

THRIFTY OIL CO.

January 4, 2011

O.1111

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

Local #RO0000005
RWQCB #01-1479
EDF # 5585092008

RECEIVED

9:36 am, Jan 06, 2011

Alameda County
Environmental Health

RE: Former Thrifty Oil Co. Station #063
ARCO Products Company Station #9542
6125 Telegraph Avenue
Oakland, CA
Second Semester 2010, Status Report

Dear Mr. Khatri:

Presented herein is the Second Semester 2010, Status Report prepared for former Thrifty Oil Co. (Thrifty) Station #063 located at 6125 Telegraph Avenue, Oakland, California (**Figure 1**). This report includes the results of the semi-annual groundwater-monitoring program and ongoing remediation conducted during the Second Semester 2010. Thrifty has retained the services of Earth Management Company (EMC) to conduct semi-annual monitoring and sampling, and remediation system operation and maintenance activities at this site.

On November 9, 2010, Thrifty mailed an *Amendment to the Access Agreement* (Amendment) to the property owners of 6101 Telegraph Avenue, Oakland, CA. The Amendment requested access to the property to install the soil boring/ vapor sample locations SB-2/SV-1 and SV-4 proposed in the *Additional Site Assessment Workplan* dated February 18, 2009 (**Figure 1A**). Thrifty called the telephone number supplied by the property owners and spoke to "Albert" (claiming to be the son-in-law of the owners) who said that the owners were currently out of the country. Thrifty will proceed with the on-site and off-site assessment proposed in the *Additional Site Assessment Workplan* (ASAW) dated February 18, 2009, the *Addendum to the Additional Site Assessment Workplan* (Workplan Addendum) dated September 13, 2010, and the *Revised Addendum to the Additional Site Assessment Workplan* (Revised Workplan Addendum) dated November 18, 2010, as soon as the Alameda County Health Care Services (ACHCS) provides approval for the Revised Workplan Addendum and we have received the executed Amendment, allowing us to access the property located at 6101 Telegraph Avenue, Oakland, CA. Your assistance in this matter would be greatly appreciated.

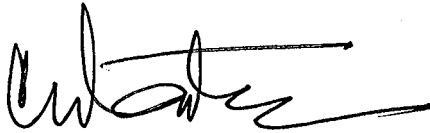


13116 Imperial Hwy, Santa Fe Springs, CA 90670-0138 • Ph: (562)921-3581

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.

Should you have any questions regarding this report, please contact Simon Tregurtha (562) 921-3581 Ext. 260 or the undersigned at Ext 390.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Chris Panaitescu', with a long horizontal stroke extending to the right.

Chris Panaitescu
General Manager
Environmental Affairs

cc: BP West Coast Products LLC; Mr. John Skance
File

Summary of Monitoring and Sampling Activities

Thrifty Oil Co. Station #063

Second Semester 2010

Reporting Period: 07/01/2010 to 12/31/2010

Site Information:

Site address:	TOC SS #063 (ARCO #9542) 6125 Telegraph Avenue Oakland, CA
Global ID No.:	T0600101366
EDF Confirmation No.:	5585092008
Lead Agency No.:	Local #RO0000005
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Paresh Khatri / 510 383-1767
Project Manager:	Simon Tregurtha / 562-921-3581 Ext. 260

Field Activity:

Groundwater wells onsite:	5
Groundwater wells offsite:	2
Date(s) monitored:	November 10, 2010
Date(s) sampled:	November 10, 2010
Groundwater wells gauged:	7
Groundwater wells sampled:	7
Purging method:	Bailer / Pump
Treatment / disposal method during sampling event:	Existing groundwater treatment system
Groundwater wells with free product:	0
Free product thickness (feet):	NA
Free product bailouts other than sampling event:	NA
Treatment / disposal method/free product bailouts:	NA

Site Hydrogeology (based on November 10, 2010 data):

Depth to groundwater (feet bgs):	10.12 to 14.09
Groundwater elevation (feet above mean sea level):	134.77 to 138.26
Groundwater gradient and flow direction:	Southwest at approximately 0.06 ft./ft.
Consistent with previous reporting period:	No

Groundwater Conditions (based on November 10, 2010 data):

TPHg concentration (ug/L):	ND<6.6 to 29,800
Benzene concentration (ug/L):	ND<0.18 to 1.0
Toluene concentration (ug/L):	ND<0.24 to 1.3 J
Ethyl benzene concentration (ug/L):	ND<0.21 to 2,400

Total Xylenes concentration (ug/L):	ND<0.45 to 10,300
MTBE concentration (ug/L):	ND<0.19 to 96
DIPE concentration (ug/L):	All wells ND<0.20
ETBE concentration (ug/L):	All wells ND<0.23
TAME concentration (ug/L):	ND<0.19 to 6.1
TBA concentration (ug/L):	ND<5.2 to 739

Remediation Activity (1) :

Activity:	Soil excavation during UST removal
When Occurred:	February and March 1998
Hydrocarbon impacted soil removed (tons)	977.22

Remediation Activity (2):

System type:	5-Day and 30-Day Mobile HVDPE events
Period Conducted:	5/3/10 through 5/8/10 and 9/13/10 through 10/13/10
Operation this Semester (hrs):	720
Cumulative Operation (hrs):	120 +720 = 840
GW removed this semester via Mobile HVDPE:	12,570 (included in GWPT discharge total)
Cumulative GW removed via Mobile HVDPE	18,290
Pounds of vapor phase hydrocarbons removed this semester:	291.80
Cumulative pounds of vapor phase hydrocarbons removed:	307.6

Remediation Activity (3):

System type:	GWPT
System start-up:	4/8/1991
GW discharge this semester (gal.):	27,540 (6/15/10 to 12/22/10)
Total GW discharge (gal.):	3,359,909 (through 12/22/10)

Total Remediation Achievements through December 22, 2010

Total gallons of groundwater removed:	3,359,909
Total pounds of vapor phase hydrocarbons removed	307.6
Total tons of hydrocarbon impacted soil removed	977.22

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well on a semi-annual basis. Groundwater monitoring well locations are presented in **Figure 1**. A groundwater elevation contour map based on the November 10, 2010, groundwater monitoring data is presented in **Figure 2**. The groundwater flow direction is to the southwest at an approximate gradient of 0.06 feet/foot.

Semi-Annual Groundwater Sampling

As part of the ongoing groundwater-monitoring program, groundwater samples were obtained from monitoring wells MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, and MW-8 on November 10, 2010. Groundwater samples were collected by Earth Management Company (EMC) and delivered in a chilled state following strict Chain-of-Custody procedure to a state-certified laboratory. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B, and for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) and other oxygenates by EPA Method 8260B. Laboratory analytical results are provided in the **Summary Table, Table 1** and **Table 2**. Copies of the Field Status Reports for groundwater sampling are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

Laboratory results for the groundwater samples collected on November 10, 2010 indicate that the highest concentrations of TPHg and benzene were detected in well MW-7 at 29,800 micrograms per liter ($\mu\text{g/L}$) and 1.0 $\mu\text{g/L}$. The highest MTBE, TAME and TBA concentrations were detected in well MW-4 at 96 $\mu\text{g/L}$, 6.1 $\mu\text{g/L}$ and 739 $\mu\text{g/L}$, respectively. All other oxygenated compounds were not detected at or above laboratory detection limits in any of the wells.

TPHg, benzene, MTBE, and TBA isoconcentration maps were prepared using results from the November 10, 2010 groundwater sampling and monitoring event, and the results are presented in **Figures 3, 4, 5, and 6**, respectively.

In general, Second Semester 2010 concentrations in wells MW-3 and MW-4 decreased significantly when compared to First Semester 2010 concentrations and even more so when compared to Second Semester 2009 concentrations. Concentrations in wells MW-1, MW-5, MW-6 and MW-8 were non-detect for all hydrocarbon constituents in the Second Semester 2010 and First Semester 2010 (with the exception of TBA in well MW-5 at 23 $\mu\text{g/L}$). In general, concentrations in well MW-7 decreased in the First Semester 2010 when compared to the Second Semester 2009 but increased to concentrations similar to the Second Semester 2009 levels in the Second Semester 2010. Thrifty believes that the significant decrease in groundwater concentrations as noted above were due to the ongoing groundwater remediation conducted at the site and the continuous 5-Day mobile high vacuum dual phase extraction (HVDPE) event conducted from May 3, 2010 through May 8, 2010 and the 30-Day mobile HVDPE event conducted from September 13 through October 13, 2010, combined with natural attenuation and biodegradation.

Remediation Status

Site remedial activities were initiated in April 1991. Currently, the remediation system consists of a Groundwater Treatment System that extracts groundwater from monitoring wells MW-3 and MW-4 with treatment utilizing activated carbon. System operational data is included in **Table 3**. Copies of the Field Status Reports for groundwater remediation system are presented in **Appendix C**, and copies of the laboratory analytical reports are contained in **Appendix D**. During the current reporting period (from June 15, 2010 through December 22, 2010), the groundwater treatment system processed approximately 27,540 gallons (which includes the 12,570 gallons removed and treated during the continuous 30-day HVDPE event conducted from September 13, 2010 through October 13, 2010) and has treated approximately 3,359,909 gallons of groundwater since start-up (April 1991). The system was upgraded in the Second Quarter 2005,

when a pump was replaced in well MW-3 and MW-4 was added to the extraction well array.

Other Activities

According to the *Underground Storage Tank Removal Report* prepared by Pacific Environmental Group, Inc. and dated August 31, 1998, 977.22 tons of hydrocarbon impacted soil was removed from the site during underground removal activities completed in February and March 1998. The soils were transported to TPS Technologies, Inc. located in Adelanto, California for final disposal.

In a letter received by Thrifty dated December 7, 2005, the Alameda County Health Care Services (ACHCS) requested site information including depth to water, groundwater flow direction, dissolved constituents concentrations, well screen levels, plume stability, and if active remediation was occurring onsite. Thrifty provided the requested information on January 10, 2006. The ACHCS also requested that a site conceptual model (SCM) be prepared for the site; Thrifty uploaded the SCM to the ACHCS FTP website and to Geotracker on April 26, 2006.

In a letter received by Thrifty dated October 24, 2006, the ACHCS requested a Revised SCM (RSCM) and an offsite investigation workplan (Workplan). On behalf of Thrifty, Equipoise Corporation uploaded the RSCM and Workplan to the California Geotracker website and the ACHCS FTP website on November 29, 2006. Subsequently, the ACHCS sent a letter to Thrifty dated December 21, 2006 approving the Workplan for down-gradient off-site assessment. On February 22, 2007, two downgradient groundwater monitoring wells (MW-7 and MW-8) were installed on the adjacent property located to the south of the Site by Test America of Rancho Cordova, California under the supervision of Equipoise Corporation. Results of the additional site assessment were presented in a *Site Assessment/Well Installation Report*, submitted to ACHCS on April 5, 2007.

In an effort to reduce hydrocarbon contamination in the soil and groundwater beneath the site and to move the site towards closure, Thrifty proposed the implementation of a continuous 5-day high vacuum dual-phase extraction (HVDPE) event (with possible additional events to be performed based upon results). The HVDPE was proposed in the Second Quarter 2008 Status Report dated July 2, 2008 and at that time Thrifty indicated that it would submit a workplan detailing the proposed Interim Remedial Action upon your approval. The ACEHS did not respond to Thrifty's proposal and on September 2, 2008 (after waiting 60-days and under the 60-day rule) Thrifty submitted a Remedial Action Plan (RAP). The RAP proposed performing a five consecutive day (24-hours/day) multi-phase extraction (MPE) event to reduce the hydrocarbon concentrations beneath the site. As an alternative to the HVDPE event proposed in the Second Quarter 2008 Status Report, the RAP proposed to utilize the existing groundwater treatment system in combination with a mobile soil vapor extraction (SVE) unit to facilitate the MPE event. The proposed MPE event would be as technically effective as the HVDPE and much more cost-effective by utilizing the existing system for treatment and discharge of groundwater to the sewer (rather than incurring Baker Tank and offsite disposal costs).

Following a review of the September 2, 2008 RAP and April 5, 2007 SAR, the ACHCS issued a letter dated December 29, 2008 (Letter). The ACHCS Letter requested that several outstanding issues be addressed prior to implementing the RAP, including delineating the downgradient extent of the contamination plume, defining the extent of the source area soil contamination, and evaluating the associated human health risks. The Letter also requested an explanation for fluctuating groundwater treatment system influent concentrations.

On February 4, 2009, Thrifty submitted a Response Letter that addressed several statements and comments included in Item 4 of the Technical Comments Section of the December 29, 2008 ACHCS Letter. The Response Letter included clarification of statements made by both Thrifty and the ACHCS regarding peak concentrations detected in the influent stream of the groundwater treatment system.

On February 18, 2009, Thrifty submitted an *Additional Site Assessment Workplan* (ASAW), in response to the December 29, 2008 ACHCS Letter, which 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 hydrocarbon plume downgradient of the site; (3) collect soil vapor samples to assess the potential risk to on-site and offsite receptors. To comply with the directives in the Letter, the ASAW proposed collecting four soil vapor samples (SV-1 through SV-4) 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.

On February 9, 2010, Thrifty submitted a *Notification of Intent to Proceed with the Proposed Five Consecutive (24-hour/day) Multi-Phase Extraction Event* (Notification Letter). The Notification Letter indicated that Thrifty would proceed with the implementation of the Five Consecutive Day MPE event under the "60-day rule" if no response was received from the ACHCS by April 10, 2010.

On June 9, 2010, Thrifty submitted a *Continuous 5-Day Mobile High Vacuum Dual Phase Extraction Report and Workplan to Conduct a Continuous 30-Day Mobile High Vacuum Dual Phase Extraction Event* (HVDPER/WP). The HVDPER/WP summarized the results of the continuous 5-day mobile HVDPE event and recommended an additional continuous 30-day HVDPE event to remove residual contamination from the subsurface soils at the site. During the continuous 5-day HVDPE event conducted from May 3, 2010 through May 8, 2010, 15.80 pounds of vapor hydrocarbons were removed and destroyed and 5,720 gallons of groundwater were removed and discharged through the existing groundwater treatment system.

In their letter dated August 26, 2010, the ACHCS approved the proposed 30-Day mobile HVDPE event. The HVDPE event was conducted by CalClean Inc., between September 13 and October 13, 2010, in accordance with the *Continuous 5-Day Mobile High Vacuum Dual Phase Extraction Report and Workplan to Conduct a Continuous 30-Day Mobile High Vacuum Dual-Phase Extraction Event* (Workplan) dated June 9, 2010.

On November 2, 2010, Thrifty submitted a *High Vacuum Dual Phase Extraction and Request for Low Risk Closure* (HVDPE) report, dated October 21, 2010, and prepared by CalClean Inc. (CalClean) which summarized the results of the continuous 30-Day (24-hour/Day) mobile HVDPE event conducted from September 13 to October 13, 2010

On November 18, 2010, Thrifty submitted a *Revised Addendum to the Additional Site Assessment Workplan* (Revised Workplan Addendum) in response to a telephone conversation between Mr. Paresh Khatri of the ACHCS and Simon Tregurtha of Thrifty on November 9, 2010. During the November 9, 2010 telephone conversation, Mr. Khatri indicated that he had reviewed Thrifty's November 2, 2010 *High Vacuum Dual-Phase Extraction Report and Request for Low Risk Closure* and was in agreement with Thrifty's request to consider the site for low risk closure. Mr. Khatri stated that the site assessment proposed in the *Additional Site Assessment Workplan* (ASAW) dated February 18, 2009, and *Addendum to the Additional Site*

Assessment Workplan (Workplan Addendum) dated September 13, 2010, was still needed, but the scope of work should be modified to include two soil boring/groundwater grab sample locations to replace the proposed offsite groundwater monitoring well MW-9 was deemed by the agency as being no longer needed. Thrifty proposes installing two offsite soil borings (SB-5 and SB-6) and collecting soil samples and a groundwater grab sample from each of these locations, instead of installing the previously proposed offsite groundwater monitoring well (MW-9) originally proposed in Racine Street (**Figure 1B**) and west of the site. In a letters dated August 26, 2010 and September 30, 2010, the ACHCS conditionally approved the ASAW and Workplan Addendum, respectively. To date, the ACHCS has not given approval for the Revised Workplan Addendum.

Proposed Site Assessment Implementation

Thrifty will proceed with the implementation of the proposed site assessment activities as soon as the ACHCS provides approval for the Revised Workplan Addendum dated, November 18, 2010 and upon receipt of the executed *Amendment to the Access Agreement* for the property located at 6101 Telegraph Avenue, Oakland, CA.

Activities Planned for First Semester 2011

The following activities are planned for next reporting period (First Semester 2011):

- Continue semi-annual groundwater monitoring, sampling; and reporting;
- Continue operations of the groundwater remediation system; and
- Upon receiving the executed *Amendment to the Access Agreement* for 6101 Telegraph Avenue, Oakland, CA, and ACHCS approval for the *Revised Workplan Addendum* dated, November 18, 2010, Thrifty will implement the scope of work outlined in the *Additional Site Assessment Workplan* dated February 18, 2009, *Addendum to the Additional Site Assessment Workplan* (Workplan Addendum) dated September 13, 2010 and the *Revised Addendum to the Additional Site Assessment Workplan* dated November 18, 2010. Thrifty requests agency assistance in gaining access to the property.

