted 4/14						-	-	-	-	-	-	-
04/22/04	1,576,400	2,422,299	5,425	-	-	-	-	-	-	-	-	-	-	-	-	
04/28/04	1,623,500	2,469,399	7,850	-	-	-	-	-	-	-	-	-	-	-	-	
05/06/04	1,668,920	2,514,819	5,678	-	-	-	-	-	-	-	-	-	-	-	-	
05/13/04	1,691,100	2,536,999	3,169	-	-	-	-	-	-	-	-	-	-	-	-	
05/20/04	1,726,500	2,572,399	5,057	-	-	-	-	-	-	-	-	-	-	-	-	
05/28/04	1,748,910	2,594,809	2,801	-	-	-	-	-	-	-	-	-	-	-	-	
06/04/04	1,749,320	2,595,219	59	Found system off; for replacement of on and off switch						-	-	-	-	-	-	-
06/11/04	1,749,320	2,595,219	-	Restarted						-	-	-	-	-	-	-
06/16/04	1,751,910	2,597,809	518	-	-	-	-	-	-	-	-	-	-	-	-	
06/22/04	1,753,550	2,599,449	273	-	-	-	-	-	-	-	-	-	-	-	-	
07/02/04	1,756,530	2,602,429	298	-	-	-	-	-	-	-	-	-	-	-	-	
07/08/04	1,759,110	2,605,009	430	<15	<0.22	<0.32	<0.31	<0.4	<0.18	652	31	<0.32	<0.31	2.1J	383	
07/15/04	1,759,260	2,605,159	21	-	-	-	-	-	-	-	-	-	-	-	-	
07/22/04	1,760,630	2,606,529	196	-	-	-	-	-	-	-	-	-	-	-	-	
07/28/04	1,762,810	2,608,709	363	Shut down system for carbon change						-	-	-	-	-	-	-
08/05/04	1,762,810	2,608,709	-	Restarted						-	-	-	-	-	-	-
08/12/04	1,765,370	2,611,269	366	-	-	-	-	-	-	-	-	-	-	-	-	
08/20/04	1,767,950	2,613,849	323	-	-	-	-	-	-	-	-	-	-	-	-	
08/27/04	1,771,100	2,616,999	450	-	-	-	-	-	-	-	-	-	-	-	-	
09/03/04	1,773,750	2,619,649	379	-	-	-	-	-	-	-	-	-	-	-	-	
09/07/04	1,777,590	2,623,489	960	-	-	-	-	-	-	-	-	-	-	-	-	
09/10/04	1,778,460	2,624,359	290	Shut down system due to operator vacation						-	-	-	-	-	-	-
09/29/04	1,778,460	2,624,359	-	Restarted						-	-	-	-	-	-	-
10/06/04	1,779,260	2,625,159	114	<15	<0.22	<0.32	<0.31	<0.4	<0.18	<15	<0.22	<0.32	<0.31	<0.4	20	
10/12/04	1,782,540	2,628,439	547	Shut down system for QWS						-	-	-	-	-	-	-
10/21/04	1,782,680	2,628,579	16	Restarted						-	-	-	-	-	-	-
10/27/04	1,784,630	2,630,529	325	-	-	-	-	-	-	-	-	-	-	-	-	
11/03/04	1,784,680	2,630,579	7	-	-	-	-	-	-	-	-	-	-	-	-	
11/11/04	1,787,490	2,633,389	351	-	-	-	-	-	-	-	-	-	-	-	-	
11/19/04	1,789,350	2,635,249	233	-	-	-	-	-	-	-	-	-	-	-	-	
12/01/04	1,789,800	2,635,699	38	-	-	-	-	-	-	-	-	-	-	-	-	
12/10/04	1,792,780	2,638,679	331	-	-	-	-	-	-	-	-	-	-	-	-	
12/15/04	1,795,460	2,641,359	536	-	-	-	-	-	-	-	-	-	-	-	-	
12/22/04	1,798,000	2,643,899	363	-	-	-	-	-	-	-	-	-	-	-	-	
12/29/04	1,800,580	2,646,479	369	-	-	-	-	-	-	-	-	-	-	-	-	
01/05/05	1,803,140	2,649,039	366	<15	<0.22	<0.32	<0.31	<0.4	<0.18	291	9.1	<0.32	1.2 J	<0.4	72	
01/13/05	1,803,290	2,649,189	19	System turned off for QWS on 1/5/05; Restarted on 1/13/05						-	-	-	-	-	-	-
01/20/05	1,804,020	2,649,919	104	Shut down system for repair and upgrade						-	-	-	-	-	-	-
04/30/05	1,804,020	2,649,919	-	System still off pending repairs and upgrade						-	-	-	-	-	-	-
05/10/05	1,804,020	2,649,919	-	Restarted system with MW-3 only						-	-	-	-	-	-	-
05/20/05	1,805,010	2,650,909	99	Added MW-4 to the system						-	-	-	-	-	-	-
05/26/05	1,807,630	2,653,529	437	-	-	-	-	-	-	-	-	-	-	-	-	
06/03/05	1,812,100	2,657,999	559	-	-	-	-	-	-	-	-	-	-	-	-	
06/10/05	1,816,540	2,662,439	634	-	-	-	-	-	-	-	-	-	-	-	-	
06/17/05	1,819,870	2,665,769	476	Compressor needs repair						-	-	-	-	-	-	-
06/24/05	1,823,140	2,669,039	467	Replace with new pump MW-3						-	-	-	-	-	-	-