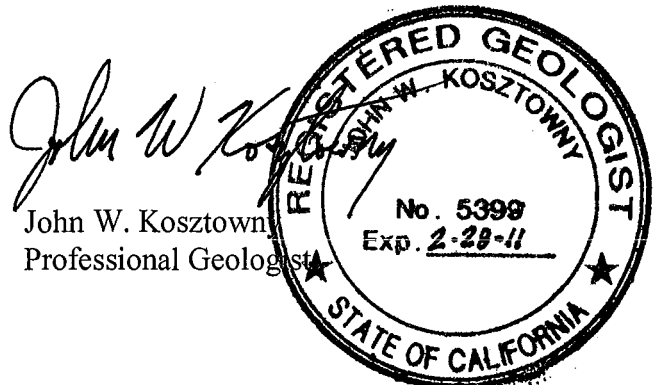
Closing Comments

Interpretations expressed herein are based solely upon data collected and provided by EMC and Associated Laboratories (and by CalClean). Should you have any questions regarding this report or require any additional information, please contact Simon Tregurtha at 562-921-3581, Ext. 260.

Sincerely:



Simon Tregurtha
Project Geologist



TABLES

**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	
			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)	DIA (inch)	SCREEN (feet)
MW-1	ACT	11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	12.92	29.12	0.00	148.43	135.51	2"	15 - 30
MW-3	ACT	11/10/10	84	<0.18	<0.24	<0.21	2.6 J	51	<0.20	<0.23	<0.19	158	NP	13.42	28.20	0.00	148.94	135.52	6"	15 - 30
MW-4	ACT	11/10/10	469	<0.18	<0.24	1.1 J	15	96	<0.20	<0.23	6.1	739	NP	13.65	29.17	0.00	148.88	135.23	2"	9 - 29
MW-5	ACT	11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	23	NP	14.09	26.22	0.00	149.62	135.53	4"	7 - 27
MW-6	ACT	11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	10.12	26.78	0.00	148.38	138.26	4"	7 - 27
MW-7	ACT	11/10/10	29,800	1.0	1.3 J	2,400	10,300	3.0	<0.20	<0.23	<0.19	<5.2	NP	13.43	17.44	0.00	148.20	134.77	2"	8 - 18
MW-8	ACT	11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<5.2	NP	12.36	18.29	0.00	147.31	134.95	2"	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 between MDL & PQL
NOACC	Presently no access to groundwater well	T	= Toluene	TAME	= Tert-amyl methyl ether	PT	= Product Thickness	NP	= No free product
DEST	Well has been properly destroyed, no longer a conduit to subsurface	E	= Ethylbenzene	TBA	= Tertiary butyl alcohol	GW	= Groundwater		
AB	Groundwater well is abandoned, but not yet destroyed	X	= Total Xylenes						

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
MONITORING WELL #MW-1											
Screen Interval = 15 to 30 feet						Casing Diameter = 2 inches					
11/21/86	-	-	-	-	-	-	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	<0.6	<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
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

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	18.19	0.00	99.34	81.15
01/19/06	1,380	58	<0.10	62	113	33	NP	9.37	0.00	99.34	89.97
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	10.02	0.00	99.34	89.32
07/26/06	8,850	151	649	178	778	133	NP	15.18	0.00	99.34	84.16
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	75	NP	15.13	0.00	99.34	84.21
01/24/07	<5.6	<0.32	3.1 J	1.2 J	6.4	<0.63	NP	13.60	0.00	148.43	134.83
04/24/07	3,090	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	<6.6	<0.18	1.3 J	<0.21	<0.45	<0.19	NP	14.24	0.00	148.43	134.19
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.52	0.00	148.43	132.91
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.28	0.00	148.43	134.15
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.04	0.00	148.43	136.39
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.92	0.00	148.43	135.51

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	#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	#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)

Casing Diameter = 6 inches

11/21/86	-	100	5.1	<1.0	25	-	0.10	16.25	16.15	99.76	95.70
07/22/91	-	-	-	-	-	-	NP	24.00	0.00	99.76	75.76
10/24/91	-	-	-	-	-	-	NP	18.10	0.00	99.76	81.66
01/22/92	-	-	-	-	-	-	SHEEN	25.80	0.00	99.76	73.96
03/24/92	-	-	-	-	-	-	NP	15.60	0.00	99.76	84.16
07/15/92	-	-	-	-	-	-	FILM	25.10	0.00	99.76	74.66
10/05/92	-	-	-	-	-	-	NP	25.20	0.00	99.76	74.56
01/06/93	-	-	-	-	-	-	NP	25.45	0.00	99.76	74.31

**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)					
07/13/93	-	-	-	-	-	-	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
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

**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)					
07/30/08	<6.6	<0.18	<0.24	<0.21	1.9 J	<0.19	NP	15.61	0.00	148.94	133.33
10/29/08	13,500	84	1,190	615	4,080	28	NP	15.42	0.00	148.94	133.52
01/29/09	2,510	81	449	67	448	<1.9	NP	15.40	0.00	148.94	133.54
05/06/09	119	<0.18	2.3 J	2.7 J	22	10	NP	15.26	0.00	148.94	133.68
12/14/09	17,400	118	970	362	2,670	<0.19	NP	15.45	0.00	148.94	133.49
05/19/10	133	<0.18	<0.24	<0.21	<0.45	5.2	NP	12.52	0.00	148.94	136.42
11/10/10	84	<0.18	<0.24	<0.21	2.6 J	51	NP	13.42	0.00	148.94	135.52
MONITORING WELL #MW-4											
	Screen Interval = 9 to 29 feet						Casing Diameter = 2 inches				
11/21/86	100,000	3,200	2,700	2,400	14,000	-	FILM	16.22	0.00	99.48	83.26
07/22/91	-	-	-	-	-	-	21.35	16.22	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
07/28/00	<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	131	12,300	NP	17.00	0.00	100.48	83.48
01/15/03	23,000	568	39	832	268	18,300	NP	16.84	0.00	100.48	83.64
04/16/03	15,800	411	15	26	14	18,200	NP	16.86	0.00	100.48	83.62

**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)					
07/14/03	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
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	184,000	1,620	30,600	5,250	24,000	<4.75	NP	15.15	0.00	148.88	133.73
02/16/09	42,900	525	5,570	<5.25	7,560	<4.75	NP	11.38	0.00	148.88	137.50
05/06/09	2,660	8.7	184	76	452	3.4	NP	16.53	0.00	148.88	132.35
12/14/09	65,600	384.0	3,610	1,290	9,340	<0.19	NP	15.21	0.00	148.88	133.67
05/19/10	1,870	50	<0.24	105	1.8 J	10	NP	12.40	0.00	148.88	136.48
11/10/10	469	<0.18	<0.24	1.1 J	15	96	NP	13.65	0.00	148.88	135.23

MONITORING WELL #MW-5

Screen Interval = 7 to 27 feet

Casing Diameter = 4 inches

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

**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)					
04/08/98	300	9.1	<0.3	<0.3	<0.5	650	NP	10.90	0.00	100.98	90.08
07/14/98	670	5.9	<0.3	<0.3	0.53	2,300	NP	15.20	0.00	100.98	85.78
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	19	NP	15.90	0.00	100.98	85.08
01/20/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.20	0.00	101.98	86.78
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.25	0.00	101.98	86.73
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.96	0.00	101.98	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	<0.24	NP	10.97	0.00	101.98	91.01
07/16/01	3,380	430	603	53	429	*10 / 4.2	NP	14.80	0.00	101.98	87.18
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	*41 / 4.2	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	<6.6	<0.18	1.9 J	<0.21	<0.45	<0.19	NP	16.47	0.00	149.62	133.15
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53
12/14/09	131	2.4	14	2.6 J	14	<0.19	NP	16.53	0.00	149.62	133.09
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.01	0.00	149.62	135.61
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53

**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-6											
Screen Interval = 7 to 27 feet						Casing Diameter = 4 inches					
11/21/86	<1,000	<2.0	<2.0	<2.0	<2.0	-	NP	12.64	0.00	99.44	86.80
07/22/91	-	-	-	-	-	-	-	#N/A	-	-	-
01/22/92	<200	<0.5	<0.5	<0.5	1.5	-	-	#N/A	-	-	-
03/24/92	-	-	-	-	-	-	NP	10.04	0.00	99.44	89.40
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	13.29	0.00	99.44	86.15
10/05/92	-	-	-	-	-	-	NP	14.69	0.00	99.44	84.75
01/06/93	<200	<0.5	<0.5	<0.5	<1.0	-	NP	10.87	0.00	99.44	88.57
07/13/93	<100	<0.5	<0.5	<0.5	<1.0	-	NP	13.10	0.00	99.44	86.34
10/11/93	<60	<0.3	<0.3	<0.3	<0.6	-	NP	14.43	0.00	99.44	85.01
01/11/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.56	0.00	99.44	85.88
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

**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)					
01/19/06	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
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	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.50	0.00	148.38	135.88
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.63	0.00	148.38	137.75
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.55	0.00	148.38	135.83
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.56	0.00	148.38	137.82
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.12	0.00	148.38	138.26
MONITORING WELL #MW-7											
Screen Interval = 8 to 18 feet						Casing Diameter = 2 inches					
03/05/07	3,110	16	<0.10	125	725	10	NP	10.84	0.00	148.20	137.36
04/24/07	15,500	42	<2.4	381	1,230	<1.9	NP	15.03	0.00	148.20	133.17
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.03	0.00	148.20	133.17
10/24/07	1,100	72	<0.24	18	1.6 J	221	NP	14.54	0.00	148.20	133.66
01/23/08	149	<0.18	14	4.4 J	25	<0.19	NP	15.00	0.00	148.20	133.20
04/29/08	978	<0.18	4.2 J	25	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	11,100	176	1,360	374	2,380	<1.9	NP	14.51	0.00	148.20	133.69
05/06/09	15,400	241	1,110	342	1,660	<1.9	NP	12.33	0.00	148.20	135.87
12/14/09	39,900	271	3,240	1,420	8,890	<19.0	NP	12.42	0.00	148.20	135.78
05/19/10	3,360	18	88	64	379	12	NP	12.56	0.00	148.20	135.64
11/10/10	29,800	1.0	1.3 J	2,400	10,300	3.0	NP	13.43	0.00	148.20	134.77
MONITORING WELL #MW-8											
Screen Interval = 8 to 18 feet						Casing Diameter = 2 inches					
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
01/29/09	<6.6	<0.18	4.8 J	<0.21	1.7 J	<0.19	NP	12.89	0.00	147.31	134.42
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.93	0.00	147.31	132.38

**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)					
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.95	0.00	147.31	134.36
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.14	0.00	147.31	132.17
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.36	0.00	147.31	134.95

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

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

NP = No free hydrocarbon product

" - " = Not analyzed / Not available

* MTBE 8020 / 8260

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

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

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

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

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

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

DATE SAMPLED	OXYGENATES					
	DI-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
MONITORING WELL # MW-1						
10/16/97	<20	<20	<20	3,900		
01/07/98	<20	<20	92	<500		
04/03/98	<20	<20	65	<500		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	15	487		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	<0.28	27	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<2.9	<1.7	<2.8	121	-	-
10/25/06	<0.29	<0.17	2.4	11	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	<0.19	54	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
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	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	158	-	-

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

DATE SAMPLED	OXYGENATES					
	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
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	-	-	-	-		
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	-	-
01/29/09	<5.0	<5.75	<4.75	<130	-	-
02/16/09	<5.0	<5.75	<4.75	<130	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	50	-	-
11/10/10	<0.20	<0.23	6.1	739	-	-
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	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	23	-	-

**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-6						
10/16/97	<20	<20	<20	<500		
01/07/98	<20	<20	40	<500		
04/03/98	-	-	-	-		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	2.7	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<0.29	<0.17	47	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	2.4	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-7						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<2.0	<2.3	<1.9	<18	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	1120	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<2.0	<2.3	<1.9	<52.0	-	-
12/14/09	<20.0	<23.0	<19.0	<520.0	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
MONITORING WELL # MW-8						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-

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

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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X 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	168,567	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	<0.5	<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	330	260	1,200

TABLE 3
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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
03/08/93	269,330	267,661	149	-	<0.5	<0.5	<0.5	<1	-	1,100	150	7.5	1,000
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 for 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	-	430	41	36	480
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	-	-	-	-	-	-	<0.3	<0.3	<0.3	<0.5
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	<0.3	<0.5	<50	<0.3	<0.3	<0.3	<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

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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
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
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
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	<50	<0.3	<0.3	<0.3	<0.5
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	65	<0.3	<0.3	<0.3	<0.5
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
04/30/00	58,022.0	804,221	115	-	-	-	-	-	-	-	-	-	-
05/26/00	60,086.0	806,285	79	-	-	-	-	-	923	<0.6	2	85	80

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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
06/16/00	61,889.0	808,088	86	<50	<0.3	<0.3	<0.3	<0.6	3,820	<0.3	<0.3	<0.3	<0.6
07/26/00	65,987.0	812,186	102	<50	<0.3	<0.3	<0.3	<0.6	<50	<0.3	<0.3	<0.3	<0.6
08/25/00	68,630.0	814,829	88	-	-	-	-	-	-	-	-	-	-
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	17,100	111	121	141	972
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	10,000	384	223	<0.18	1,330
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	4,040	191	4	42	38
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	1,400	<0.18	<0.14	<0.18	<0.26
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	3,100	15	<0.14	1	2
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	748	15	<0.14	2	2.7
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	956	1.2	<0.14	<0.18	<0.26
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	232	1	1	<0.18	<0.26
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	105	<0.18	<0.14	<0.18	<0.26
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	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	4,710	1	1.2	<0.18	2
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	128	<0.18	<0.14	<0.18	<0.26
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	9,860	<1.4	29	14	2,420
01/13/03	1,189,320	2,035,219	959	Shut down for QWS									

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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
01/28/04	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	-	-	-	-
01/28/04	1,485,790	2,331,689	857	<15	<0.04	<0.02	<0.02	<0.06	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)				
02/04/04	1,492,340	2,338,239	936	-	-	-	-	-	Split-sample results (sample collected by us)				
02/10/04	1,494,550	2,340,449	368	-	-	-	-	-	-	-	-	-	-
02/20/04	1,498,790	2,344,689	424	-	-	-	-	-	-	-	-	-	-
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	1,380	113	93	16	76
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	652	31	<0.32	<0.31	2.1J
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	<15	<0.22	<0.32	<0.31	<0.4
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	291	9.1	<0.32	1.2 J	<0.4
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					-	-	-	-	-

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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
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					-	-	-	-	
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
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
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
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
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					-	-	-	-	

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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	
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	-	-	-	-	-	-	-	-	-	-	
06/02/06	1,911,010	2,756,909	176	-	-	-	-	-	-	-	-	-	-	
06/09/06	1,912,670	2,758,569	237	-	-	-	-	-	-	-	-	-	-	
06/16/06	1,914,330	2,760,229	237	-	-	-	-	-	77,300	668	19,300	1,660	8,800	
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	4,450	8.6 J	99	34 J	149	
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	
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	
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	
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	
04/20/07	1,992,720	2,838,619	178	Shut down system for QWS					-	-	-	-	-	-

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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
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	-	-	-	-	-	-	-	-	-	-
07/03/08	2,221,620	3,073,639	1,076	-	-	-	-	-	26,600	54	721	629	4,320
07/09/08	2,230,580	3,082,599	1,493	<6.6	<0.18	<0.24	<0.21	<0.45	-	-	-	-	-
07/18/08	2,231,140	3,083,159	62	-	-	-	-	-	6,220	103	655	188	1,040
07/25/08	2,237,110	3,089,129	853	-	-	-	-	-	-	-	-	-	-
08/04/08	2,237,120	3,089,139	1.0	-	-	-	-	-	-	-	-	-	-
08/08/08	2,240,350	3,092,369	808	-	-	-	-	-	-	-	-	-	-
08/20/08	2,249,810	3,101,829	788	-	-	-	-	-	9,480	65	1,080	375	2,120
08/24/08	2,255,420	3,107,439	1,403	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	<0.51	<0.51	<0.41	< 1.3 / < 0.37	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)				
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	-	-	-	-	-	-	-	-	-	-
11/07/08	2,316,370	3,168,389	862	-	-	-	-	-	8,490	100	1,130	308	1,680
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	8,230	60	1,730	279	1,720
01/06/09	2,382,280	3,234,299	1,126	-	-	-	-	-	-	-	-	-	-
01/07/09	2,382,410	3,234,429	130	-	-	-	-	-	-	-	-	-	-
01/12/09	2,391,510	3,243,529	1,820	-	-	-	-	-	-	-	-	-	-
01/19/09	2,398,100	3,250,119	941	-	-	-	-	-	-	-	-	-	-
01/28/09	2,408,760	3,260,779	1,184	Shut down system for QWS					-	-	-	-	-
01/30/09	2,408,790	3,260,809	15	Restart system after QWS					-	-	-	-	-
02/04/09	2,415,390	3,267,409	1,320	-	-	-	-	-	-	-	-	-	-
02/11/09	2,424,020	3,276,039	1,233	-	-	-	-	-	-	-	-	-	-
02/13/09	2,424,210	3,276,229	95	System found off because of power failure, left system off for resampling of MW-4					-	-	-	-	-
02/24/09	2,424,210	3,276,229	-	Restart system after resampling of MW-4					-	-	-	-	-
03/03/09	2,424,510	3,276,529	43	-	-	-	-	-	-	-	-	-	-
03/08/09	2,425,820	3,277,839	262	-	-	-	-	-	-	-	-	-	-
03/11/09	2,426,810	3,278,829	330	-	-	-	-	-	-	-	-	-	-
03/18/09	2,427,010	3,279,029	29	Found system off. Air Compressor switch tripped					-	-	-	-	-
03/25/09	2,427,640	3,279,659	90	-	-	-	-	-	-	-	-	-	-
03/30/09	2,428,090	3,280,109	90	-	-	-	-	-	-	-	-	-	-
04/13/09	2,429,710	3,281,729	116	-	-	-	-	-	-	-	-	-	-
04/23/09	2,431,060	3,283,079	135	-	-	-	-	-	-	-	-	-	-
04/27/09	2,431,770	3,283,789	178	-	-	-	-	-	8,180	49	976	299	2,160
05/05/09	2,432,710	3,284,729	118	Shut down system for QWS					-	-	-	-	-
05/07/09	2,432,760	3,284,779	25	Restart system after QWS					-	-	-	-	-
05/12/09	2,433,180	3,285,199	84	System shut down for carbon change					-	-	-	-	-