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
06/29/05	1,827,540	2,673,439	880	-	-	-	-	-	-	-	-	-	-	-	-
07/08/05	1,829,830	2,675,729	254	-	-	-	-	-	-	-	-	-	-	-	-
07/14/05	1,829,970	2,675,869	23	<2.9	<0.17	<0.22	<0.14	<0.38	-	4,270	130	3.6 J	348	188	2,790
07/22/05	1,832,760	2,678,659	349	-	-	-	-	-	-	-	-	-	-	-	-
07/26/05	1,833,920	2,679,819	290	Shut down system for QWS			-	-	-	-	-	-	-	-	-
08/05/05	1,833,970	2,679,869	5	Restart sytem after QWS			-	-	-	-	-	-	-	-	-
08/09/05	1,836,930	2,682,829	740	-	-	-	-	-	-	-	-	-	-	-	-
08/19/05	1,837,560	2,683,459	63	-	<0.10	<0.15	<0.06	<0.40	-	Split-sample results during EBMUD inspection & sampling					
08/25/05	1,837,920	2,683,819	60	Shut down system for carbon change			-	-	-	-	-	-	-	-	-
09/01/05	1,837,980	2,683,879	9	Restarted			-	-	-	-	-	-	-	-	-
09/09/05	1,838,530	2,684,429	69	-	-	-	-	-	-	-	-	-	-	-	-
09/16/05	1,841,230	2,687,129	386	-	-	-	-	-	-	-	-	-	-	-	-
09/23/05	1,843,410	2,689,309	311	-	-	-	-	-	-	-	-	-	-	-	-
09/30/05	1,844,820	2,690,719	201	-	-	-	-	-	-	-	-	-	-	-	-
10/06/05	1,845,250	2,691,149	72	<2.9	<0.10	<0.15	<0.06	<0.40	-	2,410	<3.2	<1.0	28 J	<3.0	1,990
10/11/05	1,846,030	2,691,929	156	System turned off for QWS on 10/11/05; Restarted on 10/14/05						-	-	-	-	-	-
10/14/05	-	-	-	-	<0.05	<0.07	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/14/05	1,846,590	2,692,489	187	-	<0.10	<0.15	<0.06	<0.40	-	Split-sample results during EBMUD inspection & sampling					
10/21/05	1,847,810	2,693,709	174	-	-	-	-	-	-	-	-	-	-	-	-
11/02/05	1,849,720	2,695,619	159	-	-	-	-	-	-	-	-	-	-	-	-
11/08/05	-	-	-	-	<0.05	0.62	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
11/10/05	1,850,760	2,696,659	130	-	-	-	-	-	-	-	-	-	-	-	-
11/17/05	1,851,420	2,697,319	94	-	-	-	-	-	-	-	-	-	-	-	-
11/23/05	1,854,560	2,700,459	523	-	-	-	-	-	-	-	-	-	-	-	-
11/30/05	1,856,650	2,702,549	299	-	-	-	-	-	-	-	-	-	-	-	-
12/09/05	1,858,340	2,704,239	188	-	-	-	-	-	-	-	-	-	-	-	-
12/15/05	1,859,780	2,705,679	240	-	-	-	-	-	-	-	-	-	-	-	-
12/22/05	1,860,420	2,706,319	91	-	-	-	-	-	-	-	-	-	-	-	-
12/30/05	1,862,470	2,708,369	256	-	-	-	-	-	-	-	-	-	-	-	-
01/06/06	1,866,760	2,712,659	613	-	-	-	-	-	-	-	-	-	-	-	-
01/11/06	1,867,740	2,713,639	196	698	<0.32	<0.10	<0.24	<0.30	-	6,120	210	<0.10	419	130	649
01/18/06	1,870,240	2,716,139	357	Shut down system for QWS and carbon change			-	-	-	-	-	-	-	-	-
01/27/06	1,870,280	2,716,179	4	Restarted after QWS and carbon change			-	-	-	-	-	-	-	-	-
02/01/06	-	-	-	-	<0.70	<0.67	<0.65	<2.0	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
02/01/06	1,870,530	2,716,429	50	-	<0.17	<0.22	<0.14	<0.38	-	Split-sample results during EBMUD inspection & sampling					
02/10/06	1,877,370	2,723,269	760	-	-	-	-	-	-	-	-	-	-	-	-
02/17/06	1,879,230	2,725,129	266	-	-	-	-	-	-	-	-	-	-	-	-
02/24/06	1,880,710	2,726,609	211	-	-	-	-	-	-	-	-	-	-	-	-
03/01/06	1,882,270	2,728,169	312	-	-	-	-	-	-	-	-	-	-	-	-
03/10/06	1,889,370	2,735,269	789	-	-	-	-	-	-	-	-	-	-	-	-
03/17/06	1,889,660	2,735,559	41	-	-	-	-	-	-	-	-	-	-	-	-
03/21/06	1,890,930	2,736,829	318	-	-	-	-	-	-	-	-	-	-	-	-
03/29/06	1,891,880	2,737,779	119	-	-	-	-	-	-	-	-	-	-	-	-
04/05/06	1,893,340	2,739,239	209	<5.6	<0.32	<0.10	<0.24	<0.30	-	1,520	72	<0.10	199	28	129
04/11/06	1,895,480	2,741,379	357	-	-	-	-	-	-	-	-	-	-	-	-
04/11/06	-	2,741,379	-	Shut down system for QWS			-	-	-	-	-	-	-	-	-
04/14/06	1,895,490	2,741,389	3	Restart sytem after QWS			-	-	-	-	-	-	-	-	-
04/21/06	1,897,130	2,743,029	234	-	-	-	-	-	-	-	-	-	-	-	-
04/26/06	1,898,330	2,744,229	240	-	-	-	-	-	-	-	-	-	-	-	-
05/03/06	1,900,240	2,746,139	273	-	-	-	-	-	-	-	-	-	-	-	-
05/12/06	1,903,700	2,749,599	384	-	-	-	-	-	-	-	-	-	-	-	-
05/19/06	1,905,570	2,751,469	267	-	-	-	-	-	-	-	-	-	-	-	-
05/23/06	1,907,810	2,753,709	560	<5.6	<0.32	<0.10	<0.24	<0.30	-	683,000	3,600	135,000	25,100	165,000	-
05/26/06	1,909,780	2,755,679	657	-	-	-	-	-	-	-	-	-	-	-	-

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 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	
06/02/06	1,911,010	2,756,909	176	-	-	-	-	-	-	-	-	-	-	-	-	
06/09/06	1,912,670	2,758,569	237	-	-	-	-	-	-	77,300	668	19,300	1,660	8,800	-	
06/16/06	1,914,330	2,760,229	237	-	-	-	-	-	-	-	-	-	-	-	-	
06/23/06	1,917,210	2,763,109	411	-	-	-	-	-	-	-	-	-	-	-	-	
06/27/06	1,919,740	2,765,639	633	-	-	-	-	-	-	-	-	-	-	-	-	
07/06/06	1,921,470	2,767,369	192	3,730	44	874	26	503	16	4,450	8.6 J	99	34 J	149	2,780	
07/14/06	1,921,980	2,767,879	64	-	-	-	-	-	-	-	-	-	-	-	-	
07/18/06	1,922,070	2,767,969	23	Shut down system for carbon change						-	-	-	-	-	-	-
08/04/06	1,922,090	2,767,989	1	System restarted after carbon change						-	-	-	-	-	-	-
08/04/06	1,922,090	2,767,989	1	<5.6	<0.32	<0.10	<0.24	<0.30	-	763	<0.32	<0.10	<0.24	<0.30	1040	
08/18/06	1,928,690	2,774,589	471	-	-	-	-	-	-	-	-	-	-	-	-	
08/25/06	1,929,580	2,775,479	127	-	-	-	-	-	-	-	-	-	-	-	-	
09/01/06	1,932,440	2,778,339	409	-	-	-	-	-	-	-	-	-	-	-	-	
09/08/06	1,936,240	2,782,139	543	-	-	-	-	-	-	-	-	-	-	-	-	
09/14/06	1,938,420	2,784,319	363	-	-	-	-	-	-	-	-	-	-	-	-	
09/20/06	1,939,710	2,785,609	215	-	-	-	-	-	-	-	-	-	-	-	-	
10/04/06	1,942,100	2,787,999	171	<5.6	<0.32	<0.10	<0.24	1.1 J	-	14,400	78	1,110	440	1,440	1,420	
10/13/06	1,945,320	2,791,219	358	-	-	-	-	-	-	-	-	-	-	-	-	
10/19/06	1,947,230	2,793,129	318	-	-	-	-	-	-	-	-	-	-	-	-	
10/24/06	1,948,670	2,794,569	288	Shut down system for QWS						-	-	-	-	-	-	-
10/27/06	1,948,670	2,794,569	-	Restart system after QWS						-	-	-	-	-	-	-
11/01/06	1,949,120	2,795,019	90	-	-	-	-	-	-	-	-	-	-	-	-	
11/09/06	1,951,030	2,796,929	239	-	-	-	-	-	-	-	-	-	-	-	-	
11/16/06	1,951,817	2,797,716	112	-	-	-	-	-	-	-	-	-	-	-	-	
11/22/06	1,952,010	2,797,909	32	-	-	-	-	-	-	-	-	-	-	-	-	
11/30/06	1,956,730	2,802,629	590	Shut down system for maintenance						-	-	-	-	-	-	-
12/01/06	1,956,730	2,802,629	-	Restarted system						-	-	-	-	-	-	-
12/07/06	1,958,510	2,804,409	297	-	-	-	-	-	-	-	-	-	-	-	-	
12/12/06	1,959,720	2,805,619	242	Shut down system due to operator vacation						-	-	-	-	-	-	-
01/03/07	1,959,230	2,805,129	(22)	Restarted system						-	-	-	-	-	-	-
01/05/07	1,959,670	2,805,569	220	-	-	-	-	-	-	-	-	-	-	-	-	
01/11/07	1,961,280	2,807,179	268	-	-	-	-	-	-	-	-	-	-	-	-	
01/18/07	1,963,200	2,809,099	274	System shut down for QWS						-	-	-	-	-	-	-
01/24/07	1,963,200	2,809,099	-	<5.6	<0.17	<0.22	<0.14	<0.38	-	8,920	<1.6	115	91	612	68	
01/25/07	1,963,860	2,809,759	660	-	-	-	-	-	-	-	-	-	-	-	-	
02/02/07	1,967,120	2,813,019	408	-	-	-	-	-	-	-	-	-	-	-	-	
02/06/07	1,969,320	2,815,219	550	-	-	-	-	-	-	-	-	-	-	-	-	
02/16/07	1,971,040	2,816,939	172	-	-	-	-	-	-	-	-	-	-	-	-	
02/19/07	1,971,760	2,817,659	240	-	-	-	-	-	-	-	-	-	-	-	-	
02/28/07	1,978,320	2,824,219	729	-	-	-	-	-	-	-	-	-	-	-	-	
03/16/07	1,983,620	2,829,519	331	-	-	-	-	-	-	-	-	-	-	-	-	
03/23/07	1,985,120	2,831,019	214	-	-	-	-	-	-	-	-	-	-	-	-	
03/30/07	1,987,330	2,833,229	316	-	-	-	-	-	-	-	-	-	-	-	-	
04/05/07	1,989,120	2,835,019	298	-	-	-	-	-	-	-	-	-	-	-	-	
04/12/07	1,991,300	2,837,199	311	<5.6	<0.17	<0.22	<0.14	<0.38	-	6,640	43	916	296	1,810	199	
04/20/07	1,992,720	2,838,619	178	Shut down system for QWS						-	-	-	-	-	-	-
04/27/07	1,992,730	2,838,629	1	Restart system after QWS						-	-	-	-	-	-	-
05/03/07	1,994,500	2,840,399	295	-	-	-	-	-	-	-	-	-	-	-	-	
05/10/07	2,002,410	2,848,309	1,130	-	-	-	-	-	-	-	-	-	-	-	-	
05/17/07	2,004,320	2,850,219	273	-	-	-	-	-	-	-	-	-	-	-	-	
05/25/07	2,004,810	2,850,709	61	-	-	-	-	-	-	-	-	-	-	-	-	
06/01/07	2,005,210	2,851,109	57	-	-	-	-	-	-	-	-	-	-	-	-	
06/14/07	2,006,540	2,852,439	102	-	-	-	-	-	-	-	-	-	-	-	-	
06/19/07	2,008,320	2,854,219	356	-	-	-	-	-	-	-	-	-	-	-	-	
06/21/07	2,008,740	2,854,639	210	-	-	-	-	-	-	15,800	186	1,890	410	2,060	97	