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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
05/29/09	2,433,290	3,285,309	6	System restarted after carbon change					-	-	-	-	-
06/08/09	2,434,090	3,286,109	80	-	-	-	-	-	-	-	-	-	
06/15/09	2,434,720	3,286,739	90	<6.6	<0.18	<0.24	<0.21	<0.45	1,310	191	94	2.9 J	101
06/16/09	2,434,830	3,286,849	110	-	-	-	-	-	-	-	-	-	
06/22/09	2,435,510	3,287,529	113	Replaced pressure switch, System restarted					-	-	-	-	-
07/06/09	2,436,320	3,288,339	58	-	-	-	-	-	-	-	-	-	
07/14/09	2,437,200	3,289,219	110	-	-	-	-	-	-	-	-	-	
07/20/09	2,437,950	3,289,969	125	-	-	-	-	-	-	-	-	-	
07/29/09	2,438,670	3,290,689	80	-	-	-	-	-	-	-	-	-	
08/03/09	2,439,360	3,291,379	138	-	-	-	-	-	-	-	-	-	
08/11/09	2,439,980	3,291,999	78	-	-	-	-	-	-	-	-	-	
08/18/09	2,440,700	3,292,719	103	-	-	-	-	-	-	-	-	-	
08/25/09	2,441,210	3,293,229	73	-	-	-	-	-	-	-	-	-	
09/01/09	2,442,070	3,294,089	123	-	-	-	-	-	-	-	-	-	
09/09/09	2,442,820	3,294,839	94	-	-	-	-	-	-	-	-	-	
09/14/09	-	-	-	-	<0.51	<0.51	<0.41	<1.3 / <0.37	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)				
09/14/09	2,443,040	3,295,059	44	<6.6	<0.23	<0.23	<0.26	<0.81	Split-sample results during EBMUD inspection & sampling				
09/22/09	2,443,780	3,295,799	93	Shut down system for maintenance					-	-	-	-	-
09/25/09	2,443,790	3,295,809	3	Restart system after maintenance					-	-	-	-	-
09/30/09	2,444,430	3,296,449	128	-	-	-	-	-	-	-	-	-	
10/09/09	2,445,290	3,297,309	96	-	-	-	-	-	-	-	-	-	
10/15/09	2,445,970	3,297,989	113	-	-	-	-	-	-	-	-	-	
10/20/09	2,446,620	3,298,639	130	-	-	-	-	-	-	-	-	-	
10/28/09	2,447,640	3,299,659	128	-	-	-	-	-	-	-	-	-	
11/02/09	2,448,390	3,300,409	150	-	-	-	-	-	-	-	-	-	
11/09/09	2,449,210	3,301,229	117	-	-	-	-	-	-	-	-	-	
11/16/09	2,449,930	3,301,949	103	-	-	-	-	-	-	-	-	-	
11/23/09	2,450,800	3,302,819	124	-	-	-	-	-	-	-	-	-	
11/30/09	2,451,420	3,303,439	89	-	-	-	-	-	-	-	-	-	
12/07/09	2,451,660	3,303,679	34	-	-	-	-	-	-	-	-	-	
12/10/09	2,451,990	3,304,009	110	<6.6	<0.18	<0.24	<0.21	<0.45	15,400	177	1560	481	2920
12/11/09	2,451,990	3,304,009	-	System Shut down for QWS					-	-	-	-	-
12/17/09	2,452,040	3,304,059	7	Restart system after QWS					-	-	-	-	-
12/21/09	2,452,410	3,304,429	93	-	-	-	-	-	-	-	-	-	
12/28/09	2,453,430	3,305,449	146	-	-	-	-	-	-	-	-	-	
01/04/10	2,454,210	3,306,229	111	-	-	-	-	-	-	-	-	-	
01/11/10	2,455,100	3,307,119	127	-	-	-	-	-	-	-	-	-	
01/18/10	2,456,220	3,308,239	160	-	-	-	-	-	-	-	-	-	
01/25/10	2,457,200	3,309,219	140	-	-	-	-	-	-	-	-	-	
02/01/10	2,458,090	3,310,109	127	-	-	-	-	-	-	-	-	-	
02/11/10	2,459,320	3,311,339	123	<6.6	<0.18	<0.24	<0.21	<0.45	-	-	-	-	
02/15/10	2,459,750	3,311,769	108	-	-	-	-	-	-	-	-	-	
02/22/10	2,460,460	3,312,479	101	-	-	-	-	-	-	-	-	-	
03/01/10	2,461,530	3,313,549	153	-	-	-	-	-	-	-	-	-	
03/08/10	2,462,510	3,314,529	140	-	-	-	-	-	-	-	-	-	
03/15/10	2,463,370	3,315,389	123	-	-	-	-	-	-	-	-	-	
03/23/10	2,464,280	3,316,299	114	-	-	-	-	-	-	-	-	-	
04/01/10	2,465,250	3,317,269	108	-	-	-	-	-	-	-	-	-	
04/06/10	2,466,110	3,318,129	172	-	-	-	-	-	-	-	-	-	
04/14/10	2,466,980	3,318,999	109	-	-	-	-	-	-	-	-	-	
04/20/10	2,467,780	3,319,799	133	-	-	-	-	-	-	-	-	-	

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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	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L
04/28/10	2,468,590	3,320,609	101	-	-	-	-	-	-	-	-	-	-
05/11/10	2,474,780	3,326,799	476	-	-	-	-	-	-	-	-	-	-
05/12/10	2,474,910	3,326,929	130	-	-	-	-	-	-	-	-	-	-
05/18/10	2,475,880	3,327,899	162	System shutdown for QWS.					-	-	-	-	-
05/20/10	2,476,060	3,328,079	90	System restarted after QWS.					-	-	-	-	-
05/27/10	2,477,040	3,329,059	140	-	-	-	-	-	-	-	-	-	-
06/03/10	2,478,140	3,330,159	157	-	-	-	-	-	-	-	-	-	-
06/08/10	2,479,370	3,331,389	246	-	-	-	-	-	-	-	-	-	-
06/15/10	2,480,350	3,332,369	140	-	-	-	-	-	-	-	-	-	-
06/23/10	2,481,130	3,333,149	98	-	-	-	-	-	-	-	-	-	-
07/02/10	2,481,990	3,334,009	96	-	-	-	-	-	-	-	-	-	-
07/07/10	2,482,860	3,334,879	174	-	-	-	-	-	-	-	-	-	-
07/13/10	2,483,780	3,335,799	153	-	-	-	-	-	-	-	-	-	-
07/20/10	2,484,760	3,336,779	140	-	-	-	-	-	-	-	-	-	-
07/23/10	2,484,940	3,336,959	60	-	-	-	-	-	7,270	11	570	29	494
07/27/10	2,485,420	3,337,439	120	-	-	-	-	-	-	-	-	-	-
08/04/10	2,486,070	3,338,089	81	-	-	-	-	-	-	-	-	-	-
08/10/10	2,486,690	3,338,709	103	-	-	-	-	-	-	-	-	-	-
08/11/10	2,486,850	3,338,869	160	-	-	-	-	-	1,130	11	71	17	101
08/17/10	2,487,710	3,339,729	143	-	-	-	-	-	-	-	-	-	-
08/25/10	2,488,270	3,340,289	70	-	-	-	-	-	-	-	-	-	-
08/31/10	2,489,030	3,341,049	127	-	-	-	-	-	-	-	-	-	-
09/09/10	2,489,710	3,341,729	76	System shut down for pilot test.					-	-	-	-	-
10/14/10	2,502,160	3,354,179	356	System Restarted after pilot test.					-	-	-	-	-
10/21/10	2,502,300	3,354,319	20	-	-	-	-	-	10,100	61	1,120	339	1,930
10/26/10	2,502,350	3,354,369	10	-	-	-	-	-	-	-	-	-	-
11/02/10	2,502,400	3,354,419	7	-	-	-	-	-	-	-	-	-	-
11/04/10	2,502,600	3,354,619	100	System shutdown for QWS.					-	-	-	-	-
11/11/10	2,502,800	3,354,819	29	System restarted after QWS.					-	-	-	-	-
11/18/10	2,503,090	3,355,109	41	-	-	-	-	-	-	-	-	-	-
11/24/10	2,503,730	3,355,749	107	-	-	-	-	-	-	-	-	-	-
11/30/10	2,504,450	3,356,469	120	-	-	-	-	-	-	-	-	-	-
12/07/10	2,505,310	3,357,329	123	-	-	-	-	-	-	-	-	-	-
12/15/10	2,506,430	3,358,449	140	-	-	-	-	-	-	-	-	-	-
12/16/10	2,506,570	3,358,589	140	-	-	-	-	-	-	-	-	-	-
12/22/10	2,507,890	3,359,909	220	-	-	-	-	-	528	1.5	3.1	0.6	8.5

WD PERMIT LIMITS:	NE	5.0	5.0	5.0	5.0
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Note: < = less than laboratory detection level indicated
 - = no sample / not analyzed
 NE = Permit Limit not established

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

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.

FIGURES

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLDG

MW-5

B-4

DISPENSER
ISLAND

MW-3

EXISTING
JUST

B-1

MW-2

MW-6

B

MW-1

MW-7

8101
TELEGRAPH AVE.

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

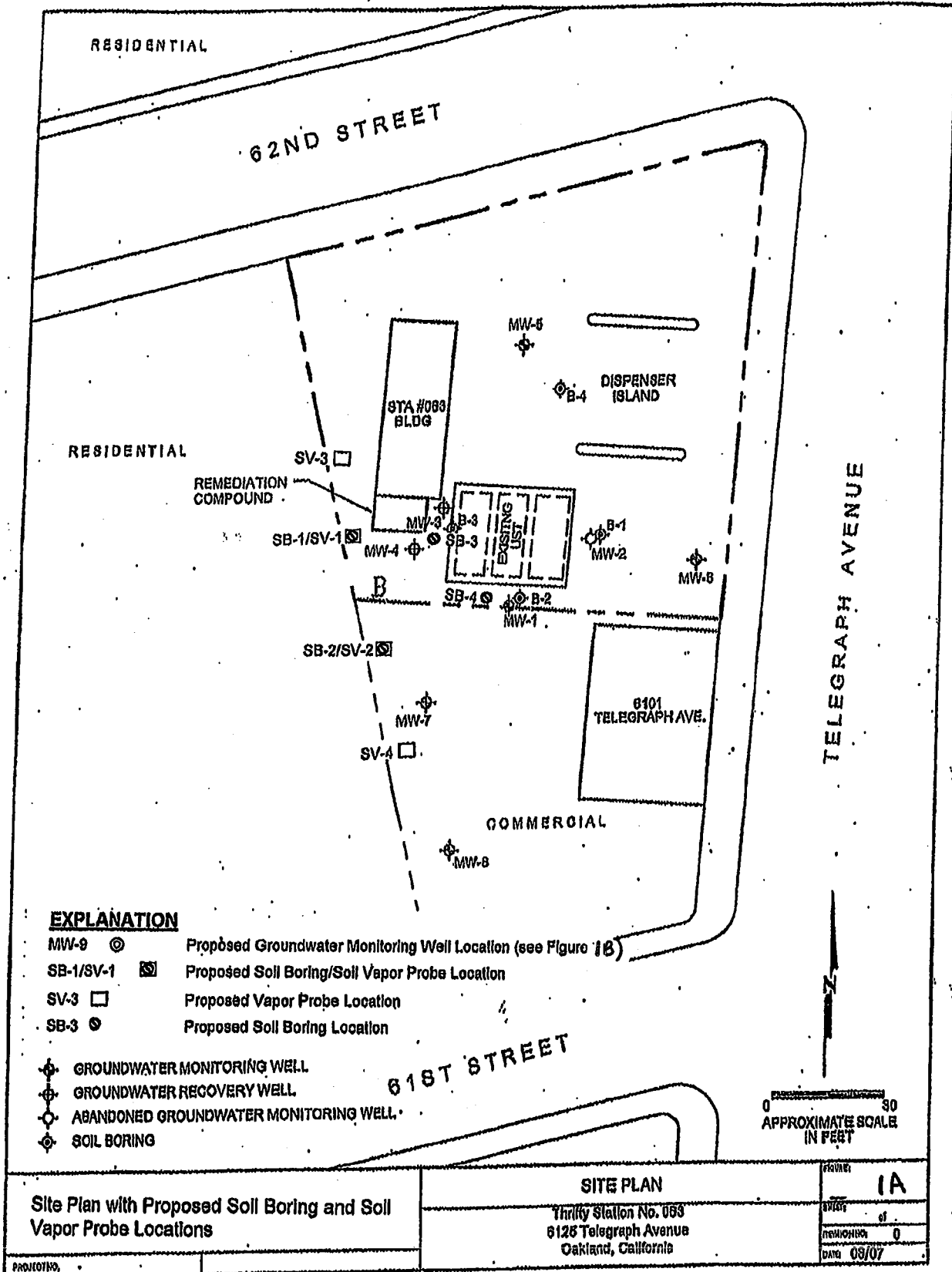


SITE PLAN

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

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

PROJECT NO.



Site Plan with Proposed Soil Boring and Soil Vapor Probe Locations

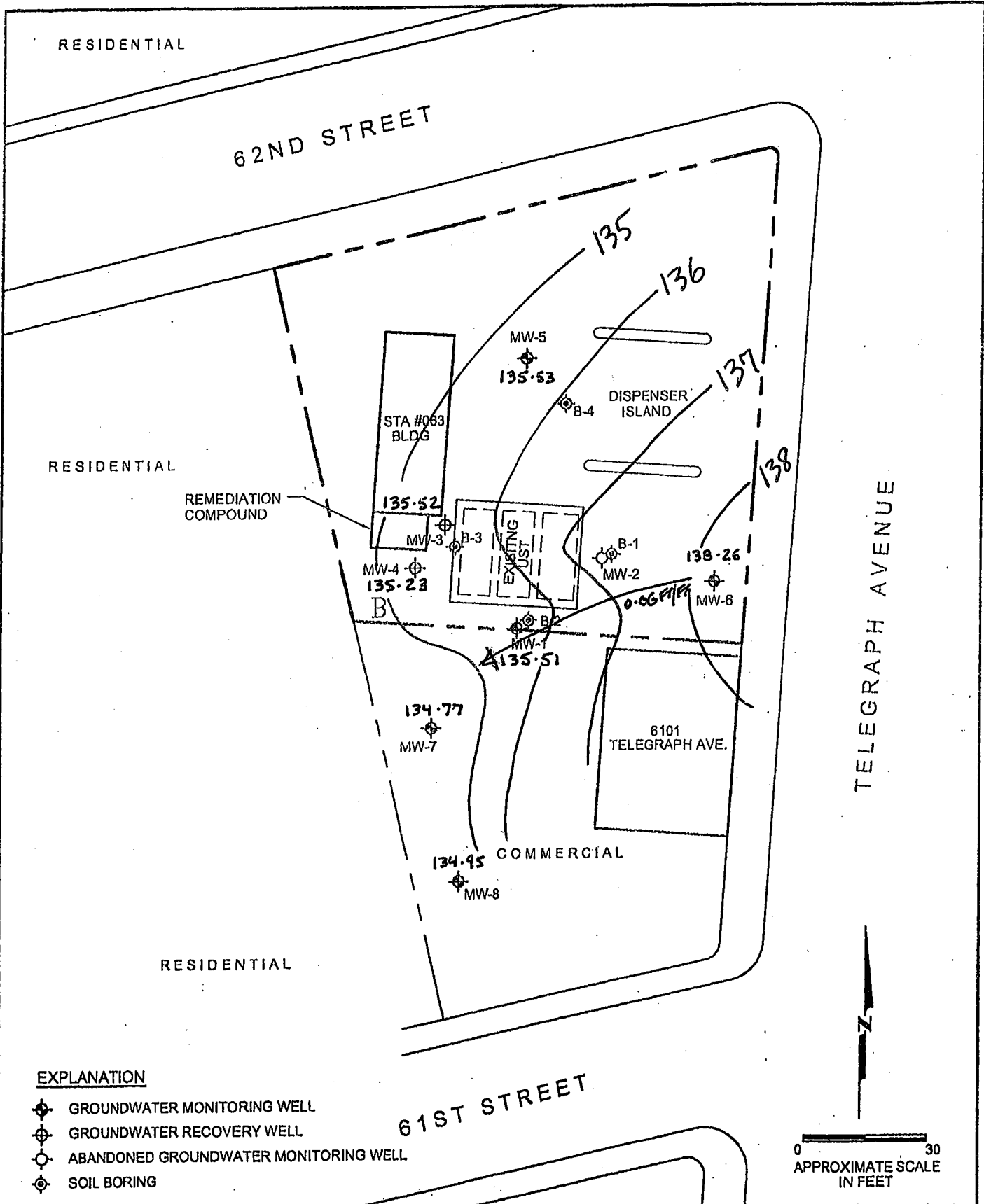
SITE PLAN

Trinity Station No. 083
 6126 Telegraph Avenue
 Oakland, California

FIGURE	1A
SHEET	of
REVISIONS	0
DATE	08/07

PROJECT NO.