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	
06/29/07	2,016,480	2,862,379	968	-	-	-	-	-	-	-	-	-	-	-	-	
07/06/07	2,014,260	2,864,599	317	-	-	-	-	-	-	-	-	-	-	-	-	
07/13/07	2,013,420	2,865,439	120	-	-	-	-	-	-	-	-	-	-	-	-	
07/20/07	2,015,230	2,867,249	259	-	-	-	-	-	-	-	-	-	-	-	-	
07/24/07	2,015,620	2,867,639	98	Shut down system for QWS						-	-	-	-	-	-	-
07/27/07	2,015,670	2,867,689	17	Restart sytem after QWS						-	-	-	-	-	-	-
08/03/07	2,016,310	2,868,329	91	-	-	-	-	-	-	-	-	-	-	-	-	
08/10/07	2,017,430	2,869,449	160	-	-	-	-	-	-	-	-	-	-	-	-	
08/17/07	2,017,960	2,869,979	76	<5.6	<0.15	<0.12	<0.09	<0.26	-	-	-	-	-	-	-	
08/24/07	2,018,100	2,870,119	20	-	-	-	-	-	-	-	-	-	-	-	-	
08/31/07	2,018,210	2,870,229	16	-	-	-	-	-	-	-	-	-	-	-	-	
09/07/07	2,018,630	2,870,649	60	Shut down system for repairs						-	-	-	-	-	-	-
09/14/07	2,019,810	2,871,829	169	Restart system						-	-	-	-	-	-	-
09/21/07	2,027,200	2,879,219	1,056	-	-	-	-	-	-	-	-	-	-	-	-	
09/28/07	2,031,500	2,883,519	614	-	-	-	-	-	-	-	-	-	-	-	-	
10/05/07	2,038,620	2,890,639	1,017	-	-	-	-	-	-	-	-	-	-	-	-	
10/12/07	2,042,100	2,894,119	497	-	-	-	-	-	-	-	-	-	-	-	-	
10/19/07	2,049,120	2,901,139	1,003	-	-	-	-	-	-	-	-	-	-	-	-	
10/23/07	2,051,240	2,903,259	530	Shut down system for QWS						-	-	-	-	-	-	-
10/26/07	2,053,410	2,905,429	723	Restart sytem after QWS						-	-	-	-	-	-	-
11/06/07	2,064,180	2,916,199	979	<5.6	<0.15	<0.12	<0.09	<0.26	-	Split-sample results during EBMUD inspection & sampling						
11/20/07	2,075,400	2,927,419	801	<5.6	<0.15	<0.12	<0.09	<0.26	-	2,240	84	<0.24	46	5.7	194	
11/30/07	2,082,110	2,934,129	671	-	-	-	-	-	-	-	-	-	-	-	-	
12/14/07	2,086,930	2,938,949	344	-	-	-	-	-	-	3,980	102	869	229	1400	100	
12/21/07	2,091,340	2,943,359	630	-	-	-	-	-	-	-	-	-	-	-	-	
12/28/07	2,094,210	2,946,229	410	-	-	-	-	-	-	-	-	-	-	-	-	
01/04/08	2,097,490	2,949,509	469	-	-	-	-	-	-	-	-	-	-	-	-	
01/11/08	2,106,370	2,958,389	1,269	Shut down system for QWS						-	-	-	-	-	-	-
01/15/08	-	-	-	<5.6	<0.15	<0.12	<0.09	<0.26	-	804	54	3.2 J	45	11	128	
01/25/08	2,109,820	2,961,839	246	Restart sytem after QWS						-	-	-	-	-	-	-
02/01/08	2,119,680	2,971,699	1,409	-	-	-	-	-	-	-	-	-	-	-	-	
02/08/08	2,129,200	2,981,219	1,360	-	-	-	-	-	-	97,800	183	16,900	3,510	20,400	<1.9	
02/15/08	2,138,190	2,990,209	1,284	-	-	-	-	-	-	-	-	-	-	-	-	
02/22/08	2,139,640	2,991,659	207	-	-	-	-	-	-	-	-	-	-	-	-	
02/29/08	2,143,260	2,995,279	517	-	-	-	-	-	-	-	-	-	-	-	-	
03/05/08	2,148,020	3,000,039	952	-	-	-	-	-	-	-	-	-	-	-	-	
03/14/08	2,163,950	3,015,969	1,770	-	-	-	-	-	-	6,160	36	1,070	18	1,290	27	
03/26/08	2,164,230	3,016,249	23	-	-	-	-	-	-	-	-	-	-	-	-	
03/27/08	2,165,320	3,017,339	1,090	-	-	-	-	-	-	-	-	-	-	-	-	
04/23/08	2,165,360	3,017,379	1	<6.6	<0.15	<0.12	<0.09	<0.26	-	-	-	-	-	-	-	
05/02/08	2,174,340	3,026,359	998	-	-	-	-	-	-	-	-	-	-	-	-	
05/09/08	2,196,620	3,048,639	3,183	-	-	-	-	-	-	-	-	-	-	-	-	
05/16/08	2,196,620	3,048,639	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/23/08	2,196,620	3,048,639	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/05/08	2,196,620	3,048,639	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/10/08	2,198,960	3,050,979	468	-	-	-	-	-	-	-	-	-	-	-	-	
06/20/08	2,205,410	3,057,429	645	-	-	-	-	-	-	-	-	-	-	-	-	
06/25/08	2,213,010	3,065,029	1,520	-	-	-	-	-	-	26,600	54	721	629	4,320	<0.19	
07/03/08	2,221,620	3,073,639	1,076	-	-	-	-	-	-	-	-	-	-	-	-	
07/09/08	2,230,580	3,082,599	1,493	<6.6	<0.18	<0.24	<0.21	<0.45	-	6,220	103	655	188	1,040	<1.9	
07/18/08	2,231,140	3,083,159	62	-	-	-	-	-	-	-	-	-	-	-	-	
07/25/08	2,237,110	3,089,129	853	-	-	-	-	-	-	-	-	-	-	-	-	
08/04/08	2,237,120	3,089,139	1	-	-	-	-	-	-	-	-	-	-	-	-	
08/08/08	2,240,350	3,092,369	808	-	-	-	-	-	-	9,480	65	1,080	375	2,120	<0.19	

TABLE 3
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
08/22/08	2,249,810	3,101,829	676	-	-	-	-	-	-	-	-	-	-	-	-
08/24/08	2,255,420	3,107,439	2,805	-	-	-	-	-	-	-	-	-	-	-	-
09/04/08	2,261,960	3,113,979	595	-	-	-	-	-	-	-	-	-	-	-	-
09/11/08	2,264,120	3,116,139	309	-	-	-	-	-	-	-	-	-	-	-	-
09/18/08	2,270,870	3,122,889	964	-	-	-	-	-	-	-	-	-	-	-	-
09/24/08	2,270,960	3,122,979	15	<6.6	<0.18	<0.24	<0.21	<0.45	-	Split-sample results during EBMUD inspection & sampling					
09/26/08	2,272,540	3,124,559	790	-	-	-	-	-	-	-	-	-	-	-	-
10/03/08	2,280,060	3,132,079	1,074	-	-	-	-	-	-	-	-	-	-	-	-
10/08/08	2,286,630	3,138,649	1,314	-	-	-	-	-	-	-	-	-	-	-	-
10/16/08	2,294,110	3,146,129	935	-	-	-	-	-	-	-	-	-	-	-	-
10/28/08	2,307,750	3,159,769	1,137	-	-	-	-	-	-	8490	100	1130	308	1680	11
11/07/08	2,316,370	3,168,389	862	-	-	-	-	-	-	-	-	-	-	-	-
11/14/08	2,322,890	3,174,909	931	-	-	-	-	-	-	-	-	-	-	-	-
11/21/08	2,330,420	3,182,439	1,076	-	-	-	-	-	-	-	-	-	-	-	-
11/26/08	2,337,570	3,189,589	1,430	-	-	-	-	-	-	-	-	-	-	-	-
12/05/08	2,344,350	3,196,369	753	-	-	-	-	-	-	-	-	-	-	-	-
12/10/08	2,351,080	3,203,099	1,346	-	-	-	-	-	-	-	-	-	-	-	-
12/18/08	2,358,770	3,210,789	961	-	-	-	-	-	-	-	-	-	-	-	-
12/19/08	2,358,920	3,210,939	150	-	-	-	-	-	-	-	-	-	-	-	-
12/23/08	2,366,510	3,218,529	1,898	<6.6	<0.18	<0.24	<0.21	<0.45	-	8230	60	1730	279	1720	3.8

WD PERMIT LIMITS:	NE	5.0	5.0	5.0	5.0	NE
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Note:
 < = less than laboratory detection level indicated
 - = no sample / not analyzed
 NE = Permit Limit not established
 In February 2000, the total cumulative discharge amount was corrected to reflect all system maintenance and flowmeter changeouts since the startup of the system. The total number may be different from previous versions of this table.

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

ATTACHMENT C

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

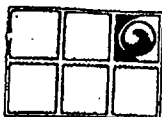
Sample ID	Date Sampled	ANALYTICAL PARAMETERS					
		TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	MTBE (mg/Kg)
<i>ESLs shallow soil (< 3m bgs)</i>		100	0.044	2.9	3.3	2.3	0.023
<i>ESLs deep soil (>3m bgs)</i>		100	0.044	2.9	3.3	2.3	0.023
MW1-17	6/21/1986	471	7.6	6.3	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

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)	MTBE (mg/Kg)
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	2.6	<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
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

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

ATTACHMENT D



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Well Number MW 1

Drilling Log

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 4-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
8		A	7 8 9		Brown gray clay, dry, stiff, very slight odor
10				CL	
12		B	6 7 8		Blue gray gravelly clay, dry, stiff, moderate odor
14					
16					▼ 6/21/86
18		C	15 12 16		Blue gray gravelly (coarse) clay, dry, very stiff, moderate odor
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 30					Brown silty, gravelly clay, dry, very stiff, no odor
					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

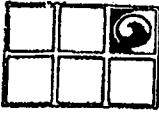
Driller L. Pera Log by B. Channell

Sketch Map

Notes

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

▼ 6/21/86



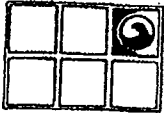
GROUNDWATER TECHNOLOGY

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.

Well Number MW 3

Drilling Log

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
0-2					Peagravel, no odor
2-4					Black clay, stiff, no odor
4-6					Brown tan clay, dry, stiff, no odor
6-8					
8-10			A 4 7 8	CL	Brown gray silty clay, dry, stiff, no odor
10-12					
12-14			B 3 4 5		Note: Odor detected Brown gray silty clay, dry, medium stiff, moderate odor
14-16					
16					▼ 6/21/86
16-18					
18-20			C 3 5 6		Brown gray gravelly (coarse) clay, moist, stiff, no odor
20-22					
22-24				CL	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.

Project No.: 90390A

Date: 11-13-86

Elevation.