EXPLANATION

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

Groundwater gauging conducted on 11-10-10
 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:	2
SHEET:	of
REVISION NO.:	0
DATE:	03/07

PROJECT NO.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIAION
COMPOUND

STA #063
BLDG

46.6

MW-5

DISPENSER
ISLAND

B-4

84

469

MW-3

MW-4

B-3

B-1

MW-2

46.6

MW-6

B-2

MW-1

46.6

6101
TELEGRAPH AVE.

46.6 COMMERCIAL

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

61ST STREET

EXPLANATION

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

0 30
APPROXIMATE SCALE
IN FEET

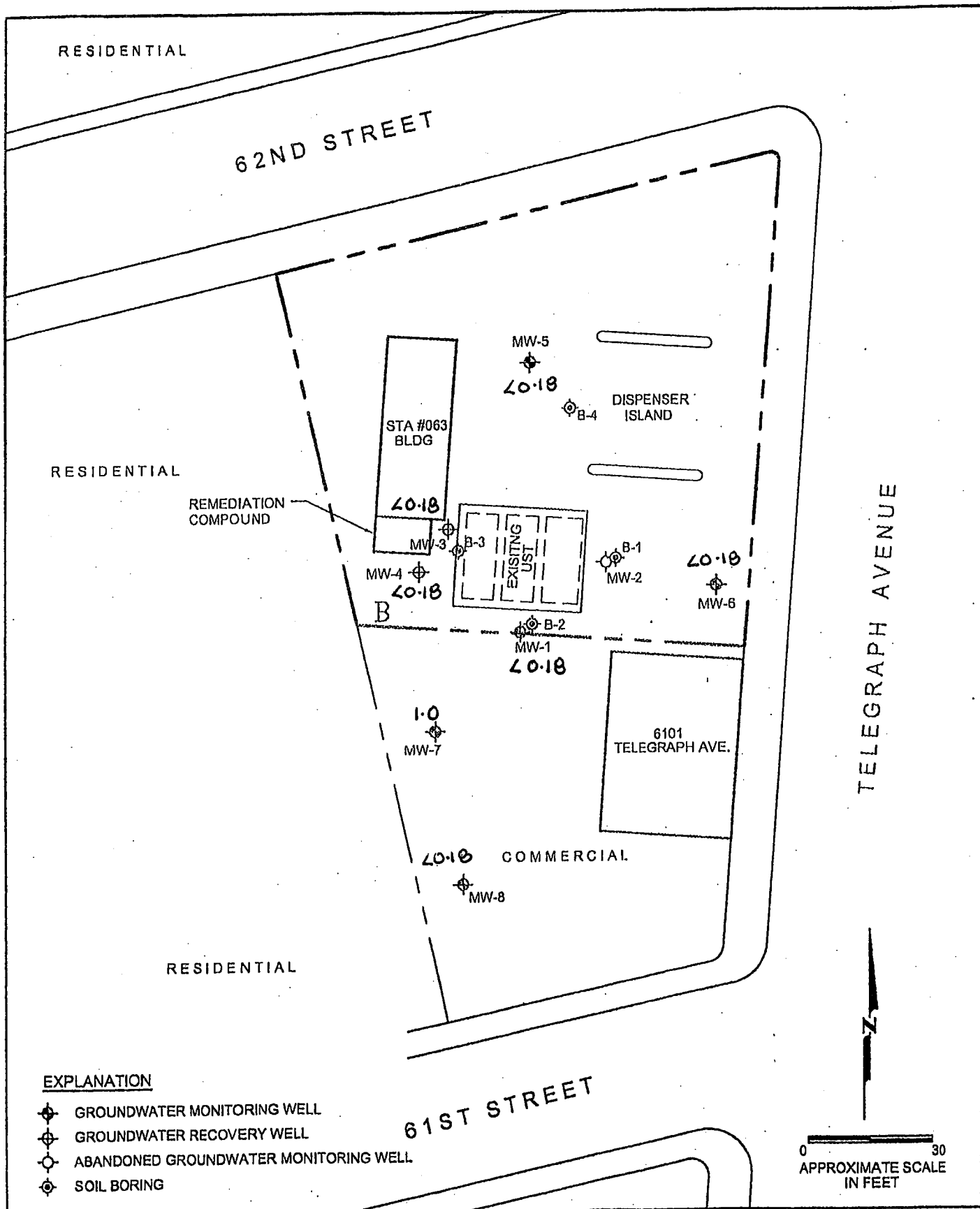
units in $\mu\text{g/L}$
Samples collected on 11-10-10

TPHg Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE:	3
SHEET:	of
REVISION NO.:	0
DATE:	03/07

PROJECT NO.



EXPLANATION

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

0 30
APPROXIMATE SCALE
IN FEET



PROJECT NO.	units in $\mu\text{g/L}$ Samples collected on <u>11-10-10</u>	Benzene Isoconcentration Map		FIGURE: 4
		Thrifty Station No. 063 6125 Telegraph Avenue Oakland, California		SHEET: of
			REVISION NO: 0	DATE: 03/07

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLDG

10

51

96

MW-5

20-19

DISPENSER
ISLAND

B-4

MW-3

EXISTING
UST

B-1

MW-2

20-19

MW-6

MW-1

20-19

8101
TELEGRAPH AVE.

3-0

MW-7

20-19 COMMERCIAL

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

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

0 30
APPROXIMATE SCALE
IN FEET

61ST STREET

units in µg/L
Samples collected on 11-10-10

MTBE Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE:	5
SHEET:	of
REVISION NO.:	0
DATE:	03/07

PROJECT NO.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA
TION
COMPOUND

STA #063
BLDG

MW-5
23

B-4

DISPENSER
ISLAND

158

MW-3

B-3

EXISTING
UST

MW-4
739

B-1

45-2

MW-6

100

B-2

MW-1

45-2

45-2

MW-7

6101
TELEGRAPH AVE.

45-2 COMMERCIAL

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

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

0 30
APPROXIMATE SCALE
IN FEET

61ST STREET

units in $\mu\text{g/L}$

Samples collected on 11-10-10

TBA Isoconcentration Map

Thrifty Station No. 063
6125 Telegraph Avenue
Oakland, California

FIGURE:	6
SHEET:	of
REVISION NO:	0
DATE:	03/07

PROJECT NO.

APPENDIX A



PROJECT STATUS REPORT

SITE: THRIFTY OIL CO. #063
 ADDRESS: 6125 TELEGRAPH AVE.
OAKLAND, CA. 94609

DATE: 11-10-2010

PERSONNEL: SERBATH P-

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	WC (FT)	DIA (IN)	PURGE (GAL)		COMMENT
							EST.	ACT.	
QUARTERLY									
1 MW-1		12.92	29.12		26.20	2"	7	10	
2 MW-3		13.42	28.20		14.78	6"	65	65	
3 MW-4		13.65	29.17		15.52	2"	7	10	
4 MW-5		14.09	26.22		12.13	4"	23	25	
5 MW-6		10.12	26.78		16.66	4"	32	35	
6 MW-7		13.43	17.44		4.01	2"	2	5	OFFSIT.
7 MW-8		12.36	18.29		5.93	2"	3	5	OFFSIT.

FREE PRODUCT REMOVED: APPROX. 0 GALLONS PURGE-WATER REMOVED: APPROX. 155 GALLONS

REMARKS: - MONITORING WELLS
- TAKE WATER SAMPLING FROM 7 WELLS
- PURGE WATER WAS TRANSFER IN HOLDING TANK



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: THRIFTY OIL CO. # 063 **Date:** 11-10-2010
Address: 6125 TELEGRAPH AVE, OAKLAND, CA 94609 **Well ID#:** MW-1
Personnel: SERBAN P- **Weather:** SUNNY DAY
Purging Equipment:
 Bailer Diaphragm Pump Electric submersible Pneumatic submersible
 Disposable Bailer Vacuum Truck Extraction Pump Other
Sampling Equipment:
 Disposable Bailer Other
Monitoring Eq.: Water level instrument: 2 YELLOW JACKETS pH/Temp/Cond Meter: HANNA
Time of measurement: 8:00 **Well casing dia. (in):** 2 **Multipliers for purge volume estimation:**
Total Well Depth (ft): 29.12 **Depth To Product (ft):** **Well Dia** 1" 2" 4" 6" 12"
Depth To Water (ft): 12.92 **Product Thickness (ft):** **3 Casing Vol** 0.12 0.49 1.96 4.40 17.62
Water Column (ft): 16.20 **Purge Vol Calculation:** Casing Vol. Borehole Vol. (SD) **Borehole Vol** 0.40 0.77 1.51 2.57 7.71
Estimated Purge Volume (gal): 16.20 x 0.49 = 7
water column multiplier
Note for borehole volume, add 1/2 BH vol for each subsequent passes

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
9:35	0	START PURGING					
9:37	2	2	70.1	6.08	1580	CLEAR	
9:39	2	2	69.8	6.07	1590	CLEAR	
9:41	2	2	69.7	6.08	1580	CLEAR	
9:43	2	2	69.5	6.07	1580	CLEAR	
9:45	2	2	69.4	6.07	1590	CLEAR	
DTW immed. after purge (ft): 12.95		Actual purged volume (gal): 10			Avg Purge Rate (gpm): 1		

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[\text{Water Column}] \times 0.20 + [\text{DTW Initial}] = 16.16$ ft
 Max Drawdown (SD): 80% Recovery = $([\text{DTW after purge}] - [\text{DTW Initial}]) \times 0.20 + [\text{DTW Initial}] =$ _____ ft

SAMPLING DATA

Date: 11-10-2010 **Time:** 13:20 **am/pm:** **pH (if required):** **D.O. (if required):** **O.R.P. (if required):**
Depth To Water Before Sampling (ft): 16.03 **Notes:**

Comments: _____



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: THRIFTY OIL CO. # 063		Date: 11-10-2010																		
Address: 6125 TELEGRAPH AVE, OAKLAND, CA. 94609		Well ID#: MW-7																		
Personnel: SERBAN P.		Weather: SUNNY DAY																		
Purging Equipment: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Diaphragm Pump <input type="checkbox"/> Electric submersible <input type="checkbox"/> Pneumatic submersible <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Vacuum Truck <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other		Sampling Equipment: <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Other																		
Monitoring Eq.: Water level instrument: YELLOW JACKET pH/Temp/Cond Meter: HANNA																				
Time of measurement: 9:25	Well casing dia. (in): 2	Multipliers for purge volume estimation: <table border="1" style="font-size: small;"> <tr><th>Well Dia</th><th>1"</th><th>2"</th><th>4"</th><th>6"</th><th>12"</th></tr> <tr><td>3 Casing Vol</td><td>0.12</td><td>0.49</td><td>1.96</td><td>4.40</td><td>17.62</td></tr> <tr><td>Borehole Vol</td><td>0.40</td><td>0.77</td><td>1.51</td><td>2.57</td><td>7.71</td></tr> </table> <i>Note for borehole volume, add 1/2 BH vol for each subsequent passes</i>	Well Dia	1"	2"	4"	6"	12"	3 Casing Vol	0.12	0.49	1.96	4.40	17.62	Borehole Vol	0.40	0.77	1.51	2.57	7.71
Well Dia	1"		2"	4"	6"	12"														
3 Casing Vol	0.12		0.49	1.96	4.40	17.62														
Borehole Vol	0.40		0.77	1.51	2.57	7.71														
Total Well Depth (ft): 17.44	Depth To Product (ft):																			
Depth To Water (ft): 13.43	Product Thickness (ft):																			
Water Column (ft): 4.01																				
Purge Vol Calculation: <input type="checkbox"/> Casing Vol. <input type="checkbox"/> Borehole Vol. (SD)		Estimated Purge Volume (gal): $4.01 \times 0.49 = 2$ <small>water column multiplier</small>																		

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
13:05	0	START PURGING					
13:06	1	1	69.5	5.69	1760	CLEAR	
13:07	1	1	69.4	5.71	1730	CLEAR	
13:08	1	1	69.3	5.73	1720	CLEAR	
13:09	1	1	69.2	5.74	1720	CLEAR	
13:10	1	1	69.1	5.74	1720	CLEAR	
DTW immed. after purge (ft): 13.41		Actual purged volume (gal): 5		Avg Purge Rate (gpm): 1			

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[4.01] \times 0.20 + [13.43] = 14.23$ ft
Water Column DTW initial

Max Drawdown (SD): 80% Recovery = $([] - []) \times 0.20 + [] =$ ft
DTW after purge DTW initial DTW initial

SAMPLING DATA

Date: 11.10.2010	Time: 15:20	am / pm	pH (if required):	D.O. (if required):	O.R.P. (if required):
Depth To Water Before Sampling (ft): 14.08		Notes:			

Comments: _____



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: **THRIFTY OIL CO. # 063** Date: **11-10-2010**

Address: **6125 TELEGRAPH AVE, OAKLATA, OK 74604** Well ID#: **MW-4**

Personnel: **SERBAN P.** Weather: **SUNNY DAY**

Purging Equipment:
 Bailor Diaphragm Pump Electric submersible Pneumatic submersible
 Disposable Bailor Vacuum Truck Extraction Pump Other

Sampling Equipment:
 Disposable Bailor
 Other

Monitoring Eq.: Water level instrument: **YELLOW TAPE** pH/Temp/Cond Meter: **HANNA**

Time of measurement: **9:10** Well casing dia. (in) **2** Multipliers for purge volume estimation:
 Total Well Depth (ft): **29.17** Depth To Product (ft):
 Depth To Water (ft): **13.65** Product Thickness (ft):
 Water Column (ft): **15.52** Purge Vol Calculation: Casing Vol. Borehole Vol. (SD) **15.52 x 0.44 = 7**
Note for borehole volume, add 1/2 BH vol for each subsequent passes
water column multiplier

Well Dia	1"	2"	4"	6"	12"
3 Casing Vol	0.12	0.49	1.96	4.40	17.62
Borehole Vol	0.40	0.77	1.51	2.57	7.71

Estimated Purge Volume (gal) :

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
12:45	0	START PURGING					
12:47	2	2	69.3	5.74	1640	CLEAR	
12:49	2	2	69.2	5.81	1670	CLEAR	
12:51	2	2	69.4	5.87	1660	CLEAR	
12:53	2	2	69.3	5.86	1660	CLEAR	
12:55	2	2	69.5	5.84	1660	CLEAR	
DTW immed. after purge (ft):		13.62	Actual purged volume (gal):		10	Avg Purge Rate (gpm): 1	

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[(15.52) \times 0.20 + (13.65)] = 16.75$ ft
Water Column DTW initial
 Max Drawdown (SD): 80% Recovery = $([] - []) \times 0.20 + [] =$ ft
DTW after purge DTW initial DTW initial

SAMPLING DATA

Date: **11-10-2010** Time: **15:10** am / pm
 pH (if required): D.O. (if required): O.R.P. (if required):
 Depth To Water Before Sampling (ft) **96.11** Notes:

Comments:



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: THRIFTY OIL CO. # 063		Date: 11-10-2010																		
Address: 6125 TELEGRAPH AVE, OAKLAND, CA 94609		Well ID#: MW-3																		
Personnel: SERBAN P.		Weather: SUNNY DAY																		
Purging Equipment: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Diaphragm Pump <input type="checkbox"/> Electric submersible <input type="checkbox"/> Pneumatic submersible <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Vacuum Truck <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other		Sampling Equipment: <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Other																		
Monitoring Eq.: Water level instrument: 7 JFLVOW JACIWA pH/Temp/Cond Meter: HAHHA																				
Time of measurement: 9:00	Well casing dia. (in): 6	<table border="1" style="font-size: small;"> <tr><th>Well Dia</th><th>1"</th><th>2"</th><th>4"</th><th>6"</th><th>12"</th></tr> <tr><td>3 Casing Vol</td><td>0.12</td><td>0.49</td><td>1.96</td><td>4.40</td><td>17.62</td></tr> <tr><td>Borehole Vol</td><td>0.40</td><td>0.77</td><td>1.51</td><td>2.57</td><td>7.71</td></tr> </table> <p><i>Note for borehole volume, add 1/2 BH vol for each subsequent passes</i></p>	Well Dia	1"	2"	4"	6"	12"	3 Casing Vol	0.12	0.49	1.96	4.40	17.62	Borehole Vol	0.40	0.77	1.51	2.57	7.71
Well Dia	1"		2"	4"	6"	12"														
3 Casing Vol	0.12		0.49	1.96	4.40	17.62														
Borehole Vol	0.40		0.77	1.51	2.57	7.71														
Total Well Depth (ft): 28.20	Depth To Product (ft):																			
Depth To Water (ft): 13.42	Product Thickness (ft):																			
Water Column (ft): 14.78	Purge Vol Calculation: <input checked="" type="checkbox"/> Casing Vol. <input type="checkbox"/> Borehole Vol. (SD)	Estimated Purge Volume (gal) : <div style="border: 1px solid black; padding: 5px; display: inline-block;"> $14.78 \times 4.40 = 65$ </div> <p style="font-size: x-small; margin-top: 5px;">water column multiplier</p>																		

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
11:30	0	START PURGING					
11:43	13	13	70.2	5.87	1660	CLEAR	
11:56	13	13	70.1	6.03	1630	CLEAR	
12:09	13	13	69.4	5.82	1620	CLEAR	
12:22	13	13	69.8	5.83	1610	CLEAR	
12:35	13	13	69.5	5.82	1610	CLEAR	
DTW immed. after purge (ft): 13.53			Actual purged volume (gal): 65			Avg Purge Rate (gpm): 1	

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[(14.78) \times 0.20 + (13.42)] = 16.37$ ft
Water Column DTW initial

Max Drawdown (SD): 80% Recovery = $([] - []) \times 0.20 + [] =$ ft
DTW after purge DTW initial DTW initial

SAMPLING DATA

Date: 11.10.2010	Time: 14:40	am / pm	pH (if required):	D.O. (if required):	O.R.P. (if required):
Depth To Water Before Sampling (ft): 26.11		Notes:			

Comments:



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: **THRIFTY OIL CO. # 063** Date: **11-10-2010**

Address: **6125 TELEGRAPH AVE, OAKLATHS, 94609** Well ID#: **MW-8**

Personnel: **SERBAN P.** Weather: **SUNNY DAY**

Purging Equipment:
 Bailor Diaphragm Pump Electric submersible Pneumatic submersible
 Disposable Bailor Vacuum Truck Extraction Pump Other

Sampling Equipment:
 Disposable Bailor
 Other

Monitoring Eq.: Water level instrument: **YELLOW JACKET** pH/Temp/Cond Meter: **HANNA**

Time of measurement: **8:45** Well casing dia. (in) **2** Multipliers for purge volume estimation:
 Total Well Depth (ft): **18.29** Depth To Product (ft)
 Depth To Water (ft): **12.36** Product Thickness (ft)
 Water Column (ft): **5.93** Purge Vol Calculation: Casing Vol. Borehole Vol. (SD) **5.93 x 0.49 = 2.9**
Note for borehole volume, add 1/2 BH vol for each subsequent passes

Well Dia	1"	2"	4"	6"	12"
3 Casing Vol	0.12	0.49	1.96	4.40	17.62
Borehole Vol	0.40	0.77	1.51	2.57	7.71

Estimated Purge Volume (gal) : **2.9**
water column multiplier

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
11:15	0	START PURGING					
11:16	1	1	69.8	6.07	1520	CLEAR	
11:17	1	1	69.7	6.03	1530	CLEAR	
11:18	1	1	69.5	5.92	1510	CLEAR	
11:19	1	1	69.3	5.96	1530	CLEAR	
11:20	1	1	69.4	6.01	1530	CLEAR	
DTW immed. after purge (ft):		12.34	Actual purged volume (gal):		5	Avg Purge Rate (gpm): 1	

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[(5.93) \times 0.20 + (12.36)] = 13.54$ ft
Water Column DTW initial

Max Drawdown (SD): 80% Recovery = $([] - []) \times 0.20 + [] = []$ ft
DTW after purge DTW initial DTW initial

SAMPLING DATA

Date: **11.10.2010** Time: **13:40** am / pm
 pH (if required): D.O. (if required): O.R.P. (if required):

Depth To Water Before Sampling (ft) **14.06** Notes:

Comments:



FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: **THRIFTY OIL CO. # 063** Date: **11-10-2010**

Address: **6125 TELEGRAPH AVE, OAKLAND, CA 94609** Well ID#: **MW-6**

Personnel: **SERBAN P.** Weather: **SUNNY DAY**

Purging Equipment:
 Bailer Diaphragm Pump Electric submersible Pneumatic submersible
 Disposable Bailer Vacuum Truck Extraction Pump Other

Sampling Equipment:
 Disposable Bailer Other

Monitoring Eq.: Water level instrument: **YELLOW JACKETS** pH/Temp/Cond Meter: **HANNA**

Time of measurement:	8:30	Well casing dia. (in)	4	Multipiers for purge volume estimation: <small>Note for borehole volume, add 1/2 BH vol for each subsequent passes</small> <table border="1"> <tr> <th>Well Dia</th> <th>1"</th> <th>2"</th> <th>4"</th> <th>6"</th> <th>12"</th> </tr> <tr> <td>3 Casing Vol</td> <td>0.12</td> <td>0.49</td> <td>1.96</td> <td>4.40</td> <td>17.62</td> </tr> <tr> <td>Borehole Vol</td> <td>0.40</td> <td>0.77</td> <td>1.51</td> <td>2.57</td> <td>7.71</td> </tr> </table>	Well Dia	1"	2"	4"	6"	12"	3 Casing Vol	0.12	0.49	1.96	4.40	17.62	Borehole Vol	0.40	0.77	1.51	2.57	7.71
Well Dia	1"	2"	4"		6"	12"																
3 Casing Vol	0.12	0.49	1.96		4.40	17.62																
Borehole Vol	0.40	0.77	1.51		2.57	7.71																
Total Well Depth (ft):	26.78	Depth To Product (ft)																				
Depth To Water (ft):	10.12	Product Thickness (ft)																				
Water Column (ft):	16.66	Purge Vol Calculation: <input type="checkbox"/> Casing Vol. <input type="checkbox"/> Borehole Vol. (SD)		Estimated Purge Volume (gal): 16.66 x 1.96 = 32 <small>water column multiplier</small>																		

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
10:30	0	START PURGING					
10:37	7	7	70.3	1530	5.74	CLEAR	
10:44	7	7	70.4	1520	5.69	CLEAR	
10:51	7	7	69.8	1530	5.70	CLEAR	
10:58	7	7	69.7	1540	5.73	CLEAR	
11:06	7	7	69.8	1540	5.70	CLEAR	
DTW immed. after purge (ft):		10.06	Actual purged volume (gal):		35	Avg Purge Rate (gpm):	

RECOVERY CALCULATION

Method: Total Well Depth: 80% Recovery = $[\text{Water Column}] \times 0.20 + [\text{DTW initial}] = 13.45$ ft

Max Drawdown (SD): 80% Recovery = $([\text{DTW after purge}] - [\text{DTW initial}]) \times 0.20 + [\text{DTW initial}] =$ _____ ft

SAMPLING DATA

Date: **11.10.2010** Time: **13:30** am / pm

pH (if required): _____ D.O. (if required): _____ O.R.P. (if required): _____

Depth To Water Before Sampling (ft): **14.11** Notes: _____

Comments: _____



EARTH MANAGEMENT CO.
Environmental Remediation

FIELD DATA - GROUNDWATER PURGING & SAMPLING

Site: THRIFTY OIL CO. # 063		Date: 11-10-2010																		
Address: 6125 TELEGRAPH AVE, OAKLAND, CA 94609		Well ID#: MW-5																		
Personnel: SERBATA P		Weather: SUNNY DAY																		
Purging Equipment: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Diaphragm Pump <input type="checkbox"/> Electric submersible <input type="checkbox"/> Pneumatic submersible <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Vacuum Truck <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other		Sampling Equipment: <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Other																		
Monitoring Eq.: Water level instrument: YELLOW JACKET pH/Temp/Cond Meter: HANNA																				
Time of measurement: 8:15	Well casing dia. (in): 4	<table border="1" style="font-size: small;"> <tr> <th>Well Dia</th> <th>1"</th> <th>2"</th> <th>4"</th> <th>6"</th> <th>12"</th> </tr> <tr> <td>3 Casing Vol</td> <td>0.12</td> <td>0.49</td> <td>1.96</td> <td>4.40</td> <td>17.62</td> </tr> <tr> <td>Borehole Vol</td> <td>0.40</td> <td>0.77</td> <td>1.51</td> <td>2.57</td> <td>7.71</td> </tr> </table> <p><i>Note for borehole volume, add 1/2 BH vol for each subsequent passes</i></p>	Well Dia	1"	2"	4"	6"	12"	3 Casing Vol	0.12	0.49	1.96	4.40	17.62	Borehole Vol	0.40	0.77	1.51	2.57	7.71
Well Dia	1"		2"	4"	6"	12"														
3 Casing Vol	0.12		0.49	1.96	4.40	17.62														
Borehole Vol	0.40		0.77	1.51	2.57	7.71														
Total Well Depth (ft): 26.22	Depth To Product (ft):																			
Depth To Water (ft): 14.09	Product Thickness (ft):																			
Water Column (ft): 12.13	Purge Vol Calculation: <input type="checkbox"/> Casing Vol. <input type="checkbox"/> Borehole Vol. (SD)	Estimated Purge Volume (gal) : <div style="border: 1px solid black; padding: 2px; display: inline-block;"> $12.13 \times 1.96 = 23$ </div> <small>water column multiplier</small>																		

PURGING DATA

Time		Volume removed (gallons)	Temp °F or °C	pH	Cond µS	Turbidity	Observations
(hh:mm)	(min)						
9:55	0	START PURGING					
10:00	5	5	70.2	5.82	1530	CLEAR	
10:05	5	5	69.9	5.87	1560	CLEAR	
10:10	5	5	69.6	5.84	1590	CLEAR	
10:15	5	5	69.4	5.82	1620	CLEAR	
10:20	5	5	69.4	5.82	1610	CLEAR	
DTW immed. after purge (ft): 14.00			Actual purged volume (gal): 25		Avg Purge Rate (gpm):		

RECOVERY CALCULATION

Method: Total Well Depth: $80\% \text{ Recovery} = [12.13] \times 0.20 + [14.09] = 16.51$ ft
Water Column DTW initial

Max Drawdown (SD): $80\% \text{ Recovery} = ([] - []) \times 0.20 + [] =$ ft
DTW after purge DTW initial DTW initial

SAMPLING DATA

Date: 11.10.2010	Time: 13:25	am / pm	pH (if required):	D.O. (if required):	O.R.P. (if required):
Depth To Water Before Sampling (ft): 16.04		Notes:			

Comments:

APPENDIX B



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 265051 ✓

REPORTED 11/16/2010

RECEIVED 11/12/2010

PROJECT Station #063 ✓
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS Global ID: T0600101366

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

1124986
1124987
1124988
1124989
1124990
1124991
1124992
1124993
1124994

✓
Client Sample Identification

TOC #063 MW-7
TOC #063 MW-4
TOC #063 MW-3
TOC #063 MW-8
TOC #063 MW-6
TOC #063 MW-5
TOC #063 MW-1
TOC #063 Trip Blank
Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	1.0	1.0	1	0.18	ug/L	11/15/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/15/10 RP
Ethyl benzene	2400	100.0	500.0	21.0	ug/L	11/16/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/15/10 RP
Methyl-tert-butylether (MTBE)	3.0	1.0	1	0.19	ug/L	11/15/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/15/10 RP
Tertiary butyl alcohol (TBA)	ND	1.0	10	5.2	ug/L	11/15/10 RP
Toluene	1.3J	1.0	5	0.24	ug/L	11/15/10 RP
Xylenes, total	10300	100.0	500.0	45.0	ug/L	11/16/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	97			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	118			%	70 - 135	
Surr3 - Toluene-d8	99			%	70 - 135	
Surr4 - p-Bromofluorobenzene	112			%	70 - 135	
8015B - Gasoline						
Gasoline	29800	20.0	1000.0	132.0	ug/L	11/16/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	99			%	60 - 140	

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



Matrix: WATER

Date Sampled: 11/10/2010 Time Sampled: 15:1

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/15/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/15/10 RP
Ethyl benzene	1.1J	1.0	5	0.21	ug/L	11/15/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/15/10 RP
Methyl-tert-butylether (MTBE)	96	1.0	1	0.19	ug/L	11/15/10 RP
Tert-amylmethylether (TAME)	6.1	1.0	1.0	0.19	ug/L	11/15/10 RP
Tertiary butyl alcohol (TBA)	739	1.0	10	5.2	ug/L	11/15/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/15/10 RP
Xylenes, total	15	1.0	5	0.45	ug/L	11/15/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	101			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	120			%	70 - 135	
Surr3 - Toluene-d8	96			%	70 - 135	
Surr4 - p-Bromofluorobenzene	102			%	70 - 135	
8015B - Gasoline						
Gasoline	469	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	107			%	60 - 140	

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



Matrix: WATER

Date Sampled: 11/10/2010 Time Sampled: 14:4

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/15/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/15/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/15/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/15/10 RP
Methyl-tert-butylether (MTBE)	51	1.0	1	0.19	ug/L	11/15/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/15/10 RP
Tertiary butyl alcohol (TBA)	158	1.0	10	5.2	ug/L	11/15/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/15/10 RP
Xylenes, total	2.6J	1.0	5	0.45	ug/L	11/15/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	94			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	116			%	70 - 135	
Surr3 - Toluene-d8	97			%	70 - 135	
Surr4 - p-Bromofluorobenzene	98			%	70 - 135	
8015B - Gasoline						
Gasoline	84	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	90			%	60 - 140	

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/16/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/16/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/16/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/16/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	11/16/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/16/10 RP
Tertiary butyl alcohol (TBA)	ND	1.0	10	5.2	ug/L	11/16/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/16/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/16/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	92			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	113			%	70 - 135	
Surr3 - Toluene-d8	96			%	70 - 135	
Surr4 - p-Bromofluorobenzene	101			%	70 - 135	
3015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	89			%	60 - 140	

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



Matrix: WATER

Date Sampled: 11/10/2010 Time Sampled: 13:3

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/16/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/16/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/16/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/16/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	11/16/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/16/10 RP
Tertiary butyl alcohol (TBA)	ND	1.0	10	5.2	ug/L	11/16/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/16/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/16/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	92			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	114			%	70 - 135	
Surr3 - Toluene-d8	96			%	70 - 135	
Surr4 - p-Bromofluorobenzene	103			%	70 - 135	
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	87			%	60 - 140	

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



Matrix: WATER

Date Submitted: 11/10/2010 Time Sampled: 13:26

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/16/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/16/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/16/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/16/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	11/16/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/16/10 RP
Tertiary butyl alcohol (TBA)	23	1.0	10	5.2	ug/L	11/16/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/16/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/16/10 RP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	116	%	70 - 135
Surr3 - Toluene-d8	96	%	70 - 135
Surr4 - p-Bromofluorobenzene	100	%	70 - 135

8015B - Gasoline

Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
----------	----	-----	----	-----	------	-------------

Surrogates		Units	Control Limits
p-Bromofluorobenzene (Sur)	87	%	60 - 140

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



Matrix: WATER

Date Sampled: 11/10/2010 Time Sampled: 13:26

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/16/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/16/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/16/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/16/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	11/16/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/16/10 RP
Tertiary butyl alcohol (TBA)	ND	1.0	10	5.2	ug/L	11/16/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/16/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/16/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	92			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135	
Surr3 - Toluene-d8	98			%	70 - 135	
Surr4 - p-Bromofluorobenzene	98			%	70 - 135	
1015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	88			%	60 - 140	

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



Matrix: WATER

Date Sampled: 11/10/2010 Time Sampled: 00:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/16/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/16/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/16/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/16/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	90			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	116			%	70 - 135	
Surr3 - Toluene-d8	98			%	70 - 135	
Surr4 - p-Bromofluorobenzene	102			%	70 - 135	
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	88			%	60 - 140	

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



Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	11/15/10 RP
Di-isopropyl ether (DIPE)	ND	1.0	1.0	0.20	ug/L	11/15/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	11/15/10 RP
Ethyl-tertbutylether (ETBE)	ND	1.0	1.0	0.23	ug/L	11/15/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	11/15/10 RP
Tert-amylmethylether (TAME)	ND	1.0	1.0	0.19	ug/L	11/15/10 RP
Tertiary butyl alcohol (TBA)	ND	1.0	10	5.2	ug/L	11/15/10 RP
Toluene	ND	1.0	5	0.24	ug/L	11/15/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	11/15/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	93			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135	
Surr3 - Toluene-d8	97			%	70 - 135	
Surr4 - p-Bromofluorobenzene	102			%	70 - 135	
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	11/15/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	86			%	60 - 140	

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



ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: November 16, 2010

Analysis Date 11/16/10-11/17/10

Lab ID#'s in Batch: 265060 , 265141 , 265151 , 265171 , 265121 , 265051.