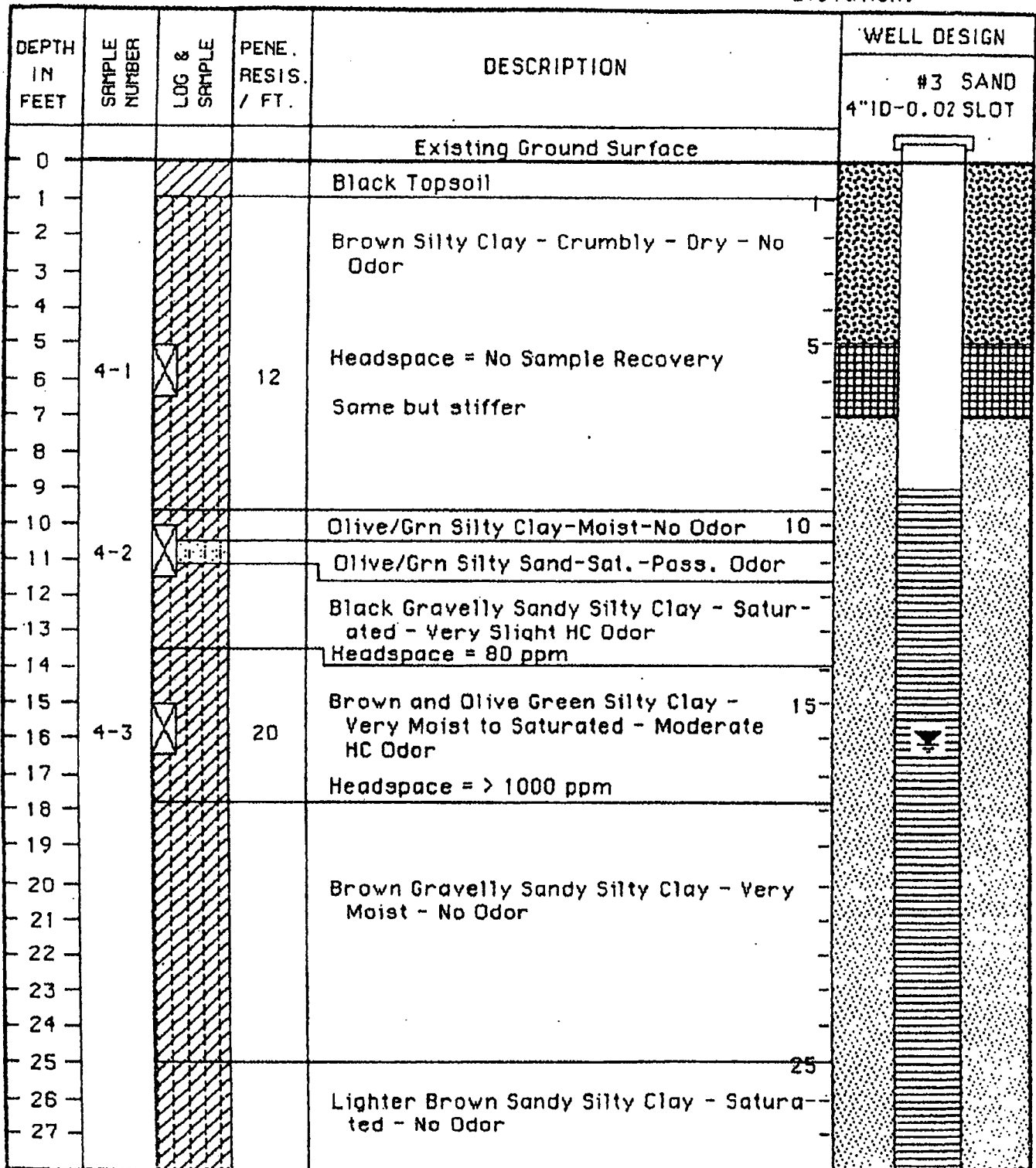


Figure 3A - Test Boring Log No. 1
 - Monitoring Well No. MW-4

Woodward-Clyde Consultants

Project No.: 90390A

Date: 11-13-86

DEPTH IN FEET	SAMPLE NUMBER	LOG & SAMPLE	PENE. RESIS. / FT.	DESCRIPTION	Elevation	
					WELL DESIGN	
				28 Feet Below Existing Ground Surface		
28						
29				Light Brown Sandy Silty Clay -		
30				Saturated - No Odor		
31				Bottom of Boring at 30 ft.	30	
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.

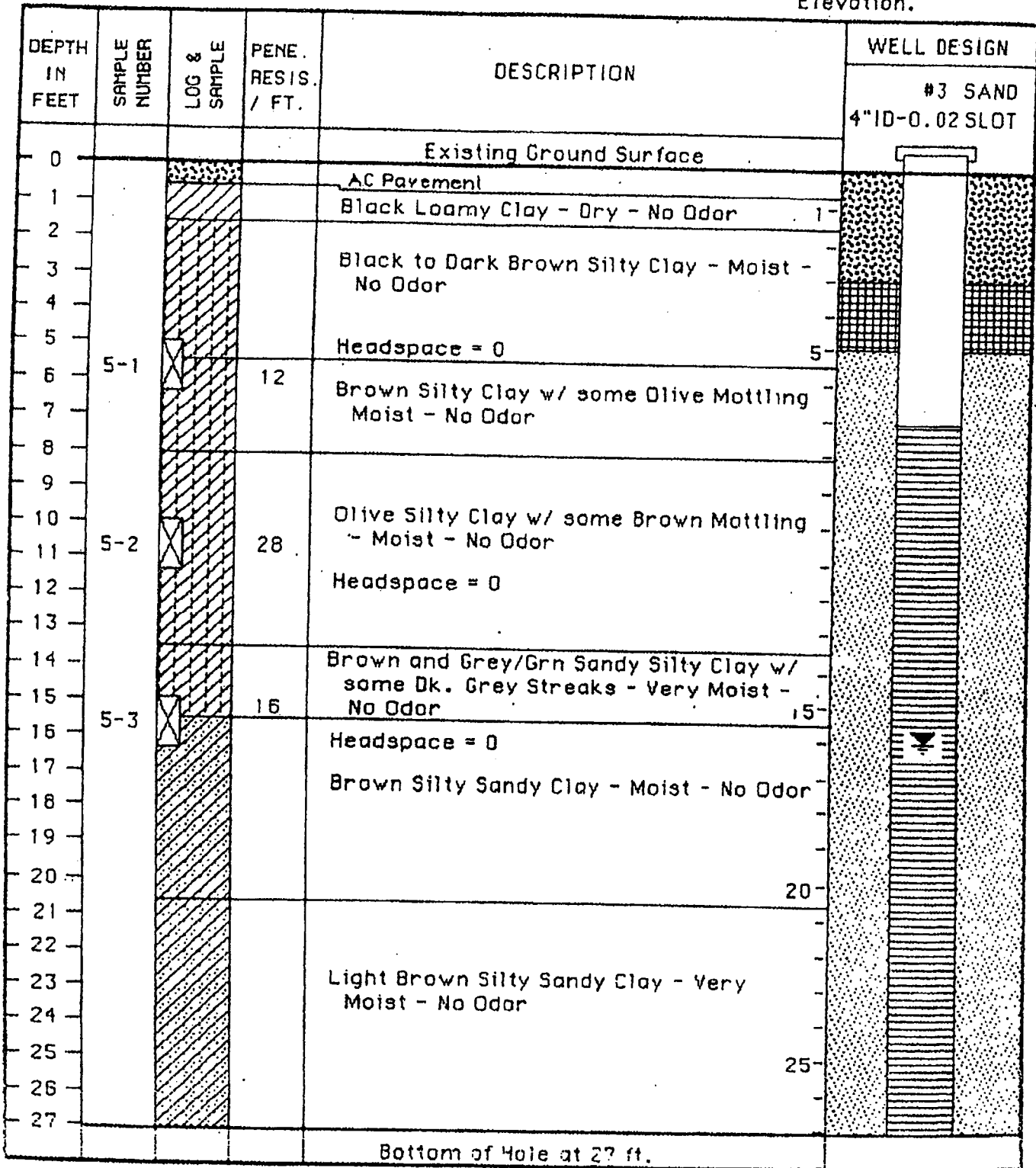


Figure 4 - Test Boring Log No. 2
- Monitoring Well No. MW-5

Woodward-Clyde Consultants

Project No.: 90390A

Date: 11-13-86

Elevation.