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	411	447	82	89	8

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	87
LCS	112
LCSD	110

BFB = p-Bromofluorobenzene

LCS REPORT FORM

QC Sample: G1-LCS&LCSD
 Matrix: WATER
 Prep. Date: November 15, 2010
 Analysis Date: 11/15/10-11/16/10
 Lab ID#'s in Batch: 265051 , 265099 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	451	462	90	92	2

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	86
LCS	112
LCSD	113

BFB = p-Bromofluorobenzene

ASSOCIATED LABORATORIE

QA / QC EPA Methods 8260 - GCMS # 5

Sample ID: *MS/MSD Water Sample* 265051-989
 Date Prepared: November 16, 2010
 Date Analyzed: 11/16-11/17/10
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 265051, 264880, 264970, 265069, 264830, 265060, 265071

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	59.2	59.0	118	118	0	22	59 - 172
MTBE	0.00	50.0	54.2	55.2	108	110	2	24	62 - 137
Benzene	0.00	50.0	51.3	52.0	103	104	1	24	62 - 137
Trichloroethene	0.00	50.0	47.2	48.2	94	96	2	21	66 - 142
Toluene	0.00	50.0	49.3	47.8	99	96	3	21	59 - 139
Chlorobenzene	0.00	50.0	49.7	49.7	99	99	0	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	56.1	112	59 - 172
MTBE	50.0	50.9	102	62 - 137
Benzene	50.0	51.1	102	62 - 137
Trichloroethene	50.0	47.2	94	66 - 142
Toluene	50.0	48.1	96	59 - 139
Chlorobenzene	50.0	48.8	98	60 - 133

*=Outside QC limits due to high concentration in sample

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

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	93	94	100	100	98	70 - 135
1,2-Dichloroethane-d4	115	112	103	104	102	70 - 135
Toluene-d8	97	96	99	96	100	70 - 135
p-Bromofluorobenzene	97	100	93	99	96	70 - 135

ASSOCIATED LABORATORIE

QA / QC EPA Methods 8260 - GCMS # 5

Sample ID: *MS/MSD Water Sample* 265118-234
 Date Prepared: November 15, 2010
 Date Analyzed: 11/15-11/16/10
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 264950, 265033, 265118, 265051, 264769, 264829, 263626

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	56.6	60.0	113	120	6	22	59 - 172
MTBE	0.00	50.0	51.3	56.9	103	114	10	24	62 - 137
Benzene	0.00	50.0	49.9	52.5	100	105	5	24	62 - 137
Trichloroethene	0.00	50.0	48.1	49.7	96	99	3	21	66 - 142
Toluene	0.00	50.0	50.0	50.6	100	101	1	21	59 - 139
Chlorobenzene	0.00	50.0	51.7	50.1	103	100	3	21	60 - 133

Sample ID: *LCS*

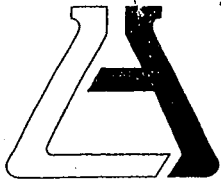
Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	61.1	122	59 - 172
MTBE	50.0	54.7	109	62 - 137
Benzene	50.0	53.6	107	62 - 137
Trichloroethene	50.0	52.8	106	66 - 142
Toluene	50.0	52.3	105	59 - 139
Chlorobenzene	50.0	51.9	104	60 - 133

*=Outside QC limits due to high concentration in sample

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

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	93	92	97	102	100	70 - 135
1,2-Dichloroethane-d4	112	113	101	107	102	70 - 135
Toluene-d8	97	99	99	98	102	70 - 135
p-Bromofluorobenzene	102	98	94	90	100	70 - 135



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: TOC Project: TOC #063
 Date Received: 11-12-10 Sampler's Name: Yes No
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: OSO TRUCK 106683785

Section 2
 Was the cooler packed with: Ice ___ Ice Packs ___ Bubble Wrap ___ Styrofoam ___
 ___ Paper ___ None ___ Other ___
 Cooler or box temperature: 40C
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<input checked="" type="checkbox"/>		
Were custody seals present?		<input checked="" type="checkbox"/>	
If Yes - were they intact?			<input checked="" type="checkbox"/>
Were all samples sealed in plastic bags?	<input checked="" type="checkbox"/>		
Did all samples arrive intact? If no, indicate below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were correct containers used for the tests required?	<input checked="" type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>		
Was there headspace in VOA vials?		<input checked="" type="checkbox"/>	
Were the containers labeled with correct preservatives?			<input checked="" type="checkbox"/>
Was total residual chlorine measured (Fish Bioassay samples only)? *			<input checked="" type="checkbox"/>

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

Section 4
 Explanations/Comments

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

Completed By: [Signature] Date: 11-12-10

Chain of Custody Record

ASSOCIATED LABORATORIES

806 North Batavia ■ Orange, CA 92868

Phone: (714) 771-6900 ■ Fax: (714) 538-1209



Company: THRIFTY OIL CO.	Phone: 562 (922-3584)	A.L. Job No. 265051V	Page 1 of 1
Project Manager: JEFF SURYAKUSUMA	Fax: 562 (922-7510)	Analysis Requested	
Project Name: Q.W.S.	Project #: 063		
Site Name and Address: 6125 TELEGRAPH AVE OAKLAND CA 94609		Test Instructions & Comments	

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPHG (8015M)	BTEX (8260B)	OXYGENATED
1 MW-7		11.10.2010	15:20	H ₂ O	4-VOA	NONE	X	X	X
2 MW-4		↑	15:10	↑	↑	↑	X	X	X
3 MW-3		↑	14:40	↑	↑	↑	X	X	X
4 WW-8		↑	13:40	↑	↑	↑	X	X	X
5 MW-6		↑	13:30	↑	↑	↑	X	X	X
6 MW-5		↑	13:25	↑	↑	↑	X	X	X
7 MW-1		↑	13:20	↑	↑	↑	X	X	X
8 TRIP BLANK		11.10.2010	00:00	H ₂ O	2-VOA	NONE	X	X	
9									
10									
11									
12									
13									
14									
15									

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: EMC 1.		Relinquished by 2.		Relinquished by 3.			
Total Number of Containers		Property Cooled Y / N / NA		Signature: <i>[Signature]</i>		Signature:		Signature:			
Custody Seals Y / N / NA		Samples Intact Y / N / NA		Printed Name: SURYAKUSUMA P		Printed Name:		Printed Name:			
Received in Good Condition Y / N		Samples Accepted Y / N		Date: 11.10.2010 Time: 16:00		Date: Time:		Date: Time:			
Turn Around Time				Received By: G.S.O. 1.		Received By: 2.		Received By: 3.			
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:		Signature: <i>[Signature]</i>		Signature:			
				Printed Name:		Printed Name: Henry A		Printed Name:		Printed Name:	
				Date: Time:		Date: 11-17-10 Time: 8:49		Date: Time:		Date: Time:	

APPENDIX C

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 12-22-2010

OBSERVATIONS AND COMMENTS: ADD OIL, CHECK BELT, DRAIN
WATER FROM COMPRESSOR TANK, CHECK PUMP IN
MW-4 WFW, CHECK TRANSFER PUMP, CHECK
HOSES FOR DAMAGE, CLEAN INSIDE COMPOUND,
DRAIN WATER FROM FILTER/REGULATOR UNIT,

FLOW METER READING: -2507890-

SAMPLES OBTAINED: N/A

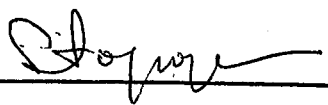
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.2

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: 

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERRA P

DATE OF INSPECTION: 12-16-2010

OBSERVATIONS AND COMMENTS: WATER SAMPLING FROM SYSTEM

FLOW METER READING: 2506570-

SAMPLES OBTAINED: YES INLET, INT-2, INT-1

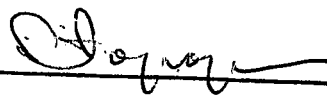
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.1

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 12-15-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, ADD OIL, CHECK PUMP
IN MW-3, CHECK TRANSFER PUMP, DRAIN WATER
FROM COMPRESSOR TANK, CHECK FILTER FROM
FILTER/REGULATOR UNIT,

FLOW METER READING: -2506430-

SAMPLES OBTAINED: N/A

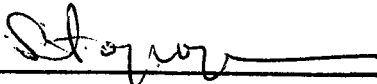
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 12-07-2010

OBSERVATIONS AND
COMMENTS: CHECK OIL, CHECK BELT, CHECK
TRANSFER PUMP, DRAIN WATER FROM COMPRESSOR
TANK, CHECK PUMP IN MW-4 WELL

FLOW METER READING: 2505310-

SAMPLES OBTAINED: N/A

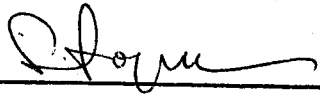
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-30-2010

OBSERVATIONS AND COMMENTS: CHECK PUMP, ADD OIL, CHECK
TRANSFER PUMP, CHECK AND CLEAN FILTERS
FOR MW 3 AND MW 4 PUMP FILTERS/REGULATOR
DRAIN WATER FROM COMPRESSOR TANK,
CHECK PUMP IN MW-3,

FLOW METER READING: - 2504450 -

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.2

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-24-2010

OBSERVATIONS AND COMMENTS: CHECK OIL, CHECK BELT DRUM
WATER FROM COMPRESSOR TANK, CHECK
TRANSFER PUMP, CHECK PUMP IN MW-3
CHECK FILTERS FROM FILTER/REGULATOR FOR
MW-3 AND MW-4 PUMPS, CHECK DRUMS AND
HOSES FOR DAMAGE AND LEAKS

FLOW METER READING: -2503730-

SAMPLES OBTAINED: N/A

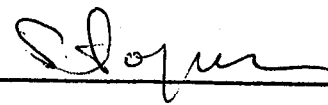
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-18-2010

OBSERVATIONS AND COMMENTS: CHECK BELT, CHECK OIL, ADD OIL,
CHECK AIR FILTER CHECK FILTER FOR FILTER
REGULATOR FOR MW3 AND MW-4 DUMPS,
ADJUST WATER FROM COMPRESSOR TANK, CHECK
TRANSFER PUMP,

FLOW METER READING: -2503090-

SAMPLES OBTAINED: N/A

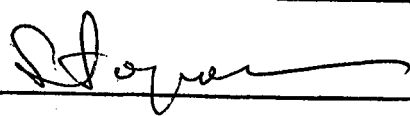
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.2

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOC # 063
 ADDR: 6125 TELEGRAPH A
OAKLAND 94609
 DATE: 11-11-2010
 PERSON: DEBATH

Remediation System Type: AS SVE DPE GWT FPR Other

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		✓		2502800	
FPR	FP Recovery					
O	Other:					

UTILITIES:
 Electrical Meter: _____
 Nat. gas Meter: _____
 Propane Tank Level: _____

OTHER NOTES:
RESTART SYSTEM AFTER Q.W.S.

ALWAYS OBSERVE SAFETY PROCEDURES!

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 11-04-2010

OBSERVATIONS AND
COMMENTS: SHUT DOWN FOR QWS-

FLOW METER READING: 2502600

SAMPLES OBTAINED: _____

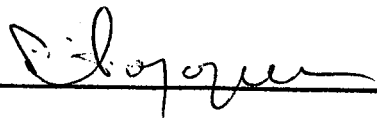
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: _____

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / SHUTDOWN REPO

SITE:

ADDR:

DATE:

PERSON:

TOE # 063
 6125 TRAILGRAPL
 OKLAHOMA 9460
 11-06-2010
 JEDDAH

Remediation System Types: AS SVE DPE GWT FPR Other

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		✓		2502600	
FPR	FF Recovery					
O	Other:					

UTILITIES:

Electrical Meter: - N/A
 Nat. gas Meter: - N/A
 Propane Tank Level: - N/A

OTHER NOTES:

SHUT DOWN FOR QWS.

ALWAYS OBSERVE SAFETY PROCEDURES!

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN A

DATE OF INSPECTION: 11-02-2010

OBSERVATIONS AND COMMENTS: CHECK BELT, ADD OIL, DRAIN
WATER FROM COMPRESSOR TANK, CHECK
TRANSFER PUMP, CHECK PUMP IN MW-4
CHECK PICTURE FOR MW 4 AND MW-3 AND
REPLACE

FLOW METER READING: -2502400-

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBACH P.

DATE OF INSPECTION: 10-26-2010

OBSERVATIONS AND
COMMENTS: DRAIN WATER FROM COMPRESSOR
TRAW, ADD OIL, CHECK BELT, CHECK
TRANSFER PUMP, CHECK HOSES AND DRUM
FOR DAMAGE

FLOW METER READING: 2502350-

SAMPLES OBTAINED: N/A

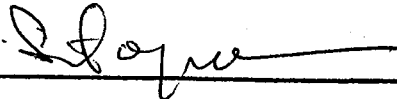
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: 

(063)

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 10-21-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, ADD OIL, CHECK
TRANSFER PUMP, TAKE WATER SAMPLING
FROM SYSTEM,

FLOW METER READING: -2502300-

SAMPLES OBTAINED: INLET, INT-2, INT-1.

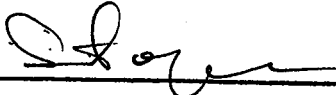
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

SITE:

ADDR:

DATE:

PERSON:

TOC # 063
6125 TELEGRAPH
OAKLAND, 94609
10-14-2010
SEBETH

Remediation System Type: AS SVE DPE GWT FPR Other

System Type		Action		Hour Meter (hr)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		✓		25021604	
FPR	FP Recovery					
O	Other:					

UTILITIES:

Electrical Meter: N/A
Nat. gas Meter: N/A
Propane Tank Level: N/A

OTHER NOTES:

RE-START SYSTEM AFTER PILOT TEST.
REINSTAL PUMP IN MW-4

ALWAYS OBSERVE SAFETY PROCEDURES!



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOC 1063
 ADDR: 625 TULLETTAN
ORLANDO
 DATE: 04-09-2020
 PERSON: DEBATH

Remediation System Type: AS SVE DPE GWT FPR Other

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		X		2489710	
FPR	FP Recovery					
O	Other:					

UTILITIES:
 Electrical Meter: N/A
 Nat. gas Meter: N/A
 Propane Tank Level: N/A

OTHER NOTES:
SHUT DOWN FOR PILOT TEST WORK

ALWAYS OBSERVE SAFETY PROCEDURES!

062

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERRA A F

DATE OF INSPECTION: 09-09-2010

OBSERVATIONS AND
COMMENTS: TAKE PUMP FROM MW-4 WELLS
SHUT DOWN SYSTEM FOR PILOT TEST

FLOW METER READING: 248970

SAMPLES OBTAINED: _____

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: _____

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 08-31-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, ADD OIL, CHECK
TRANSFER PUMP, CHECK FILTER FROM
FILTER/REGULATOR UNIT FOR MW-3 AND
MW-4 PUMPS,

FLOW METER READING: 2489030-

SAMPLES OBTAINED: N/A

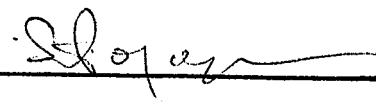
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 08-31-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, ADD OIL, CHECK
TRANSFER PUMP, CHECK FILTERS FROM
FILTER/REGULATOR UNIT FOR MW-3 AND
MW-4 PUMPS,

FLOW METER READING: 2489030-

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: *Serban*

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATH P.

DATE OF INSPECTION: 08-25-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, ADD OIL, DRAIN WATER
FROM COMPRESSOR TANK, MAINTAIN TRANSFER
PUMP, CHECK HOSES FOR LEAK AND TEAR DOWN
AREA INSIDE COMPOUND, CHECK PUMP IN MW-4 WELL

FLOW METER READING: 2488270

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.3

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: *Serbat P.*

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATA P

DATE OF INSPECTION: 08-17-2010

OBSERVATIONS AND
COMMENTS: CHECK BLEND, ADD OIL, DRAIN WATER
FROM COMPRESSOR TANK, CHECK TRANSFER
PUMP, CHECK FILTERS FROM FILTER/REGULATOR
FOR MW-3 AND MW-4 PUMPS, CHECK
PUMP IN MW-3,

FLOW METER READING: 2487710-

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.4

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATT P.

DATE OF INSPECTION: 08-11-2010

OBSERVATIONS AND
COMMENTS:

FLOW METER READING: -2486850-

SAMPLES OBTAINED: SYSTEM WATER SAMPLING (INLET, INT-1, INT-2)

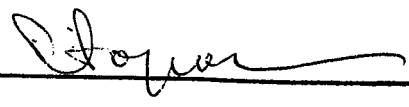
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

(062)

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBACI P.

DATE OF INSPECTION: 08-10-2010

OBSERVATIONS AND
COMMENTS: CHECK OIL, ADD OIL, CHECK BELT, CHECK
TRANSFER PUMP, CHECK PUMP IN MW-3, CHECK AND
REPLACE SAND FILTERS FROM FILTER/REGULATOR
FOR MW-3 AND MW-4 PUMPS; DRINK WATER
FROM COMPRESSOR TANK,

FLOW METER READING: 2486690

SAMPLES OBTAINED: NO

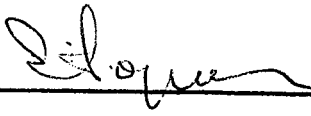
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.6

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.2

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATI P.

DATE OF INSPECTION: 08-04-2010

OBSERVATIONS AND
COMMENTS: CHECK BELT, CHECK TRANSFER
PUMP, DRINK COMPRESSOR TANK, ADD OIL
CHECK PUMP IN MW-3, CLEAN INSIDE AND
OUTSIDE COMPOUND,

FLOW METER READING: -2486070 -

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 07-27-2010

OBSERVATIONS AND COMMENTS: CHECK OIL, CHECK BELT, DRINK.
WATER FROM COMPRESSOR TANK, CHECK TRANSFER
PUMP, CHECK PUMP IN MW-4 WELL, CHECK
AND CHECK FILTER FROM FILTER/REGULATOR
FOR MW-3 AND MW-4 PUMPS

FLOW METER READING: 2485420-

SAMPLES OBTAINED: N/A

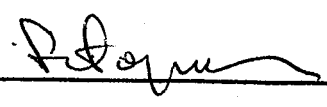
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 07-23-2010

OBSERVATIONS AND
COMMENTS: _____

FLOW METER READING: 2484940-

SAMPLES OBTAINED: FROM SYSTEM

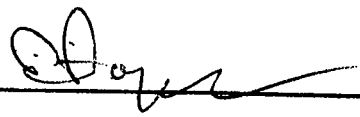
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAY P.

DATE OF INSPECTION: 07-20-2010

OBSERVATIONS AND COMMENTS: CHECK OIL, ADD OIL, CHECK
BELT, CHECK TRANSFER PUMP, DRAIN
WATER + OIL FROM COMPRESSOR TANK,
CHECK PUMP IN MW-4 WELL

FLOW METER READING: - 2484760 -

SAMPLES OBTAINED: N/A

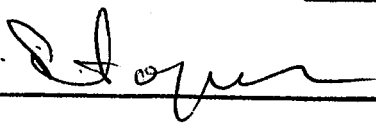
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 07-13-2010

OBSERVATIONS AND
COMMENTS: CHECK OIL, CHECK BELT, CHECK
TRANSFER PUMP, DRAIN COMPRESSOR
TANK, CHECK FILTER FOR FILTER/REGULATOR
UNIT FOR MW-3 AND MW-4 PUMPS

FLOW METER READING: 2483780-

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.2

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATA P

DATE OF INSPECTION: 07-07-2010

OBSERVATIONS AND
COMMENTS: CHECK TRANSFER PUMP, DRAIN
WATER FROM COMPRESSOR TANK, CHECK
TRANSFER PUMP, ADD OIL, CHECK BELT,
CLEAR IN SIDE AND OUTSIDE COORDINATE,
CHECK HOSES AND DRUMS FOR WEAR AND
CRACK

FLOW METER READING: 248286

SAMPLES OBTAINED: N/A

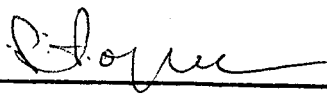
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.1

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: JERBA P

DATE OF INSPECTION: 07-02-2010

OBSERVATIONS AND COMMENTS: CHECK PUMP, ADD OIL, CHECK

TRANSFER PUMP, DRAIN WATER FROM COMPRESSOR

TANK, CHECK PUMP FOR MW-4 WELL

FLOW METER READING: 2481490-

SAMPLES OBTAINED: N/A

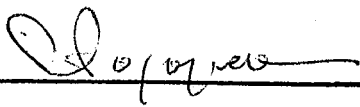
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.2

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATA

DATE OF INSPECTION: 06-23-2010

OBSERVATIONS AND
COMMENTS: DRINK WATER FROM COMPRESSOR TANK,
CHECK TRANSFER PUMP, CHECK AND ADD OIL,
CHECK BELT, CHECK DRUMS AND HOSES FOR WEAR
CHECK PUMP IN MW-2

FLOW METER READING: 2481130-

SAMPLES OBTAINED: H/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

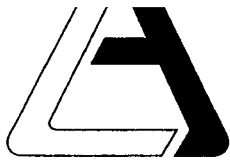
PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.4

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.6

INSPECTOR'S SIGNATURE: [Signature]

APPENDIX D



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 267098 ✓

REPORTED 12/24/2010

RECEIVED 12/17/2010

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

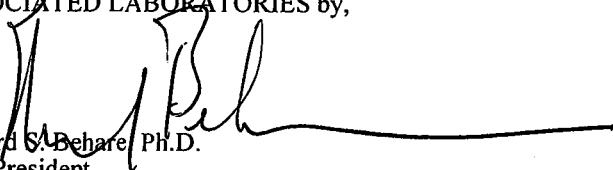
COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
1133425	TOC #063 Inlet
1133426	TOC #063 Int-2
1133427	TOC #063 Int-1
1133428	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	1.5	1.0	0.5	0.23	ug/L	12/22/10 LT
Ethyl benzene	0.6	1.0	0.5	0.26	ug/L	12/22/10 LT
Methyl t - butyl ether	17	1.0	5	0.42	ug/L	12/22/10 LT
Toluene	3.1	1.0	0.5	0.23	ug/L	12/22/10 LT
Xylene (total)	8.5	1.0	1.0	0.81	ug/L	12/22/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	95			%	60 - 140	
8015B - Gasoline						
Gasoline	528	1.0	50	6.6	ug/L	12/22/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	95			%	60 - 140	

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	1.0	1.0	0.5	0.23	ug/L	12/22/10 LT
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	12/22/10 LT
Methyl t - butyl ether	9.8	1.0	5	0.42	ug/L	12/22/10 LT
Toluene	1.8	1.0	0.5	0.23	ug/L	12/22/10 LT
Xylene (total)	2.3	1.0	1.0	0.81	ug/L	12/22/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140
8015B - Gasoline						
Gasoline	253	1.0	50	6.6	ug/L	12/22/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140

'QL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ID = Not detected below indicated MDL, J=Trace



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	12/21/10 LT
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	12/21/10 LT
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	12/21/10 LT
Toluene	ND	1.0	0.5	0.23	ug/L	12/21/10 LT
Xylene (total)	ND	1.0	1.0	0.81	ug/L	12/21/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	90				%	60 - 140
3015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	12/21/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	90				%	60 - 140

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



Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	12/21/10 LT
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	12/21/10 LT
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	12/21/10 LT
Toluene	ND	1.0	0.5	0.23	ug/L	12/21/10 LT
Xylene (total)	ND	1.0	1.0	0.81	ug/L	12/21/10 LT
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	91				%	60 - 140
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	12/21/10 LT
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	91				%	60 - 140

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



LCS REPORT FORM

QC Sample: G5-LCS&LCSD

Matrix: WATER

Prep. Date: December 21, 2010

Analysis Date 12/21/10-12/22/10

Lab ID#'s in Batch: 266994 , 266925 , 266983 , 266990 , 267088 , 267098 , 267097 , 267092 , 267094 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	430	421	86	84	2

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	91
LCS	94
LCSD	94

BFB = p-Bromofluorobenzene

LCS REPORT FORM

QC Sample: G5-LCS/LCSD

Matrix: WATER

Prep. Date: 12/21/10

Analysis Date: 12/21/10-12/22/10

Lab ID#'s in Batch: 266978 , 266980 , 266994 , 266991 , 266992 , 266925 , 266983 , 266990 , 267088 , 267093 , 267098 , 26709

REPORTING UNITS = ug/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	19.9	18.8	100	94	6
Toluene	8021	ND	20	21.1	23.3	106	117	10
Ethylbenzene	8021	ND	20	20.7	22.0	104	110	6
Xylenes	8021	ND	60	64.8	68.9	108	115	6

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	91
LCS	91
LCSD	97

BFB=p-Bromofluorobenzene

LCS REPORT FORM

QC Sample: G5-LCS/LCSD
 Matrix: WATER
 Prep. Date: 12/22/10
 Analysis Date: 12/22/10-12/23/10
 Lab ID#'s in Batch: 266981 , 266979 , 266995 , 267002 , 267097 , 267098 .

REPORTING UNITS = ug/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	19.2	19.5	96	98	2
Toluene	8021	ND	20	20.9	20.9	105	105	0
Ethylbenzene	8021	ND	20	20.6	20.6	103	103	0
Xylenes	8021	ND	60	64.8	64.5	108	108	0

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

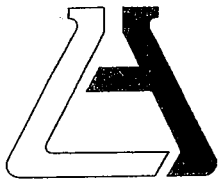
%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	89
LCS	91
LCSD	90

BFB=*p*-Bromofluorobenzene



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Joe Project: Joe # 063
 Date Received: 12-1-04 Sampler's Name: Yes No
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: 6507EK# 106724783

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler or box temperature: 5.0
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<input checked="" type="checkbox"/>		
Were custody seals present?		<input checked="" type="checkbox"/>	
If Yes - were they intact?			<input checked="" type="checkbox"/>
Were all samples sealed in plastic bags?	<input checked="" type="checkbox"/>		
Did all samples arrive intact? If no, indicate below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were correct containers used for the tests required?	<input checked="" type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>		
Was there headspace in VOA vials?		<input checked="" type="checkbox"/>	
Were the containers labeled with correct preservatives?			<input checked="" type="checkbox"/>
Was total residual chlorine measured (Fish Bioassay samples only)? *			<input checked="" type="checkbox"/>

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

Section 4
 Explanations/Comments

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

Completed By: Pliny A Date: 12-17-04

Chain of Custody Record

ASSOCIATED LABORATORIES

806 North Batavia ■ Orange, CA 92868
Phone: (714) 771-6900 ■ Fax: (714) 538-1209



Company: THRIFTY OIL CO.	Phone: 562(921-3581)	A.L. Job No. 2670984	Page 1 of 1
Project Manager: JEFF SURYAKUSUMA	Fax: 562(921-7510)	Analysis Requested	
Project Name: SYSTEM WATER SAMPLE	Project #: 063 ✓		
Site Name and Address: 6125 TELEGRAPH AVE OAKLAND CA. 94609		Test Instructions & Comments	

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPHC(8015M)	BTEX(8021B)	MTBE(8021B)
1 INLET		12.16.10	13:00	H ₂ O	4-VOA	NONH ₂	X	X	X
2 INT-2		12.16.10	13:10	H ₂ O	4-VOA	NONH ₂	X	X	X
3 INT-1		12.16.10	13:20	H ₂ O	4-VOA	NONH ₂	X	X	X
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C. 1.		Relinquished by _____ 2.		Relinquished by _____ 3.	
Total Number of Containers		Properly Cooled Y / N / NA		Signature: <i>[Signature]</i>		Signature:		Signature:	
Custody Seals Y / N / NA		Samples Intact Y / N / NA		Printed Name: STEPHEN P.		Printed Name:		Printed Name:	
Received in Good Condition Y / N		Samples Accepted Y / N		Date: 12.16.10 Time: 16:00		Date:	Time:	Date:	Time:
Turn Around Time				Received By: G.S.O. 1.		Received By: ASC 2.		Received By: _____ 3.	
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:		Signature:		Signature:	
				Printed Name:		Printed Name: [Signature]		Printed Name:	
				Date:	Time:	Date: 12-17-10	Time: 15:00	Date:	Time:



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 263867 ✓

REPORTED 11/02/2010

RECEIVED 10/22/2010

PROJECT Station #063 ✓
6125 Telegraph Ave., Oakland

SUBMITTER Client


COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
1120320	TOC #063 Inlet
1120321	TOC #063 Int-2
1120322	TOC #063 Int-1
1120323	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	61	1.0	1	0.18	ug/L	10/27/10 RP
Ethyl benzene	339	10.0	50.0	2.1	ug/L	10/27/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	10/27/10 RP
Toluene	1120	10.0	50.0	2.4	ug/L	10/27/10 RP
Xylenes, total	1930	10.0	50.0	4.5	ug/L	10/27/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	102			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	93			%	70 - 135	
Surr3 - Toluene-d8	102			%	70 - 135	
Surr4 - p-Bromofluorobenzene	106			%	70 - 135	
8015B - Gasoline						
Gasoline	10100	10.0	500.0	66.0	ug/L	10/25/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	66			%	60 - 140	

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	23	10.0	10.0	1.8	ug/L	11/01/10 RP
Ethyl benzene	80	10.0	50.0	2.1	ug/L	11/01/10 RP
Methyl-tert-butylether (MTBE)	ND	10.0	10.0	1.9	ug/L	11/01/10 RP
Toluene	346	10.0	50.0	2.4	ug/L	11/01/10 RP
Xylenes, total	442	10.0	50.0	4.5	ug/L	11/01/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	94			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	113			%	70 - 135	
Surr3 - Toluene-d8	101			%	70 - 135	
Surr4 - p-Bromofluorobenzene	101			%	70 - 135	
8015B - Gasoline						
Gasoline	3730	5.0	250.0	33.0	ug/L	10/27/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	107			%	60 - 140	

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	10/27/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	10/27/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	10/27/10 RP
Toluene	ND	1.0	5	0.24	ug/L	10/27/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	10/27/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	91			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	117			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	97			%	70 - 135	
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	10/26/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	86			%	60 - 140	

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



Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE						
Benzene	ND	1.0	1	0.18	ug/L	10/26/10 RP
Ethyl benzene	ND	1.0	5	0.21	ug/L	10/26/10 RP
Methyl-tert-butylether (MTBE)	ND	1.0	1	0.19	ug/L	10/26/10 RP
Toluene	ND	1.0	5	0.24	ug/L	10/26/10 RP
Xylenes, total	ND	1.0	5	0.45	ug/L	10/26/10 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	97			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	116			%	70 - 135	
Surr3 - Toluene-d8	99			%	70 - 135	
Surr4 - p-Bromofluorobenzene	91			%	70 - 135	
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	10/25/10 LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	66			%	60 - 140	

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



ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 5

Sample ID: *MS/MSD Water Sample* 263745-958
 Date Prepared: October 26, 2010
 Date Analyzed: 10/26-10/27/2010
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 263990, 263902, 263655, 263745, 263867, 264002

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	56.5	54.6	113	109	3	22	59 - 172
MTBE	0.00	50.0	58.8	59.9	118	120	2	24	62 - 137
Benzene	0.00	50.0	52.7	53.2	105	106	1	24	62 - 137
Trichloroethene	0.00	50.0	48.3	49.3	97	99	2	21	66 - 142
Toluene	0.00	50.0	49.8	50.3	100	101	1	21	59 - 139
Chlorobenzene	0.00	50.0	50.8	50.6	102	101	0	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	52.7	105	59 - 172
MTBE	50.0	56.6	113	62 - 137
Benzene	50.0	51.6	103	62 - 137
Trichloroethene	50.0	49.9	100	66 - 142
Toluene	50.0	50.4	101	59 - 139
Chlorobenzene	50.0	51.8	104	60 - 133

*=Outside QC limits due to high concentration in sample

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

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	91	97	104	104	102	70 - 135
1,2-Dichloroethane-d4	113	116	106	104	102	70 - 135
Toluene-d8	101	99	98	98	99	70 - 135
p-Bromofluorobenzene	97	91	96	92	92	70 - 135

A. SOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 5

Sample ID: *MS/MSD Water Sample* 264009-943
 Date Prepared: October 27, 2010
 Date Analyzed: 10/27-10/28/2010
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 263737, 263838, 264002, 263867, 263840, 264009, 263966

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	58.2	61.5	116	123	6	22	59 - 172
MTBE	0.00	50.0	59.8	58.9	120	118	2	24	62 - 137
Benzene	0.00	50.0	52.1	54.5	104	109	5	24	62 - 137
Trichloroethene	0.00	50.0	50.6	52.1	101	104	3	21	66 - 142
Toluene	0.00	50.0	51.0	51.9	102	104	2	21	59 - 139
Chlorobenzene	0.00	50.0	51.6	52.5	103	105	2	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	49.4	99	59 - 172
MTBE	50.0	55.3	111	62 - 137
Benzene	50.0	49.0	98	62 - 137
Trichloroethene	50.0	47.3	95	66 - 142
Toluene	50.0	48.4	97	59 - 139
Chlorobenzene	50.0	49.6	99	60 - 133

*=Outside QC limits due to high concentration in sample

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

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	97	98	103	106	102	70 - 135
1,2-Dichloroethane-d4	119	121	111	109	104	70 - 135
Toluene-d8	100	99	100	99	99	70 - 135
p-Bromofluorobenzene	95	99	92	94	93	70 - 135

ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 5

Sample ID: *MS/MSD Water Sample* 264317-125
 Date Prepared: November 1, 2010
 Date Analyzed: November 1, 2010
 Sample Matrix: Water
 Units: µg/L

Lab ID#'s in Batch: 264028, 264123, 264110, 264093, 263867, 263840, 264317, 263913

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	55.4	56.5	111	113	2	22	59 - 172
MTBE	0.00	50.0	54.9	57.3	110	115	4	24	62 - 137
Benzene	0.00	50.0	52.4	53.1	105	106	1	24	62 - 137
Trichloroethene	0.00	50.0	50.1	50.9	100	102	2	21	66 - 142
Toluene	0.00	50.0	50.2	51.4	100	103	2	21	59 - 139
Chlorobenzene	0.00	50.0	51.1	52.0	102	104	2	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	53.6	107	59 - 172
MTBE	50.0	53.7	107	62 - 137
Benzene	50.0	51.2	102	62 - 137
Trichloroethene	50.0	50.2	100	66 - 142
Toluene	50.0	50.1	100	59 - 139
Chlorobenzene	50.0	52.1	104	60 - 133

*=Outside QC limits due to high concentration in sample

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

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	93	94	101	103	99	70 - 135
1,2-Dichloroethane-d4	118	117	107	107	99	70 - 135
Toluene-d8	98	98	97	99	97	70 - 135
p-Bromofluorobenzene	94	99	98	95	104	70 - 135

LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: October 27, 2010

Analysis Date 10/27/10-10/28/10

Lab ID#'s in Batch: 263769 , 263867 , 263840 , 263966 , 264009 , 264010 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	403	413	81	83	2

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	81
LCS	100
LCSD	98

BFB = p-Bromofluorobenzene

UNITED LABORATORIES
QA REPORT FORM

QC Sample: 263854-279_10ml-MS

Matrix: WATER

Prep. Date: October 25, 2010

Analysis Date: 10/25/10-10/26/10

Lab ID#'s in Batch: 263841 , 263854 , 263867 , 263838 .