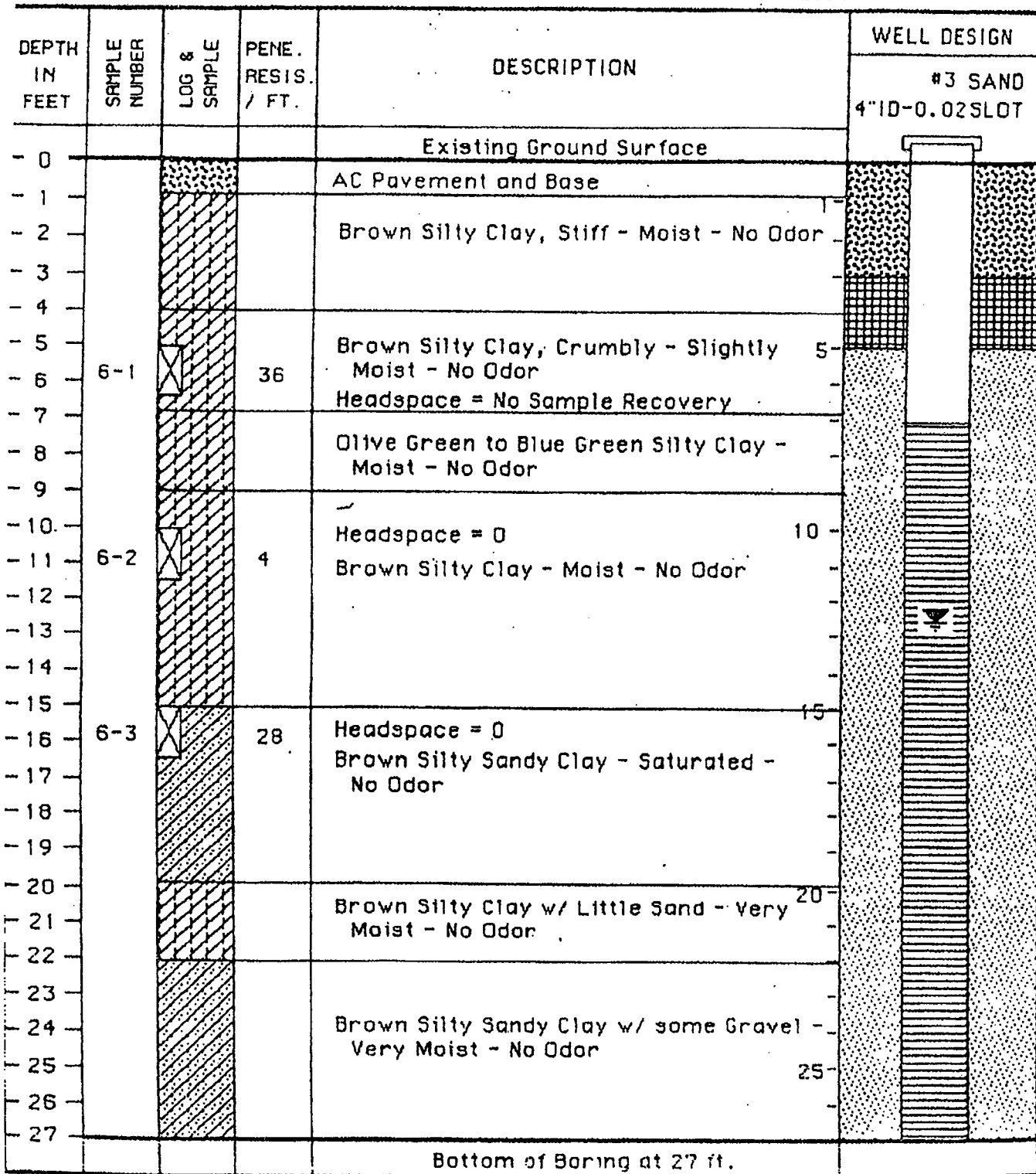


Figure 5 - Test Boring Log No. 3
 - Monitoring Well No. MW-6

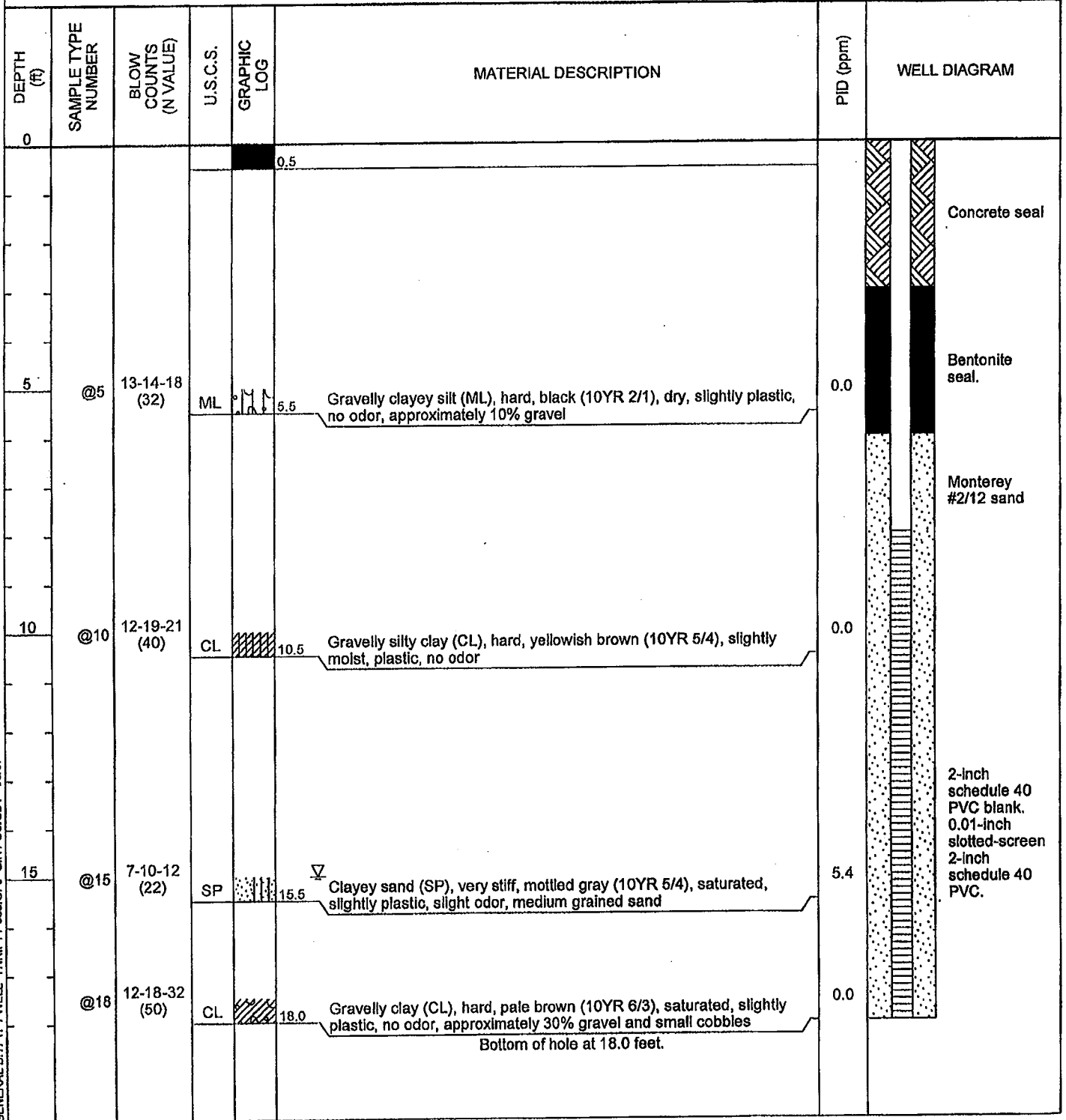
Woodward-Clyde Consultants

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

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
0							
			ML		0.5 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	Bentonite seal.
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	Monterey #2/12 sand
10	@10	9-9-10 (19)	CL		10.5 Gravelly silty clay (CL), very stiff, brown (10YR 5/3), slightly moist, plastic, slight odor, gray mottles	0.7	
15	@15	10-10-11 (21)	SP		15.5 ∇ Clayey sand (SP), medium dense, gray (5YR 6/1), saturated, slightly plastic, moderate odor, fine grained sand	370	
	@18	18-21-24 (45)	SP		18.5 Clayey sand (SP), dense, gray (5YR 6/1), saturated, slightly plastic, moderate odor, fine grained sand		2-inch schedule 40 PVC blank. 0.01-inch slotted-screen 2-inch schedule 40 PVC.
					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 U.S.GDT 4/5/07

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							@ 10' strong petroleum odor noted	500 ppm
16	Ss	29					NATURAL GROUND: BEDROCK: Green, weathered SILTSTONE with Reddish brown siltstone fragments	
20							wet, very stiff, strong petroleum odor noted	500 ppm
20		14					@ 20' strong petroleum odor noted	500 ppm
25							TOTAL DEPTH: 21 FEET	
30							NO GROUNDWATER	
35								
40								

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

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. <u>B-2</u>	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: 13-6782-018-00-00

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		13	■				NATURAL GROUND: WEATHERED BEDROCK Brown CLAY with silt, damp, stiff slight petroleum odor	40 ppm
10	CL	14	■				@ 10' becomes moist, slight petroleum odor noted	60 ppm
15		10	■				@ 15' drive sample not recovered slight petroleum odor noted	160 ppm
20		15	■				@ 20' drive sample not recovered slight petroleum odor noted	170 ppm
25							TOTAL DEPTH: 21 FEET NO GROUNDWATER	
30								
35								
40								

JOB NO: 13-5782-012-00-00

LOG OF BORING

FIGURE: B-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	DESCRIPTION	SOIL TEST GASTECHTOR READING in ppm
0								ASPHALT COVER	
0 - 6	CL	12	█					FILL: Dark brown-black CLAY with SILT, damp, stiff, construction debris. Noted, no petroleum odor	50 ppm
6 - 10								NATURAL GROUND: WEATHERED BEDROCK	
10 - 16		15	█					Grey mottled Red-Brown, silty CLAY, damp, stiff, no petroleum odor	100 ppm
16 - 20		12	█						150 ppm
20 - 21		36	█					BEDROCK: Reddish brown weathered SILTSTONE wet, hard, no petroleum odor	50 ppm
21 - 40								TOTAL DEPTH: 21 FEET NO GROUNDWATER	

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.
	Mst	27	34	8			ML	CLAYEY SILT: dark greenish gray; moderate plasticity; very stiff; faint product odor.
				10			GC	CLAYEY GRAVEL: dark greenish gray; medium dense; faint product odor.
	Wt-Sat	1,271	39	16				@15': as above; moderate product odor.
	Sat	10	40	20			GP	SANDY GRAVEL: reddish brown; 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-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				2			FL	ASPHALT 3"
		Dp	0	4				SAND - FILL MATERIAL: no product odor.
				6				
		Mst	101	24	10		SM	SILTY SAND: dark olive gray; medium dense; faint to moderate product odor.
					12			
				14				
				16			CL	GRAVELLY CLAY: dark greenish gray; moderate plasticity; moderate product odor.
				18				
				20			GP	SANDY GRAVEL: yellowish brown; dense; faint product odor.
		Sat	23	38				
				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-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. @5': as above; no product odor. @10': as above; faint product odor.
	Mst	93	8	10			
	Wt-Sat	671	27	16		CL	SANDY CLAY: olive; moderate plasticity; very stiff; faint to moderate product odor.
	Sat	32	16	20		GP	SILTY GRAVEL: dark reddish brown; medium dense; no product odor. BOTTOM OF BORING AT 20.5'

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.
	Mst	127	30	10		CL	SANDY CLAY: olive brown; moderate plasticity; very stiff; moderate product odor.
	Wt-Sat	832	38	16		SC	CLAYEY SAND: olive; medium dense; moderate product odor.
	Sat	10	29	20		SM	SILTY SAND: strong brown; medium dense; no product odor.
				22			
				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	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-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: 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"
				4			CL	GRAVELLY CLAY: light yellowish brown with gray staining; low to moderate plasticity; moderate product odor.
				8			CL	SILTY CLAY: dark olive with gray mottling; moderate plasticity; no product odor.
	Mst	0		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	[Hatched]	[Hatched]	CL	CONCRETE 5"; FILL MATERIAL 1' CLAY: black; high plasticity; faint product odor.
		Mst	0		4			CL	SILTY CLAY: light olive brown with gray staining along rootholes; no product odor. @10': as above; no product odor. BOTTOM OF BORING AT 10'
					6				
					8				
					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-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	Concrete 4" / Fill Material 8"	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'
				24			
				26			
				28			
				30			
				32			
				34			
				36			
				38			
				40			
				42			
				44			

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	4			CL	CLAY: black; moderate to high plasticity; faint product odor.
				6				
	Mst	237	32	10			GC	SILTY CLAY: olive gray with light bluish gray staining; very stiff; faint to moderate product odor.
				12				
	Wt	0	35	16			SC	CLAYEY GRAVEL: dark olive gray; medium dense; moderate product odor.
			18					
			20				GP	CLAYEY SAND: yellowish brown; medium dense; no product odor.
	Sat	0	22	20			CL	SANDY GRAVEL: strong brown; medium dense; no product odor.
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 20.5'

ATTACHMENT E

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
COMPOUND

MW-7				
DEPTH	5	10	15	18
TPHg	<0.022	<0.022	710	13
B	<0.00032	<0.00032	<0.00032	<0.00032
T	<0.00038	<0.00038	<0.00038	<0.00038
E	<0.00032	<0.00032	5.9	4.7
X	<0.0007	<0.0007	10.6	9.0
MTBE	<0.00035	<0.00035	<0.00035	<0.00035
EDB	<0.00036	<0.00036	<0.00036	<0.00036
EDC	<0.00043	<0.00043	<0.00043	<0.00043
EIOH	<20	<20	<20	<20
MeOH	<20	<20	<20	<20

MW-8				
DEPTH	5	10	15	18
TPHg	<0.022	<0.022	<0.022	<0.022
B	<0.00032	<0.00032	<0.00032	<0.00032
T	<0.00038	<0.00038	<0.00038	<0.00038
E	<0.00032	<0.00032	<0.00032	<0.00032
X	<0.0007	<0.0007	<0.0007	<0.0007
MTBE	<0.00035	<0.00035	<0.00035	<0.00035
EDB	<0.00036	<0.00036	<0.00036	<0.00036
EDC	<0.00043	<0.00043	<0.00043	<0.00043
EIOH	<20	<20	<20	<20
MeOH	<20	<20	<20	<20

RESIDENTIAL

61ST STREET

TELEGRAPH AVENUE

6101 TELEGRAPH AVE.

COMMERCIAL

STA #063
BLDG

EXISTING
UST

DISPENSER
ISLAND

EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊕ ABANDONED GROUNDWATER MONITORING WELL
- ⊙ SOIL BORING

NOTE: FORMER TANKS AND DISPENSERS WERE IN THE SAME LOCATION AS EXISTING TANKS AND DISPENSERS

0 30
APPROXIMATE SCALE
IN FEET

EQUIPOISE
CORPORATION

1401 North El Camino Real, Suite 107
San Clemente, California 92672
Phone: 949 368 0276
Fax: 949 368 0261

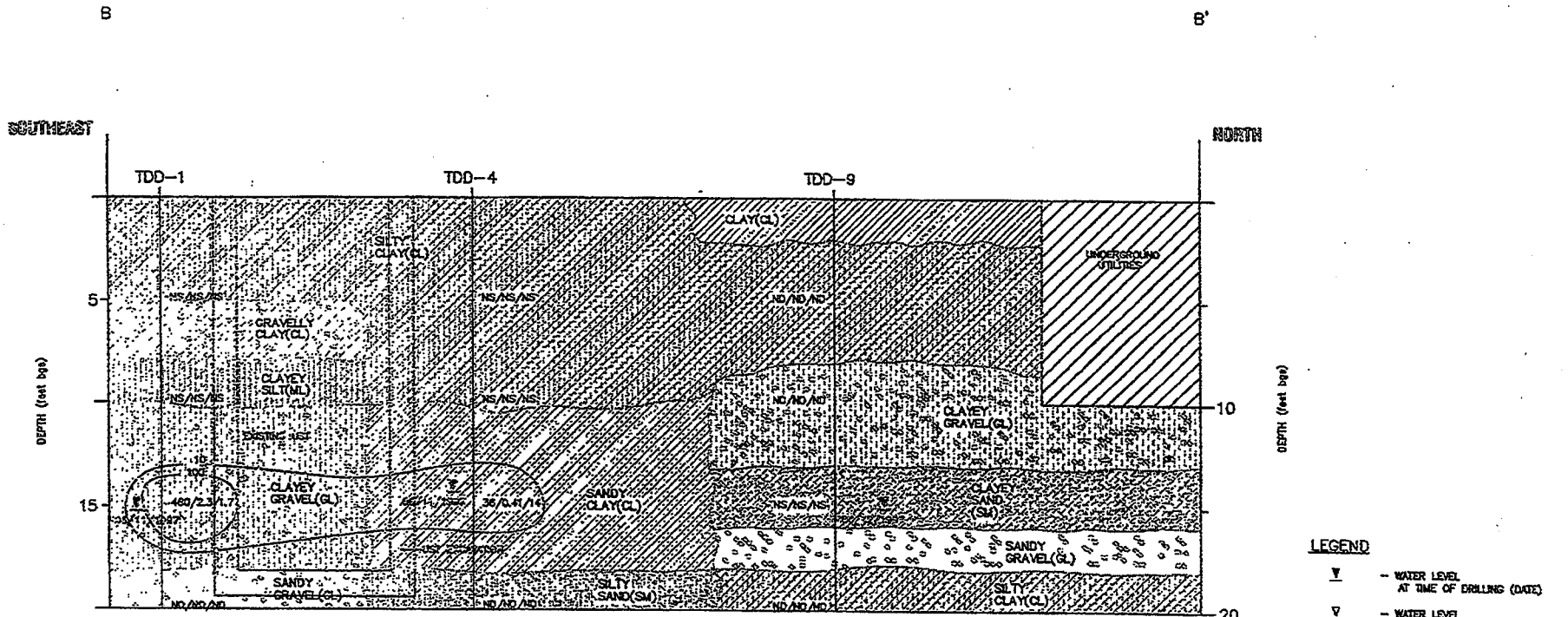
SITE PLAN WITH SOIL SAMPLE RESULTS

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE: **2**
SHEET: **0**
REVISION NO: **0**
DATE: **03/07**

PROJECT NO.

VIEW SOUTHWEST



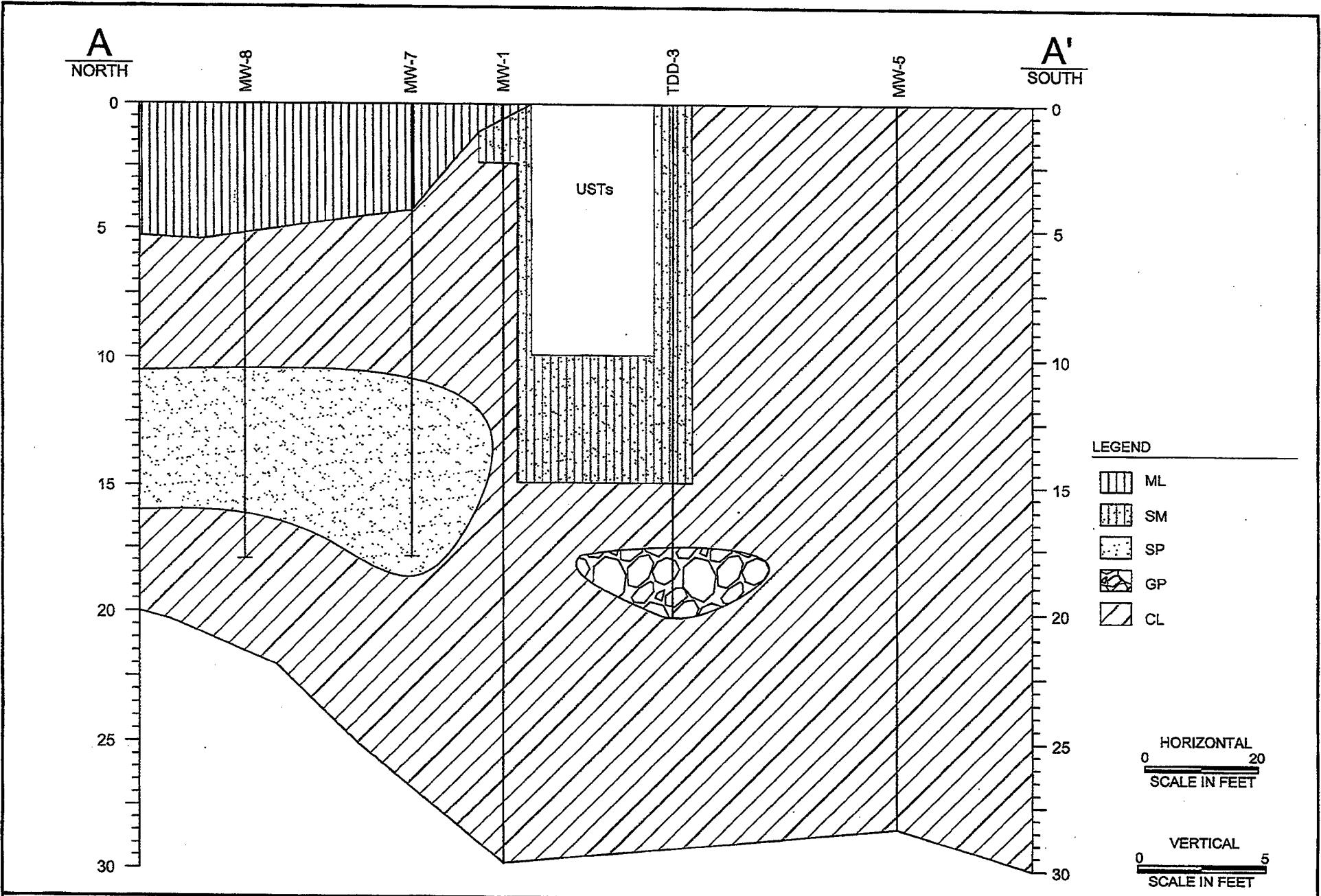
- LEGEND**
- ∇ - WATER LEVEL AT TIME OF DRILLING (DATE)
 - ∇ - WATER LEVEL MOST RECENT (DATE)
 - NO/NO/NO - TPH₄/BENZENE/MTBE CONCENTRATIONS in mg/kg
 - ND - NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
 - NS - NOT SAMPLED
 - 100 - TPH₄ SOIL CONTOUR in mg/L

GMC: 1332

DATE: 03/27/09

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

FIGURE 3B
GEOLOGIC CROSS-SECTION B-B
THRIFTY SERVICE STATION #063
 6125 Telegraph Avenue
 Oakland, CA



EQUIPOISE
CORPORATION

1401 El Camino Real, Suite 107
San Clemente, California 92672
Phone: 949 366 0266
Fax: 949 366 0281

X-SECA_Thrifty 063.dwg

CROSS-SECTION A-A'
Thrifty Service Station #: 063
6125 TELEGRAPH AVE
OAKLAND, CA

FIGURE:

3A

REVISION NO:

DATE: 04/07