Reporting Units = ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD	QC Limits	
									RPD	%REC
TPH	8015M-G	ND	500	422	423	84	85	0	30	70-130

LAB CONTROLLED SPIKE

Test	Method	Method	Spike	LCS	%Rec	QC Limits
		Blank	Added	Spike	LCS	%REC
TPH	8015M-G	ND	500	431	86	80-120

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
QA Sample	64
MS	64
MSD	64
Method Blank	66
LCS	66

BFB=p-Bromofluorobenzene



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: TOC Project: # 63
 Date Received: 10-22-10 Sampler's Name: Yes No
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information:

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler or box temperature: 4.0 C
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<input checked="" type="checkbox"/>		
Were custody seals present?			<input checked="" type="checkbox"/>
If Yes – were they intact?			<input checked="" type="checkbox"/>
Were all samples sealed in plastic bags?	<input checked="" type="checkbox"/>		
Did all samples arrive intact? If no, indicate below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were correct containers used for the tests required?	<input checked="" type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>		
Was there headspace in VOA vials?		<input checked="" type="checkbox"/>	
Were the containers labeled with correct preservatives?	<input checked="" type="checkbox"/>		
Was total residual chlorine measured (Fish Bioassay samples only)? *			<input checked="" type="checkbox"/>

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

Section 4
 Explanations/Comments

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

Completed By: HAO TRON Date: 10-22-10

Chain of Custody Record

ASSOCIATED LABORATORIES

806 North Batavia ■ Orange, CA 92868

Phone: (714) 771-6900 ■ Fax: (714) 538-1209

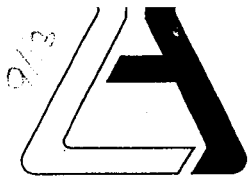


263867
Page 1 of 1

Company: THRIFTY OIL CO	Phone: 562(921-3581)	A.L. Job No.	
Project Manager: JEFF JURY AKUSUMI	Fax: 562(921-7510)	Analysis Requested	
Project Name: SYSTEM WATER SAMPLING	Project #: 063	Test Instructions & Comments	
Site Name and Address: 6125 TELEGRAPH AVE ORANGE CA 92669			

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPUB (804B)	BTEX (P260A)	MTBE									
1		10.21.2010	11:00	H ₂ O	4-VOA	H0H9	X	X	X									
2		10.21.2010	11:10	H ₂ O	4-VOA	H0H9	X	X	X									
3		10.21.2010	11:20	H ₂ O	4-VOA	H0H9	X	X	X									
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

Sample Receipt - To Be Filled By Laboratory				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.		
Total Number of Containers	Property Cooled Y/N/NA	Samples Intact Y/N/NA	Samples Accepted Y/N	Signature: <i>EMC</i>	Signature:	Signature:	Signature:	Signature:	Signature:	
Custody Seals Y/N/NA				Printed Name: <i>SPURBART</i>	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	
Received in Good Condition Y/N				Date: <i>10.21.2010</i> Time: <i>15:30</i>	Date:	Date:	Date:	Date:	Date:	
Turn Around Time				Received By: 1.		Received By: 2.		Received By: 3.		
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:	Signature: <i>[Signature]</i>	Signature:	Signature:	Signature:	Signature:	
				Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
				Date:	Date: <i>10-22-10</i>	Date:	Date:	Date:	Date:	Date:
				Time:	Time: <i>8:00</i>	Time:	Time:	Time:	Time:	Time:



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 259750 ✓

REPORTED 08/23/2010

RECEIVED 08/13/2010

PROJECT Station #063 ✓
6125 Telegraph Ave., Oakland

SUBMITTER Client

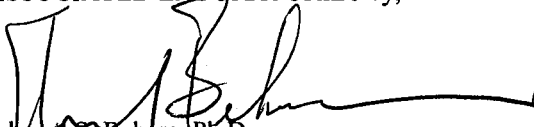
COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
1103327	TOC#063, Inlet
1103328	TOC#063, INT - 1
1103329	TOC#063, INT - 2
1103330	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	11	1.0	0.5	0.23	ug/L	08/17/10 SW
Ethyl benzene	17	1.0	0.5	0.26	ug/L	08/17/10 SW
Methyl t - butyl ether	242	10.0	50.0	4.2	ug/L	08/17/10 SW
Toluene	71	1.0	0.5	0.23	ug/L	08/17/10 SW
Xylene (total)	101	1.0	1.0	0.81	ug/L	08/17/10 SW
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	98				%	60 - 140
3015B - Gasoline						
Gasoline	1130	1.0	50	6.6	ug/L	08/17/10 SW
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	98				%	60 - 140

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	39	1.0	0.5	0.23	ug/L	08/17/10 SW
Ethyl benzene	9.9	1.0	0.5	0.26	ug/L	08/17/10 SW
Methyl t - butyl ether	144	1.0	5	0.42	ug/L	08/17/10 SW
Toluene	44	1.0	0.5	0.23	ug/L	08/17/10 SW
Xylene (total)	69	1.0	1.0	0.81	ug/L	08/17/10 SW
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140
8015B - Gasoline						
Gasoline	755	1.0	50	6.6	ug/L	08/17/10 SW
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140

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



Matrix: WATER

Date Sampled: 08/11/2010 Time Sampled: 11:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	08/17/10 SW
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	08/17/10 SW
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	08/17/10 SW
Toluene	ND	1.0	0.5	0.23	ug/L	08/17/10 SW
Xylene (total)	ND	1.0	1.0	0.81	ug/L	08/17/10 SW
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	99			%	60 - 140	
3015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	08/17/10 SW
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	99			%	60 - 140	

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



Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	08/17/10 SW
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	08/17/10 SW
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	08/17/10 SW
Toluene	ND	1.0	0.5	0.23	ug/L	08/17/10 SW
Xylene (total)	ND	1.0	1.0	0.81	ug/L	08/17/10 SW
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	97				%	60 - 140
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	08/17/10 SW
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	97				%	60 - 140

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



LCS REPORT FORM

QC Sample: G5-BLCS/BLCS
 Matrix: WATER
 Prep. Date: August 17, 2010
 Analysis Date: August 17, 2010
 Lab ID#'s in Batch: 259745, 259750

REPORTING UNITS = µg/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	20.1	19.3	101	97	4
Toluene	8021	ND	20	20.7	20.0	104	100	3
Ethylbenzene	8021	ND	20	20.6	20.0	103	100	3
Xylenes	8021	ND	60	65.3	63.4	109	106	3

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	97
LCS	97
LCSD	97

BFB=p-Bromofluorobenzene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G5-LCS&LCSD

Matrix: WATER

Prep. Date: August 17, 2010

Analysis Date 8/17-8/18

Lab ID#'s in Batch: 259750, 259745

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	406	392	81	78	4

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

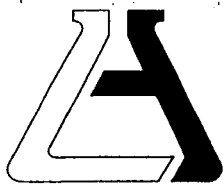
%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	97
LCS	97
LCSD	97

BFB = p-Bromofluorobenzene



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Thrifty oil Co. Project: Station G/25
 Date Received: 8/13/10 Sampler's Name: Yes No
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: ORC # D92868A

Section 2
 Was the cooler packed with: ✓ Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other
 Cooler or box temperature: 4°C
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<input checked="" type="checkbox"/>		
Were custody seals present?		<input checked="" type="checkbox"/>	
If Yes - were they intact?			
Were all samples sealed in plastic bags?			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were correct containers used for the tests required?	<input checked="" type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>		
Was there headspace in VOA vials?			<input checked="" type="checkbox"/>
Were the containers labeled with correct preservatives?			<input checked="" type="checkbox"/>
Was total residual chlorine measured (Fish Bioassay samples only)? *			<input checked="" type="checkbox"/>

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

Section 4
 Explanations/Comments

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

Completed By: W. H. Long Date: 8/13/10

Chain of Custody Record

806 North Batavia ■ Orange, CA 92868
 Phone: (714) 771-6900 ■ Fax: (714) 538-1209



Company THIRTY OIL CO.		Phone 562(921-3581)		A.L. Job No. 259750 ✓		Page 1 of 1								
Project Manager JEFF SURYAKUSUMIT		Fax 562(921-7540)		Analysis Requested				Test Instructions & Comments						
Project Name SYSTEM WATER SAMPLING		Project # 0630												
Site Name and Address 6125 TELEGRAPH AVE - OAKLAND CA. 94609				TPTC (802) BTEX (802) MTBE (802)										
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.								
1		08.11.2010	11:30	H2O	4-VDA	None	X	X	X					
2		08.11.2010	11:40	H2O	4-VDA	None	X	X	X					
3		08.11.2010	11:50	H2O	4-VDA	None	X	X	X					
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	Property Cooled Y/N/NA			Signature: <i>[Signature]</i>	Signature:			Signature:	
Custody Seals Y/N/NA	Samples Intact Y/N/NA			Printed Name: SARAH P.	Printed Name:			Printed Name:	
Received in Good Condition Y/N	Samples Accepted Y/N			Date: 08.11.2010 Time: 15:30	Date:	Time:	Date:	Time:	
Turn Around Time				Received By: G.S.O. 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature: <i>[Signature]</i>	Signature:			Signature:	
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name: THU KHONG	Printed Name:			Printed Name:	
				Date: 8/13/10 Time: 1040	Date:	Time:	Date:	Time:	



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 258599 ✓

REPORTED 07/28/2010

RECEIVED 07/26/2010

PROJECT Station #063 ✓
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

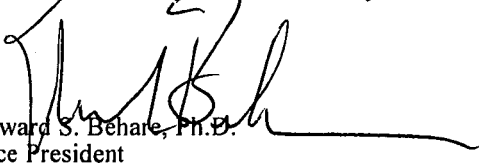
1098168
1098169
1098170
1098171

✓
Client Sample Identification

TOC #063 Inlet
TOC #063 Int-2
TOC #063 Int-1
Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	11	10.0	5.0	2.3	ug/L	07/26/10 LT
Ethyl benzene	29	10.0	5.0	2.6	ug/L	07/26/10 LT
Methyl t - butyl ether	ND	10.0	50.0	4.2	ug/L	07/26/10 LT
Toluene	570	10.0	5.0	2.3	ug/L	07/26/10 LT
Xylene (total)	494	10.0	10.0	8.1	ug/L	07/26/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	97			%		60 - 140
8015B - Gasoline						
Gasoline	7270	10.0	500.0	66.0	ug/L	07/26/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	97			%		60 - 140

QL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 D = Not detected below indicated MDL, J=Tra



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	0.7	1.0	0.5	0.23	ug/L	07/27/10 LT
Ethyl benzene	5.8	1.0	0.5	0.26	ug/L	07/27/10 LT
Methyl t - butyl ether	41	1.0	5	0.42	ug/L	07/27/10 LT
Toluene	11	1.0	0.5	0.23	ug/L	07/27/10 LT
Xylene (total)	3.6	1.0	1.0	0.81	ug/L	07/27/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	111			%		60 - 140
8015B - Gasoline						
Gasoline	468	1.0	50	6.6	ug/L	07/27/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	111			%		60 - 140

QL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 D = Not detected below indicated MDL, J=Tra



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	07/26/10 LT
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	07/26/10 LT
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	07/26/10 LT
Toluene	ND	1.0	0.5	0.23	ug/L	07/26/10 LT
Xylene (total)	ND	1.0	1.0	0.81	ug/L	07/26/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	93				%	60 - 140
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	07/26/10 LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	93				%	60 - 140

QL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 D = Not detected below indicated MDL, J=Tra



Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1.0	0.5	0.23	ug/L	07/26/10 LT
Ethyl benzene	ND	1.0	0.5	0.26	ug/L	07/26/10 LT
Methyl t - butyl ether	ND	1.0	5	0.42	ug/L	07/26/10 LT
Toluene	ND	1.0	0.5	0.23	ug/L	07/26/10 LT
Xylene (total)	ND	1.0	1.0	0.81	ug/L	07/26/10 LT
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140
8015B - Gasoline						
Gasoline	ND	1.0	50	6.6	ug/L	07/26/10 LT
Surrogates					Units	Control Limits
p-Bromofluorobenzene (Sur)	96				%	60 - 140

QL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
D = Not detected below indicated MDL, J=Tra



LCS REPORT FORM

QC Sample: G5-LCS&LCSD

Matrix: WATER

Prep. Date: July 26, 2010

Analysis Date 7/26/10-7/27/10

Lab ID#'s in Batch: 258599 , 258600 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	412	410	82	82	0

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	96
LCS	96
LCSD	96

BFB = p-Bromofluorobenzene

LCS REPORT FORM

QC Sample: G5-BLCS/BLCSD
 Matrix: WATER
 Prep. Date: July 26, 2010
 Analysis Date: 7/26/10-7/27/10
 Lab ID#'s in Batch: 258599 , 258600 .

REPORTING UNITS = $\mu\text{g/L}$

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	21.4	20.7	107	104	3
Toluene	8021	ND	20	21.9	21.2	110	106	3
Ethylbenzene	8021	ND	20	21.8	21.3	109	107	2
Xylenes	8021	ND	60	69.0	67.3	115	112	2

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	BFB
QC Limit	60-140
Method Blank	96
LCS	96
LCSD	95

BFB=p-Bromofluorobenzene



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: TOC Project: # 063
 Date Received: 7-26-10 Sampler's Name: Yes No
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information:

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler or box temperature: 2.0C
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<input checked="" type="checkbox"/>		
Were custody seals present?			<input checked="" type="checkbox"/>
If Yes – were they intact?			<input checked="" type="checkbox"/>
Were all samples sealed in plastic bags?	<input checked="" type="checkbox"/>		
Did all samples arrive intact? If no, indicate below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were correct containers used for the tests required?	<input checked="" type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>		
Was there headspace in VOA vials?		<input checked="" type="checkbox"/>	
Were the containers labeled with correct preservatives?	<input checked="" type="checkbox"/>		
Was total residual chlorine measured (Fish Bioassay samples only)? *			<input checked="" type="checkbox"/>

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

Section 4
 Explanations/Comments

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

Completed By: M. Ebert Date: 7-26-10

Chain of Custody Record

Company THRIFTY OIL CO. Phone (562) 921-3581 A.L. Job No. 258599 ✓ Page 1 of 1

Project Manager JEFF JURYAKUSUMIT Fax (562) 921-7500

Project Name SYSTEM WATER SAMPLING Project # 063 ✓

Analysis Requested

Site Name and Address 6125 TELEGRAPH AVE
OAKLAND CA 94609

Test Instructions & Comments

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPHCO (2015)	BTEX (2002)	MTBE
1	INT-1	07.23.10	9:00	H ₂ O	4-VOL	NONE	X	X	X
2	INT-2	07.23.10	9:10	H ₂ O	4-VOL	NONE	X	X	X
3	INT-1	07.23.10	9:20	H ₂ O	4-VOL	NONE	X	X	X
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: <u>PMC</u> 1.	Relinquished by 2.	Relinquished by 3.
Total Number of Containers	Properly Cooled Y/N/NA	Samples Intact Y/N/NA	Signature: <u>[Signature]</u>	Signature:	Signature:	Signature:
Custody Seals Y/N/NA	Samples Accepted Y/N	Date: <u>07.23.2010</u> Time: <u>15:30</u>	Printed Name: <u>SPERDITA</u>	Printed Name:	Printed Name:	Printed Name:
Received in Good Condition Y/N	Turn Around Time	Received By: <u>G.S.O.</u> 1.	Signature:	Received By: 2.	Signature: <u>[Signature]</u>	Received By: 3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	Printed Name:	Signature:	Printed Name:	Signature:
<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 48 hrs.	<input type="checkbox"/> 72 hrs.	Date:	Printed Name:	Date: <u>7/26/10</u> Time: <u>09:46</u>	Printed Name:
			Date:	Date:		Date: