

**THRIFTY OIL CO.**

7:50 am, Apr 24, 2007

Alameda County  
Environmental Health

April 20, 2007

**0.75800**

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

Local #RO0000005  
RWQCB #01-1479

RE: **Former Thrifty Oil Co. Station #063**  
**ARCO Products Company Station #9542**  
6125 Telegraph Avenue  
Oakland, CA  
***1st Quarter 2007, Status Report***

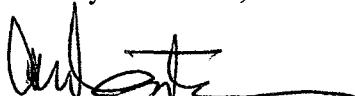
Dear Mr. Plunkett:

Presented herein is the 1st Quarter 2007, Status Report prepared by Equipoise Corporation (Equipoise) dated April 16, 2007 for former Thrifty Oil Co. (Thrifty) Station #063 located at 6125 Telegraph Avenue, Oakland, California. This report presents the results of the site monitoring and remedial activities in the first quarter of 2007.

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

Should you have any questions regarding this report, please contact Richard Blackmer of Equipoise at (949) 366-0266 or Jeff Suryakusuma at (562) 921-3581 (x311).

Respectfully submitted,



Chris Panaitescu  
General Manager  
Environmental Affairs

cc: BP West Coast Products LLC; Mr. Bobby Lu, P.G  
File



13116 Imperial Highway, Santa Fe Springs, CA 90670 • (562)921-3581

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SS#063

**First Quarter 2007**  
**Quarterly Status Report**  
**Former Thrifty Oil Co. Station #063**  
**6125 Telegraph Avenue**  
**Oakland, California**

Local RO# 0000005  
Facility Global ID No. T0600101366  
EDF Confirmation No. 7526998460

Prepared for

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

Equipoise Project No. CA135.063.1Q 07

April 16, 2007

Prepared by:

**EQUIPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
(949) 366-0275 Fax:(949) 366-0281

## **Summary of Monitoring and Sampling Activities**

**Thrifty Oil Co. Station #063**

**First Quarter 2007**

**Reporting Period: 1/1/07 to 3/31/2007**

### **Site**

#### **Information:**

Site address:	TOC SS #063 (ARCO #9542) 6125 Telegraph Avenue Oakland, CA
Global ID No.:	T0600101366
EDF Confirmation No.:	7526998460
Lead Agency No.:	Local #RO0000005
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Steven Plunkett / 510 383-1767
Project Manager:	Jeff Suryakusuma / 562-921-3581 ext. 311

#### **Field Activity:**

Groundwater wells onsite:	5
Groundwater wells offsite:	2
Date(s) monitored:	1/24/2007 & 3/5/07
Date(s) sampled:	1/24/2007 & 3/5/07
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:**

Depth to groundwater (feet bgs):	10.84 to 14.37
Groundwater elevation (feet above mean sea level):	134.83 to 137.36
Groundwater gradient and flow direction:	South-Southwest at approximately 0.02 ft./ft.
Consistent with previous quarter:	Slight change from previous quarters

**Groundwater Conditions:**

TPHg concentration (ug/L):	ND<5.6 to 21,600
Benzene concentration (ug/L):	ND<0.32 to 16
Toluene concentration (ug/L):	ND<0.10 to 256
Ethyl benzene concentration (ug/L):	ND<0.24 to 205
Total Xylenes concentration (ug/L):	ND<0.3 to 1,710
MTBE concentration (ug/L):	ND<0.63 to 123
DIPE concentration (ug/L):	ND<0.29
ETBE concentration (ug/L):	ND<0.17
TAME concentration (ug/L):	ND<0.28
TBA concentration (ug/L):	ND<10 to 139

**Remediation Activity:**

System type:	GWPT
System start-up:	4/8/1991
Operation this quarter (hrs.):	NA
Cumulative Operation (hrs.):	NA
GW discharge this quarter (gal.):	19,810
Total GW discharge (gal.):	2,824,219
Hydrocarbons extracted this quarter (lbs.):	NA
Total hydrocarbons extracted (lbs.):	NA
Hydrocarbon removal rate (lbs/hour) from startup	NA
Hydrocarbon removal rate (lbs/hour) this quarter	NA

### **Groundwater Monitoring**

Depth to groundwater is measured in each monitoring well on a quarterly basis. Groundwater monitoring well locations are presented in **Figure 1**. A groundwater elevation contour map based on the January 24, 2007, data is presented in **Figure 2**. The groundwater flow direction is to the south-southwest at an approximate gradient of 0.02 feet/foot.

### **Quarterly 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, and MW-6 on January 24, 2007, and wells MW-7 and MW-8 on March 5, 2007. Groundwater samples on January 24, 2007, were obtained by Earth Management Company (EMC) while the March 5, 2007 samples were obtained by Blaine Technical Services (BTS) 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 sampling results are provided in **Table 1** and **Table 2**. Copies of the EMC and BTS Field Status Reports for groundwater sampling are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, benzene, and MTBE isoconcentration maps results are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentrations of TPHg and MTBE were detected in monitoring well MW-4 (groundwater extraction well) with concentrations of 21,600 micrograms per liter (ug/L) and 123 ug/L, respectively. The highest concentration of benzene was found in well MW-7 at 16 ug/L.

### **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** and **Appendix C**. During the current reporting period, the groundwater treatment system processed approximately 19,810 gallons of groundwater and has treated approximately 2,824,219 gallons of groundwater since start-up (April 1991). The system was upgraded in the 2nd Quarter 2005, consisting of a pump replacement in well MW-3 and the adding of well MW-4 to the extraction well array. On May 10, 2005, the system was restarted with a new pump in well MW-3; and on May 13, 2005, a pump was installed in well MW-4. The pump in well MW-4 was started on May 20, 2005.

### **Other Activities**

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 forwarded the requested information on January 10, 2006. The ACHCS also requested that a site conceptual model (SCM) be prepared for the site; Thrifty uploaded the SCM to the ACHCS FTP website on 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 uploaded the RSCM and Workplan to Geotracker 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 groundwater monitoring wells (MW-7 and MW-8) were installed on the property located adjacent 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.

#### Activities Planned for 2<sup>nd</sup> Quarter 2007

The following activities are planned for next reporting period (2<sup>nd</sup> Quarter 2007):

- Continue groundwater monitoring and sampling; and
- Continue operations of the groundwater remediation system.

#### Closing Comments

All interpretations expressed in this report are based solely upon the review of data collected by EMC, Equipoise Corporation, and Associated Laboratories.

Sincerely,



Richard W. Blackmer, P.E.  
Principal Engineer



Kathryn Galang  
Staff Scientist

## ***TABLES***

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

WELL	Monitor/ Sample Date	ANALYTICAL PARAMETERS										MONITORING PARAMETERS				ELEVATION			
		TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	ETH (ug/L)	METH (ug/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)
MW-1	01/24/07	<5.6	<0.32	3.1 J	1.2 J	6.4	<0.63	<0.29	<0.17	<0.28	<10	-	-	NP	13.60	28.94	0.00	148.43	134.83
MW-3	01/24/07	4,770	1.5	98	86	604	<0.63	<0.29	<0.17	<0.28	70	-	-	NP	13.40	28.20	0.00	148.94	135.54
MW-4	01/24/07	21,600	2.9	256	205	1,710	123	<0.29	<0.17	<0.28	139	-	-	NP	13.74	29.07	0.00	148.88	135.14
MW-5*	01/24/07	60	<0.32	16	3.8 J	17	<0.63	<0.29	<0.17	<0.28	<10	-	-	NP	14.37	26.23	0.00	149.62	135.25
MW-6	01/24/07	<5.6	<0.32	2.2 J	1.1 J	5.6	<0.63	<0.29	<0.17	<0.28	<10	-	-	NP	11.87	26.80	0.00	148.38	136.51
MW-7	03/05/07	3,110	16	<0.10	125	725	9.9	<0.29	<0.17	<0.28	<10	<20	<20	NP	10.84	17.43	0.00	148.20	137.36
MW-8	03/05/07	<5.6	<0.32	<0.10	<0.24	<0.3	22	<0.29	<0.17	<0.28	<10	<20	<20	NP	11.90	18.30	0.00	147.31	135.41

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

\* Top of casing elevation was estimated to be 6' below well rim

TPHg = Total Petroleum Hydrocarbons as gasoline

MTBE = Methyl-tert-butyl ether

DTW = Depth To Water

" - " = Not analyzed / Not available

B = Benzene

DPE = Isopropyl ether

DTB = Depth To Bottom

" < " = Less than detection level indicated

T = Toluene

ETBE = Ethyl-tert-butyl ether

DTP = Depth To Product

" J " = Flag indicating value between MDL & PQL

E = Ethylbenzene

TAME = Tert-amyl methyl ether

PT = Product Thickness

NP = No free product

X = Total Xylenes

TBA = Tertiary butyl alcohol

GW = Groundwater

\* = Pump in WELL affected DTW

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )										
<b>MONITORING WELL #MW-1</b>																
	<i>Screen Interval = 15 to 30 feet</i>															
11/21/86	-	-	-	-	-	-	NP	15.42	0.00	99.34	83.92					
07/22/91	-	-	-	-	-	-	FILM	20.41	0.00	99.34	78.93					
10/24/91	-	-	-	-	-	-	SHEEN	19.06	0.00	99.34	80.28					
01/22/92	-	-	-	-	-	-	SHEEN	18.78	0.00	99.34	80.56					
03/24/92	-	-	-	-	-	-	SHEEN	13.55	0.00	99.34	85.79					
07/15/92	-	-	-	-	-	-	FILM	18.90	0.00	99.34	80.44					
10/05/92	-	-	-	-	-	-	FILM	20.50	0.00	99.34	78.84					
01/06/93	-	-	-	-	-	-	FILM	14.93	0.00	99.34	84.41					
07/13/93	-	-	-	-	-	-	FILM	15.44	0.00	99.34	83.90					
10/11/93	-	-	-	-	-	-	FILM	20.36	0.00	99.34	78.98					
01/11/94	-	-	-	-	-	-	FILM	19.50	0.00	99.34	79.84					
04/12/94	-	-	-	-	-	-	FILM	18.10	0.00	99.34	81.24					
07/14/94	-	-	-	-	-	-	FILM	20.03	0.00	99.34	79.31					
01/15/96	11,000	2,800	150	780	770	-	NP	19.02	0.00	99.34	80.32					
04/15/96	17,000	3,600	330	1,500	3,400	-	NP	18.82	0.00	99.34	80.52					
07/15/96	12,000	1,300	200	1,200	4,600	250	NP	#N/A	-	-	-					
10/09/96	-	-	-	-	-	-	NP	14.87	0.00	99.34	84.47					
01/13/97	27,000	810	6,000	570	4,100	2,700	NP	10.20	0.00	99.34	89.14					
04/14/97	2,900	3.0	2.9	<0.3	1.7	9,900	NP	#N/A	-	-	-					
07/07/97	5,200	0.57	0.57	<0.3	0.71	16,000	NP	18.75	0.00	99.34	80.59					
10/16/97	680	<0.3	0.55	<0.3	<0.5	-	NP	17.92	0.00	99.34	81.42					
01/07/98	42,000	980	2,800	1,200	5,200	1.3	NP	9.80	0.00	99.34	89.54					
04/06/98	7,100	700	340	170	2,600	1,000	NP	9.60	0.00	99.34	89.74					
07/14/98	19,000	2,100	400	890	5,800	1,600	NP	13.70	0.00	99.34	85.64					
10/15/98	490	<0.3	<0.3	<0.3	<0.5	1,300	NP	15.25	0.00	99.34	84.09					
01/20/99	350	<0.3	<0.3	<0.3	<0.5	* 670 / 820	NP	12.20	0.00	99.34	87.14					
04/16/99	320	<0.3	<0.3	<0.3	<0.5	* 540 / 630	NP	12.20	0.00	99.34	87.14					
07/14/99	290	<0.3	<0.3	<0.3	<0.5	* 590 / 580	NP	13.75	0.00	99.34	85.59					
10/07/99	130	<0.3	<0.3	<0.3	<0.5	270	NP	12.15	0.00	99.34	87.19					
01/26/00	13,000	460	54	290	3,700	940	NP	13.14	0.00	99.34	86.20					
04/19/00	546	<0.25	<0.25	<0.25	<0.5	* 430 / 606	NP	10.63	0.00	99.34	88.71					
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	9.11	0.00	99.34	90.23					
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	9.10	0.00	99.34	90.24					
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.08	0.00	99.34	90.26					
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	88.74					
04/23/01	18,100	740	55	650	4,000	* 1,850 / 842	NP	10.60	0.00	99.34	87.18					
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.07	0.00	99.34	87.18					
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					

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )					
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
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

**MONITORING WELL #MW-2**

*Screen Interval = 15 to 30 feet*

11/21/86	-	-	-	-	-	-	0.11	14.90	14.79	100.01	96.28
07/22/91	-	-	-	-	-	-	0.38	17.84	17.46	100.01	95.35
10/24/91	-	-	-	-	-	-	16.97	17.00	0.03	100.01	83.03
01/22/92	-	-	-	-	-	-	FILM	16.72	0.00	100.01	83.29
03/24/92	-	-	-	-	-	-	11.98	15.81	3.83	100.01	87.09
07/15/92	-	-	-	-	-	-	FILM	16.37	0.00	100.01	83.64
10/05/92	-	-	-	-	-	-	18.09	18.41	0.32	100.01	81.84
01/06/93	-	-	-	-	-	-	FILM	12.37	0.00	100.01	87.64
07/13/93	-	-	-	-	-	-	FILM	15.19	0.00	100.01	84.82
10/11/93	-	-	-	-	-	-	0.10	18.05	17.95	100.01	95.51
01/11/94	-	-	-	-	-	-	0.03	16.98	16.95	100.01	95.83
04/12/94	-	-	-	-	-	-	FILM	15.54	0.00	100.01	84.47
07/14/94	-	-	-	-	-	-	FILM	17.93	0.00	100.01	82.08
01/15/96	7,100	720	280	48	660	-	NP	17.20	0.00	100.01	82.81
04/15/96	11,000	600	59	420	870	-	NP	17.26	0.00	100.01	82.75
07/15/96	19,000	360	51	610	1,600	<250	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.42	0.00	100.01	85.59
01/13/97	11,000	230	30	91	700	56	NP	10.25	0.00	100.01	89.76
04/14/97	141	1.2	0.33	0.44	<0.5	20	#N/A	-	-	-	-
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	17.20	0.00	100.01	82.81
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	16.20	0.00	100.01	83.81
01/07/98	-	-	-	-	-	-	16.18	16.26	0.08	100.01	83.81

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	Ethy/Benzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )										
Well Abandoned 1/30/98																
<i>MONITORING WELL #MW-3</i>																
<i>Screen Interval = 15 to 30 feet</i>																
11/21/86	-	100	5.1	<1.0	25	-	0.10	16.25	16.15	99.76	95.70					
07/22/91	-	-	-	-	-	-	NP	24.00	0.00	99.76	75.76					
10/24/91	-	-	-	-	-	-	NP	18.10	0.00	99.76	81.66					
01/22/92	-	-	-	-	-	-	SHEEN	25.80	0.00	99.76	73.96					
03/24/92	-	-	-	-	-	-	NP	15.60	0.00	99.76	84.16					
07/15/92	-	-	-	-	-	-	FILM	25.10	0.00	99.76	74.66					
10/05/92	-	-	-	-	-	-	NP	25.20	0.00	99.76	74.56					
01/06/93	-	-	-	-	-	-	NP	25.45	0.00	99.76	74.31					
07/13/93	-	-	-	-	-	-	NP	14.24	0.00	99.76	85.52					
10/11/93	-	-	-	-	-	-	NP	25.60	0.00	99.76	74.16					
01/11/94	-	-	-	-	-	-	NP	25.90	0.00	99.76	73.86					
04/12/94	-	-	-	-	-	-	NP	25.70	0.00	99.76	74.06					
07/14/94	-	-	-	-	-	-	NP	25.10	0.00	99.76	74.66					
01/15/96	-	-	-	-	-	-	NP	26.04	0.00	99.76	73.72					
04/15/96	-	-	-	-	-	-	NP	21.03	0.00	99.76	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	-	-	-	-	-	-	#N/A	-	-	-	-					
07/14/99	5,600	9.6	1.3	3.5	8.1	*14,000 / 14,000	NP	11.20	0.00	99.76	88.56					
10/07/99	-	-	-	-	-	-	NP	25.87	0.00	99.76	73.89					
01/26/00	-	-	-	-	-	-	NP	15.40	0.00	99.76	84.36					
04/19/00	-	-	-	-	-	-	NP	14.25	0.00	99.76	85.51					
05/26/00	-	-	-	-	-	-	NP	14.20	0.00	99.76	85.56					
07/26/00	-	-	-	-	-	-	NP	15.12	0.00	99.76	84.64					
10/25/00	-	-	-	-	-	-	NP	14.30	0.00	99.76	85.46					
01/10/01	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44					
04/23/01	-	-	-	-	-	-	NP	13.46	0.00	99.76	86.30					
07/16/01	-	-	-	-	-	-	#N/A	-	-	-	-					
10/17/01	-	-	-	-	-	-	NP	12.80	0.00	99.76	86.96					
01/23/02	-	-	-	-	-	-	NP	15.30	0.00	99.76	84.46					
04/10/02	-	-	-	-	-	-	#N/A	-	-	-	-					
07/24/02	-	-	-	-	-	-	NP	13.22	0.00	99.76	86.54					
							NP	14.32	0.00	99.76	85.44					

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )					
10/30/02	-	-	-	-	-	-	NP	16.20	0.00	99.76
01/15/03	-	-	-	-	-	-	NP	14.10	0.00	99.76
04/16/03	-	-	-	-	-	-	#N/A	-	99.76	85.66
07/14/03	2,490	<0.22	<0.32	<0.31	1.3 J	2,050	NP	18.30	0.00	99.76
10/08/03	3,330	<0.22	<0.32	<0.31	<0.4	4,070	NP	16.65	0.00	99.76
01/15/04	102	2.1	3.5	<0.02	12	*28 / 17	NP	14.18	0.00	99.76
04/14/04	464	63	18	<0.31	16	189	NP	13.45	0.00	99.76
07/29/04	1,560	74	<3.2	30 J	<4.0	729	NP	15.94	0.00	86.32
10/14/04	2,490	25	<0.32	<0.31	<0.4	2,530	NP	16.11	0.00	83.82
01/06/05	394	12	<0.32	1.5 J	<0.4	51	NP	15.61	0.00	83.65
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.19	0.00	99.76
07/27/05	383	5.6	<0.10	17	2.4 J	125	NP	16.63	0.00	90.57
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.97	0.00	99.76
01/19/06	2,050	93	2.2 J	103	55	273	NP	10.92	0.00	83.13
04/12/06	70	<0.32	<0.10	<0.24	<0.30	265	NP	12.55	0.00	99.76
07/26/06	228	<0.32	<0.10	<0.24	26	389	NP	14.94	0.00	87.21
10/25/06	87,100	26	4,880	2,390	18,500	<6.3	NP	17.49	0.00	99.76
01/24/07	4,770	1.5	98	86	604	<0.63	NP	13.40	0.00	84.82
										148.94
										135.54

**MONITORING WELL #MW-4**

*Screen Interval = 9 to 29 feet*

11/21/86	100,000	3,200	2,700	2,400	14,000	-	FILM	16.22	0.00	99.48	83.26
07/22/91	-	-	-	-	-	-	21.35	21.80	0.45	99.48	78.02
10/24/91	-	-	-	-	-	-	SHEEN	20.02	0.00	99.48	79.46
01/22/92	-	-	-	-	-	-	SHEEN	19.78	0.00	99.48	79.70
03/24/92	-	-	-	-	-	-	FILM	13.94	0.00	99.48	85.54
07/15/92	-	-	-	-	-	-	FILM	19.27	0.00	99.48	80.21
10/05/92	-	-	-	-	-	-	FILM	21.44	0.00	99.48	78.04
01/06/93	-	-	-	-	-	-	FILM	14.08	0.00	99.48	85.40
07/13/93	-	-	-	-	-	-	FILM	16.09	0.00	99.48	83.39
10/11/93	-	-	-	-	-	-	FILM	21.33	0.00	99.48	78.15
01/11/94	-	-	-	-	-	-	FILM	20.45	0.00	99.48	79.03
04/12/94	-	-	-	-	-	-	FILM	19.05	0.00	99.48	80.43
07/14/94	-	-	-	-	-	-	FILM	20.41	0.00	99.48	79.07
01/15/96	5,000	370	38	300	390	-	NP	19.89	0.00	99.48	79.59
04/15/96	38,000	300	78	540	470	-	NP	19.62	0.00	99.48	79.86
07/15/96	13,000	880	69	820	1,100	3,600	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.32	0.00	99.48	84.16
01/13/97	47,000	2,500	2,500	1,100	2,800	70,000	NP	10.80	0.00	99.48	88.68
04/14/97	8,700	<0.3	0.45	<0.3	0.64	29,000	#N/A	-	-	-	-
07/07/97	12,000	<0.3	<0.3	<0.3	<0.5	-	NP	18.80	0.00	99.48	80.68
10/16/97	770	<0.3	<0.3	<0.3	<0.5	-	NP	17.76	0.00	99.48	81.72
01/07/98	75,000	3,000	900	1,400	2,500	110	NP	11.60	0.00	99.48	87.88

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MIBE ( $\mu\text{g/L}$ )					
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	<6	<6	<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	460	460	2,800	NP	12.62	0.00	100.48	87.86
04/19/00	8,990	0.7	<0.25	<0.25	<0.5	*3,240 / 5,450	NP	12.28	0.00	100.48	88.20
05/26/00	94	<0.3	<0.3	<0.3	<0.6	*746 / 419	NP	13.81	0.00	100.48	86.67
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	3,110 / 2,060	NP	12.29	0.00	100.48	88.19
10/25/00	2,480	<0.18	<0.14	<0.18	<0.26	*3,690 / 3,040	NP	12.26	0.00	100.48	88.22
01/10/01	<50	<0.18	2	<0.18	1	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	8	1	1	587	NP	13.80	0.00	100.48	86.68
07/24/02	17,400	<0.18	1.9	1.4	2.2	12,800	NP	15.33	0.00	100.48	85.15
10/30/02	17,300	400	47	748	131	12,300	NP	17.00	0.00	100.48	83.48
01/15/03	23,000	568	39	832	268	18,300	NP	16.84	0.00	100.48	83.64
04/16/03	15,800	411	15	26	14	18,200	NP	16.86	0.00	100.48	83.62
07/14/03	13,300	145	26	2.8 J	12	17,600	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

**MONITORING WELL #MW-5:**

*Screen Interval - 7 to 27 feet*

11/21/86	<1,000	4.8	2.1	<0.5	7.4	-	NP	16.10	0.00	100.98	84.88
07/22/91	-	<0.5	1.6	<1.0	2.0	-	NP	18.20	0.00	100.98	82.78
10/24/91	-	-	-	-	-	-	NP	17.67	0.00	100.98	83.31

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )					
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	-		#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				
01/13/97	25,000	780	5,700	560	4,000	24,000	NP	15.37	0.00	100.98	85.61
04/14/97	6,300	260	1,600	28	550	9,000		10.90	0.00	100.98	90.08
07/07/97	7,500	300	1,500	12	110	16,000	NP				
10/16/97	4,600	<0.3	0.65	<0.3	<0.5	-	NP	14.70	0.00	100.98	86.28
01/07/98	2,700	33	11	37	580	7.3	NP	13.60	0.00	100.98	87.38
04/08/98	300	9.1	<0.3	<0.3	<0.5	650	NP	10.97	0.00	100.98	90.01
07/14/98	670	5.9	<0.3	<0.3	0.53	2,300	NP	10.90	0.00	100.98	90.08
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	19	NP	15.20	0.00	100.98	85.78
01/20/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.90	0.00	100.98	85.08
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.20	0.00	101.98	86.78
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.25	0.00	101.98	86.73
10/07/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.96	0.00	101.98	86.02
01/26/00	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	16.33	0.00	101.98	85.65
04/19/00	965	<0.25	<0.25	<0.25	<0.5	<5	NP	14.80	0.00	101.98	87.18
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	10.97	0.00	101.98	91.01
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	14.43	0.00	101.98	87.55
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.02	0.00	101.98	87.96
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.04	0.00	101.98	87.94
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*10 / 4.2	NP	14.80	0.00	101.98	87.18
07/16/01	3,360	430	603	53	429	*41 / 4.2	NP	10.97	0.00	101.98	91.01
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	*16 / 5.2	NP	14.80	0.00	101.98	87.18
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	16.71	0.00	101.98	85.27
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.42	0.00	101.98	87.56
10/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.78	0.00	101.98	87.20
01/15/03	<50	<0.14	<0.07	<0.08	<0.35	<2.0	NP	15.93	0.00	101.98	86.05
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.55	0.00	101.98	86.43

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )					
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
1/24/2007^	60	<0.32	16	3.8 J	17	<0.63	NP	14.37	0.00	149.62	135.25

**MONITORING WELL #MW-6**

*Screen Interval = 7 to 27 feet*

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	NP	14.30	0.00	99.44	85.14
01/20/99	<50	0.47	<0.3	<0.3	<0.5	<5	NP	13.60	0.00	100.44	86.84

**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)					
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	13.50	0.00	100.44	86.94
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	*5.4 / <5	NP	14.65	0.00	100.44	85.79
10/07/99	<50	<0.3	0.96	0.35	1.8	<5	NP	15.39	0.00	100.44	85.05
01/26/00	<50	<0.3	<0.3	<0.3	0.63	<5	NP	13.85	0.00	100.44	86.59
04/19/00	83.1	<0.25	<0.25	<0.25	<0.5	*11 / <5	NP	9.65	0.00	100.44	90.79
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	13.10	0.00	100.44	87.34
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	12.35	0.00	100.44	88.09
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	*7 / 10	NP	12.30	0.00	100.44	88.14
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	78	NP	13.45	0.00	100.44	86.99
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*9 / 4	NP	9.65	0.00	100.44	90.79
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.09	0.00	100.44	87.35
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.37	0.00	100.44	85.07
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.27	0.00	100.44	87.17
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.07	0.00	100.44	87.37
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.86	0.00	100.44	86.58
10/30/02	<50	1.6	<0.14	<0.18	<0.26	6.4	NP	14.20	0.00	100.44	86.24
01/15/03	<50	<0.14	<0.07	<0.08	0.84	<2.0	NP	15.35	0.00	100.44	85.09
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	14.58	0.00	100.44	85.86
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.35	0.00	100.44	85.09
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.80	0.00	100.44	86.64
01/15/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	13.51	0.00	100.44	86.93
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	11.62	0.00	100.44	88.82
07/29/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.12	0.00	100.44	87.32
10/14/04	346	<0.22	<0.32	<0.31	<0.4	159	NP	13.53	0.00	100.44	86.91
01/06/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.02	0.00	100.44	87.42
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.32	0.00	100.44	91.12
07/27/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	13.17	0.00	100.44	87.27
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	14.55	0.00	100.44	85.89
01/19/06	72	<0.32	<0.10	<0.24	<0.30	12	NP	8.74	0.00	100.44	91.70
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	9.96	0.00	100.44	90.48
07/26/06	55	<0.32	<0.10	<0.24	<0.30	57	NP	12.56	0.00	100.44	87.88
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	13.00	0.00	100.44	87.44
01/24/07	<5.6	<0.32	2.2 J	1.1 J	5.6	<0.63	NP	11.87	0.00	148.38	136.51
<b>MONITORING WELL #MW-7</b>											
03/05/07	3,110	16	<0.10	125	725	10	NP	10.84	0.00	148.20	137.36

**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 ( $\mu\text{g/L}$ )	BENZENE ( $\mu\text{g/L}$ )	TOLUENE ( $\mu\text{g/L}$ )	EthylBenzene ( $\mu\text{g/L}$ )	XYLENE ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )					
<b>MONITORING WELL #MW-8</b>											
03/05/07	<5.6	<0.32	<0.10	<0.24	<0.3	22	NP	11.90	0.00	147.31	135.41

**NOTE:**

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

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

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

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)	Ethyl-Tert-Butyl Ether (ETBE)	Tert-AmylMethyl Ether (TAME)	Tert-Butyl Alcohol (TBA)	Ethanol (EtOH)	Methanol (MeOH)
<b>MONITORING WELLS / MW-1</b>						
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	-	-
<b>MONITORING WELLS / MW-2</b>						
10/16/97	<20	<20	<20	<500		
Well Abandoned 1/30/98						
<b>MONITORING WELLS / MW-3 (GROUNDWATER SYSTEMS PUMPING WELL)</b>						
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	-	-
<b>MONITORING WELLS / MW-4</b>						
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	-	-

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

DATE SAMPLED	OXIGENATES					
	Di-isopropyl Ether (DIPE) (µg/L)	Ethyl-Tert-Butyl Ether (ETBE) (µg/L)	Tert-Amyl Methyl Ether (TAME) (µg/L)	Tert-Butyl Alcohol (TBA) (µg/L)	Ethanol (ETOH) (µg/L)	Methanol (METH) (µg/L)
<b>MONITORING WELL MW-1</b>						
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	-	-
<b>MONITORING WELL MW-3</b>						
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	-	-
<b>MONITORING WELL MW-7</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
<b>MONITORING WELL MW-4</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20

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 (gall/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
4/8/1991	1,669	0	-	-	<0.3	<0.3	<0.3	<0.9	-	-	1300	120	<7.5	1300	-
4/15/1991	5,742	4,073	582	-	<0.3	<0.3	<0.3	<0.3	-	-	700	140	<15	500	-
4/22/1991	10,240	8,571	643	-	<0.3	<0.3	<0.3	<0.9	-	-	850	100	34	860	-
4/29/1991	15,510	13,841	763	-	<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	22,781	604	-	<0.3	<0.3	<0.3	<0.9	-	-	180	5.6	<0.3	37	-
5/20/1991	28,480	28,811	579	-	<0.3	<0.3	<0.3	<0.9	-	-	150	0.83	1.4	29	-
5/28/1991	28,310	27,841	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	-	-	68	4	<0.3	33	-
6/10/1991	36,839	35,270	651	-	<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	640	-	<0.3	<0.3	<0.3	<0.9	-	-	5.4	2	<0.3	6.6	-
7/1/1991	48,173	48,604	631	-	<0.5	<0.5	<1	<1	-	-	14	15	<1	9.1	-
7/8/1991	61,681	50,012	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	6.9	-
7/15/1991	65,186	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	61,672	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	66,980	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	226	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-
10/28/1991	83,242	81,573	1,022	-	<0.5	<0.6	<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	186	-	<0.5	<0.5	<1	<1	-	-	42	1	1	10	-
11/25/1991	89,512	87,843	652	-	<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	99,046	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	124,848	123,177	352	-	<0.5	<0.5	<0.5	<0.5	-	-	20	0.51	<0.5	3.6	-
3/9/1992	149,955	148,295	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	631	<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	-

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gall/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l	TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l	
4/8/1991	1,669	0	-	-	<0.3	<0.3	<0.3	<0.9	-	-	1300	120	<7.5	1300	-	
4/15/1991	5,742	4,073	582	-	<0.3	<0.3	<0.3	<0.3	-	-	700	140	<15	500	-	
4/22/1991	10,240	8,571	643	-	<0.3	<0.3	<0.3	<0.9	-	-	850	100	34	860	-	
4/29/1991	15,510	13,841	753	-	<0.3	<0.3	<0.3	<0.9	-	-	220	8.4	<0.3	42	-	
5/6/1991	20,200	18,531	670	-	<0.3	<0.3	<0.3	<0.9	-	-	280	0.8	<0.3	56	-	
5/13/1991	24,430	22,761	604	-	<0.3	<0.3	<0.3	<0.9	-	-	190	5.6	<0.3	37	-	
5/20/1991	28,480	26,811	579	-	<0.3	<0.3	<0.3	<0.9	-	-	150	0.83	1.4	29	-	
5/28/1991	29,310	27,641	104	-	<0.3	<0.3	<0.3	<0.9	-	-	<0.3	<0.3	<0.3	<0.9	-	
6/3/1991	33,080	31,411	628	-	<0.3	<0.3	<0.3	<0.9	-	-	58	4	<0.3	33	-	
6/10/1991	36,939	35,270	551	-	<0.3	<0.3	<0.3	<0.9	-	-	45	<0.3	<0.3	16	-	
6/17/1991	40,673	39,004	533	-	<0.3	<0.3	<0.3	<0.9	-	-	69	4.9	0.9	21	-	
6/24/1991	44,453	42,784	540	-	<0.3	<0.3	<0.3	<0.9	-	-	5.4	2	<0.3	6.6	-	
7/1/1991	48,173	46,504	531	-	<0.5	<0.5	<1	<1	-	-	14	15	<1	9.1	-	
7/8/1991	51,681	50,012	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	6.9	-	
7/15/1991	55,186	53,517	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	0.6	<1	6.3	-	
7/22/1991	62,150	60,481	995	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	2.6	-	
7/29/1991	62,150	60,481	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-	
8/5/1991	63,241	61,572	156	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-	
8/12/1991	66,091	64,422	407	-	<0.5	<0.5	<1	<1	-	-	2.6	<0.5	<1	12	-	
8/19/1991	67,649	65,980	223	-	<0.5	<0.5	<1	<1	-	-	20	3.3	2.8	70	-	
8/26/1991	70,514	68,845	409	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-	
9/9/1991	70,564	68,895	4	-	<0.5	<0.5	<1	<1	-	-	270	10	13	69	-	
9/16/1991	73,526	71,857	423	System shut down due to damaged compressor pump						-	-	-	-	-	-	
10/7/1991	73,526	71,857	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-	
10/14/1991	74,516	72,847	141	-	<0.5	<0.5	<1	<1	-	-	60	1.1	<1	23	-	
10/21/1991	76,091	74,422	225	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-	
10/28/1991	83,242	81,573	1,022	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	14	-	
11/3/1991	83,242	81,573	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.1	-	
11/11/1991	84,351	82,682	139	-	<0.5	<0.5	<1	<1	-	-	99	1.9	<1	14	-	
11/18/1991	85,647	83,978	185	-	<0.5	<0.5	<1	<1	-	-	42	1	1	10	-	
11/25/1991	89,512	87,843	552	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.9	-	
12/3/1991	93,407	91,738	487	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-	
12/9/1991	96,210	94,541	467	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.2	-	
12/16/1991	99,045	97,376	405	-	<0.5	<0.5	<0.5	<0.5	<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	<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	<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	<0.5	-	-	130	11	<0.5	50	-
2/10/1992	124,846	123,177	352	-	<0.5	<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	<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	<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	<0.5	-	<200	<0.5	<0.5	<0.5	<0.5	
6/8/1992	190,430	188,821	119	-	<0.5	<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	<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	<0.5	

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 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT								INLET / INFLUENT								
				TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l	TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l	TPH-g ug/l	B ug/l	T ug/l	E ug/l	MTBE ug/l
9/14/1992	209,647	207,978	298	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<1	-	-	-	-	-	
10/5/1992	217,360	215,691	367	<200	<0.5	<0.5	<0.5	<1	-	<200	<0.5	<0.5	<0.5	<1	-	-	-	-	-	
11/09/92	225,780	224,111	241	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<1	-	-	-	-	-	
12/14/92	243,048	241,379	493	-	<0.5	<0.5	<0.5	<1	-	-	-	1.1	0.5	<0.5	10	-	-	-	-	
01/04/93	252,510	250,841	451	-	<0.5	<0.5	<0.5	<1	-	-	720	46	<10	1,700	-	-	-	-	-	
02/15/93	266,210	264,541	326	<200	<0.5	<0.5	<0.5	<1	-	9,000	1,400	330	260	1,200	-	520	-	-	-	
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 fo repair								-	-	-	-	-	-	-	-	-
07/15/93	272,577	270,908	16	Restart the system								-	-	-	-	-	-	-	-	-
08/11/93	284,230	282,561	432	-	<0.5	<0.5	<0.5	<1	-	-	1.3	<0.5	<0.5	1.6	-	-	-	-	-	
09/16/93	298,832	297,163	406	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	
10/08/93	305,641	303,972	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/11/93	307,068	305,399	476	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	
10/15/93	308,495	306,826	357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/12/93	318,203	316,534	347	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-	-	-	-	-	
12/10/93	329,947	328,278	419	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-	-	-	-	-	
01/13/94	345,860	344,191	468	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	<0.5	-	-	-	-	-	
02/10/94	359,662	357,993	493	-	<0.3	<0.3	<0.3	<0.5	-	-	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	<0.5	-	-	-	-	-	
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	-	-	-	-	-	-	<50	<0.3	<0.3	<0.3	<0.5	-	-	-	-	-	
01/16/95	742,074	481,447	0	Sytem 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	-	-	-	-	-	

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 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gall/day)	OUTLET/EFFLUENT							INLET/INFUENT						
				TPH-g ug/L	B ug/L	I ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	I ug/L	E ug/L	X ug/L	MTBE ug/L		
05/13/96	890,214	629,587	1,363	840	<0.3	<0.3	<0.3	<0.5	-	910	<0.3	<0.3	<0.3	<0.5	-		
05/13/96	890,214	629,587	-	System shut down for carbon change													
06/14/96	890,214	629,587	-	Restart the system													
06/18/96	890,818	630,191	151	<50	<0.3	<0.3	<0.3	<0.5	-	1,000	92	8.7	3.4	55	-		
07/01/96	892,781	632,154	151	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/08/96	894,210	633,583	204	System shut down due to burglary and damaged air compressor													
08/05/96	894,210	633,583	-	Restart the system													
08/13/96	896,220	635,593	251	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	160	110	220	650	-		
09/23/96	899,410	638,783	78	<50	<0.3	<0.3	<0.3	<0.5	-	<50	0.49	<0.3	<0.3	<0.5	-		
10/09/96	899,845	639,218	27	<50	<0.3	<0.3	<0.3	<0.5	-	730	1.7	0.42	2.1	2.5	-		
11/11/96	901,348	640,721	46	<50	<0.3	<0.3	<0.3	<0.5	-	81	<0.3	<0.3	<0.3	<0.5	-		
12/09/96	901,576	640,949	8	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-		
01/13/97	904,630	644,003	87	<50	<0.3	<0.3	<0.3	<0.5	-	13,000	590	250	180	850	-		
02/10/97	912,610	651,983	285	82	<0.3	0.38	<0.3	<0.5	-	700	0.92	0.75	<0.3	4.1	-		
03/10/97	921,020	660,393	300	<50	<0.3	<0.3	<0.3	<0.5	-	600	<0.3	<0.3	<0.3	<0.5	-		
04/14/97	932,410	671,783	325	<50	<0.3	<0.3	<0.3	<0.5	-	4,400	<0.3	<0.3	<0.3	<0.5	-		
05/12/97	941,028	680,401	308	<50	<0.3	<0.3	<0.3	<0.5	-	5,600	7.3	0.32	<0.3	17	-		
06/23/97	943,183	682,556	51	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/07/97	945,821	685,194	188	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	3.4	<0.3	<0.3	26	-		
08/04/97	951,020	690,393	186	-	-	-	-	-	-	-	-	-	-	-	-	-	
09/02/97	957,933	697,306	238	System shut down due to stolen air compressor							-	-	-	-	-	-	-
10/06/97	961,030	700,403	91	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/16/97	961,077	700,450	5	<50	<0.3	<0.3	<0.3	<0.5	-	550	<0.3	<0.3	<0.3	<0.5	-		
11/17/97	970,920	710,293	308	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/23/97	986,016	725,389	419	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/05/98	991,520	730,893	423	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/07/98	992,365	731,738	423	<50	<0.3	<0.3	<0.3	<0.5	-	65,000	690	8,400	3,100	20,000	-		
02/02/98	996,874	736,247	173	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/09/98		736,247	-	System shut down due to the UST replacement and station remodeling													
02/17/98		736,247	-	<50	<0.3	<0.3	<0.3	<0.5	-	35,000	150	<15	<15	8,900	-		
04/13/98	53,000	736,247	-	Replaced carbons and restarted system with new meter (53,000)													
4/13 - 6/1/98	-	736,247	-	System was undergoing several maintenance / piping / hose replacement													
06/01/98	53,780	737,027	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/14/98	56,905	740,152	73	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	14	0.56	<0.3	26	-		
08/13/98	59,426	742,673	84	-	-	-	-	-	-	-	-	-	-	-	-	-	
09/11/98	62,356	745,603	101	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/15/98	62,714	745,961	11	<50	<0.3	<0.3	<0.3	<0.5	-	2,200	21	4	<0.3	100	-		
11/06/98	62,952	746,199	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/98		746,199	-	System shut down for flowmeter replacement													
12/01/98	0.0	746,199	-	Restart the system with flowmeter at 000													
12/31/98	5,340.0	751,539	178	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/11/99	15,020.0	761,219	880	System shut down							-	-	-	-	-	-	-
1/11 - 2/1/99	-	761,219	-	System was undergoing maintenance for the compressor													
01/20/99	-	761,219	-	<50	<0.3	<0.3	<0.3	<0.5	-	110	0.43	0.42	<0.3	<0.5	260	-	
02/01/99	15,600.0	761,799	28	Restart system													
02/12/99	22,840.0	769,039	658	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/22/99	22,840.0	769,039	-	System shut down for carbon canister replacement													
03/26/99	22,840.0	769,039	-	Restart the system													

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l	TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MTBE ug/l
03/31/99	24,620.0	770,819	356	-	-	-	-	-	-	-	-	-	-	-	-
04/16/99	29,605.0	775,804	312	<50	<0.3	<0.3	<0.3	<0.5	<5	<50	<0.3	<0.3	<0.3	<0.5	<5
05/11/99	36,010.0	782,209	256	-	-	-	-	-	-	-	-	-	-	-	-
05/25/99	46,000.0	792,199	714	System shut down due to carbon canister leaking											
09/02/99	46,000.0	792,199	-	Restart system											
09/17/99	46,217.0	792,416	14	-	-	-	-	-	-	-	-	-	-	-	-
10/07/99	46,809.0	793,008	30	<50	<0.3	<0.3	<0.3	<0.5	11	65	<0.3	<0.3	<0.3	<0.5	120
10/21/99	47,278.0	793,477	34	System shut down for carbon change											
11/24/99	47,283.0	793,482	0	Restart system											
12/30/99	49,386.0	795,585	58	-	-	-	-	-	-	-	-	-	-	-	-
01/26/00	50,569.0	796,768	44	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
02/25/00	51,983.0	798,182	47	-	-	-	-	-	-	-	-	-	-	-	-
03/24/00	54,603.0	800,802	94	-	-	-	-	-	-	-	-	-	-	-	-
04/19/00	56,754.0	802,953	83	<5	<0.25	<0.25	<0.25	<0.5	-	<50	1.3	<0.25	<0.25	<0.5	<5
04/30/00	58,022.0	804,221	115	-	-	-	-	-	-	-	-	-	-	-	-
05/26/00	60,086.0	806,285	79	-	-	-	-	-	-	923	<0.6	2	85	80	*8,350/4,810
06/16/00	61,889.0	808,088	86	<50	<0.3	<0.3	<0.3	<0.6	<5	3,820	<0.3	<0.3	<0.3	<0.6	3,740
07/26/00	65,987.0	812,186	102	<50	<0.3	<0.3	<0.3	<0.6	<5	<50	<0.3	<0.3	<0.3	<0.6	<5
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). System restarted on 10/25/00 after QWS											
10/25/00	0.0	845,899	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	17,100	111	121	141	972	998
10/27/00	2,160	848,059	1,080	-	-	-	-	-	-	-	-	-	-	-	-
11/03/00	7,420	853,319	751	-	-	-	-	-	-	-	-	-	-	-	-
11/24/00	16,560	862,459	435	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	51,530	897,429	1,249	-	-	-	-	-	-	-	-	-	-	-	-
01/10/01	54,520	900,419	157	<50	<0.18	<0.14	<0.18	<0.26	<0.24	10,000	384	223	<0.18	1,330	11,600
02/19/01	99,640	945,539	1,128	-	-	-	-	-	-	-	-	-	-	-	-
03/19/01	144,170	990,069	1,590	-	-	-	-	-	-	-	-	-	-	-	-
04/09/01	167,050	1,012,949	1,090	378	<0.18	<0.14	<0.18	<0.26	475	4,040	191	4	42	38	4,990
04/13/01	169,210	1,015,109	540	Shut down system for replacement of carbon drums											
04/18/01	169,210	1,015,109	-	Restart system											
04/23/01	177,140	1,023,039	1,586	93	<0.18	<0.14	<0.18	<0.26	132	1,400	<0.18	<0.14	<0.18	<0.26	3,240
05/02/01	186,800	1,032,699	1,073	Shut down system for carbon change											
05/18/01	186,900	1,032,799	6	Restart system											
05/30/01	200,850	1,046,749	1,163	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3,100	15	<0.14	1	2	*8,510 / 5,780
06/25/01	266,720	1,112,619	2,533	-	-	-	-	-	-	-	-	-	-	-	-
07/09/01	278,760	1,124,659	860	<50	<0.18	<0.14	<0.18	<0.26	<0.24	748	15	<0.14	2	2.7	1,440
08/13/01	399,700	1,245,599	3,455	-	-	-	-	-	-	-	-	-	-	-	-
09/24/01	451,240	1,297,139	1,227	-	-	-	-	-	-	-	-	-	-	-	-
10/01/01	488,310	1,334,209	5,296	<50	<0.18	<0.14	<0.18	<0.26	<0.24	956	1.2	<0.14	<0.18	<0.26	878
11/12/01	636,260	1,482,159	3,523	-	-	-	-	-	-	-	-	-	-	-	-
12/31/01	674,080	1,519,979	772	-	-	-	-	-	-	-	-	-	-	-	-
01/14/02	688,450	1,534,349	1,026	<50	<0.18	<0.14	<0.18	<0.26	<0.24	232	1	1	<0.18	<0.26	363
02/18/02	738,420	1,584,319	1,428	-	-	-	-	-	-	-	-	-	-	-	-
03/25/02	814,570	1,660,469	2,176	-	-	-	-	-	-	-	-	-	-	-	-
04/08/02	828,510	1,674,409	996	<50	<0.18	<0.14	<0.18	<0.26	<0.24	105	<0.18	<0.14	<0.18	<0.26	157

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

Date	Totalized (gallons)	Total/Cum. Discharge (gallons)	Flow (gallons/yr.)	OUTLET/EFFLUENT						INLET/INFLUENT					
				TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
04/22/02	895,910	1,741,809	4,814	-	-	-	-	-	-	-	-	-	-	-	-
05/06/02	895,920	1,741,819	1	System off; Restart											
05/13/02	929,130	1,775,029	4,744	-	-	-	-	-	-	-	-	-	-	-	-
06/03/02	-	1,839,639	-	-	<0.5	< 0.7	< 0.8	< 3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
06/03/02	993,740	1,839,639	3,077	<50	<0.18	<0.14	<0.18	<0.26	<0.24	Split-sample results (sample collected by us)					
06/24/02	1,001,590	1,847,489	374	-	-	-	-	-	-	-	-	-	-	-	-
07/08/02	-	1,847,489	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4,710	1	1.2	<0.18	2	6,980
07/12/02	1,051,430	1,897,329	2,769	-	-	-	-	-	-	-	-	-	-	-	-
07/29/02	1,052,820	1,898,719	82	System shut down for carbon change											
08/16/02	1,052,820	1,898,719	-	Restart											
08/30/02	1,069,050	1,914,949	1,159	-	-	-	-	-	-	-	-	-	-	-	-
09/20/02	-	1,952,309	-	-	<0.5	<0.7	<0.8	<3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
09/20/02	1,106,410	1,952,309	1,779	<50	<0.1	<0.15	<0.06	-	-	Split-sample results (sample collected by us, analysis by EPA 624 & 8015M)					
09/30/02	1,110,180	1,956,079	377	-	-	-	-	-	-	-	-	-	-	-	-
10/07/02	1,114,720	1,960,619	649	<50	<0.18	<0.14	<0.18	<0.26	<0.24	128	<0.18	<0.14	<0.18	<0.26	95
10/28/02	1,127,540	1,973,439	610	-	-	-	-	-	-	-	-	-	-	-	-
11/25/02	1,149,730	1,995,629	793	-	-	-	-	-	-	-	-	-	-	-	-
12/20/02	1,166,840	2,012,739	684	-	-	-	-	-	-	-	-	-	-	-	-
12/30/02	1,173,420	2,019,319	658	-	-	-	-	-	-	-	-	-	-	-	-
01/06/03	1,182,610	2,028,509	1,313	<50	<0.14	1.2	<0.08	2.4	<2.0	9,860	<1.4	29	14	2,420	205
01/13/03	1,189,320	2,035,219	959	Shut down for QWS											
01/15/03	1,189,320	2,035,219	-	Restart											
02/24/03	1,223,450	2,069,349	853	-	-	-	-	-	-	-	-	-	-	-	-
03/10/03	1,238,640	2,084,539	1,085	-	-	-	-	-	-	-	-	-	-	-	-
03/17/03	1,257,710	2,103,609	2,724	System off	-	-	-	-	-	-	-	-	-	-	-
03/28/03	1,257,710	2,103,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
03/31/03	1,266,150	2,112,049	2,813	-	-	-	-	-	-	-	-	-	-	-	-
04/02/03	1,272,100	2,117,999	2,975	-	-	-	-	-	-	-	-	-	-	-	-
04/07/03	1,286,160	2,132,059	2,812	<15	<0.04	2.2	<0.02	<0.06	<0.03	14,000	20	20	2.2	14	9,090
04/14/03	1,294,060	2,139,959	1,129	System shut down for QWS											
04/16/03	1,294,080	2,139,979	10	Restart	-	-	-	-	-	-	-	-	-	-	-
04/21/03	1,299,660	2,145,559	1,116	-	-	-	-	-	-	-	-	-	-	-	-
04/28/03	1,302,140	2,148,039	354	-	-	-	-	-	-	-	-	-	-	-	-
05/05/03	1,302,710	2,148,609	81	System shut down for carbon change	-	-	-	-	-	-	-	-	-	-	-
05/07/03	1,302,710	2,148,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
05/12/03	1,303,230	2,149,129	104	-	-	-	-	-	-	-	-	-	-	-	-
05/19/03	1,318,460	2,164,359	2,176	-	-	-	-	-	-	-	-	-	-	-	-
05/30/03	1,321,830	2,167,729	306	-	-	-	-	-	-	-	-	-	-	-	-
06/02/03	1,327,490	2,173,389	1,887	-	-	-	-	-	-	-	-	-	-	-	-
06/09/03	1,336,370	2,182,269	1,269	-	-	-	-	-	-	-	-	-	-	-	-
06/16/03	1,347,480	2,193,379	1,587	-	-	-	-	-	-	-	-	-	-	-	-
06/23/03	1,359,690	2,205,589	1,744	-	-	-	-	-	-	-	-	-	-	-	-
07/01/03	1,366,090	2,211,989	800	-	-	-	-	-	-	-	-	-	-	-	-
07/07/03	1,369,730	2,215,629	607	System shut down for QWS	-	-	-	-	-	-	-	-	-	-	-
07/15/03	1,369,730	2,215,629	-	Restart	-	-	-	-	-	-	-	-	-	-	-
07/21/03	1,382,630	2,228,529	2,150	<15	<0.04	1.0	<0.02	<0.06	<0.03	7,710	<0.04	<0.02	<0.02	<0.06	3,550
07/28/03	1,389,840	2,235,739	1,030	-	-	-	-	-	-	-	-	-	-	-	-
08/04/03	1,408,710	2,254,609	2,696	-	-	-	-	-	-	-	-	-	-	-	-

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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/INFIL						
				TPH-g (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TPH-g (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)		
08/15/03	1,411,520	2,257,419	255	System shut down for carbon change	-	-	-	-	-	-	-	-	-	-	-	-	
08/29/03	1,411,560	2,257,459	3	Restart	-	-	-	-	-	-	-	-	-	-	-	-	
09/03/03	1,419,210	2,265,109	1,530	-	-	-	-	-	-	-	-	-	-	-	-	-	
09/12/03	1,423,520	2,269,419	479	-	-	-	-	-	-	-	-	-	-	-	-	-	
09/15/03	1,427,810	2,273,709	1,430	-	-	-	-	-	-	-	-	-	-	-	-	-	
09/22/03	1,429,700	2,275,599	270	System shut down for installation of new 24-hour timer	-	-	-	-	-	-	-	-	-	-	-	-	
09/26/03	1,429,700	2,275,599	-	Restart	-	-	-	-	-	-	-	-	-	-	-	-	
09/29/03	1,430,560	2,276,459	287	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/06/03	1,431,140	2,277,039	83	System shut down for QWS	-	-	-	-	-	-	-	-	-	-	-	-	
10/08/03	1,431,140	2,277,039	-	Restart	-	-	-	-	-	-	-	-	-	-	-	-	
10/10/03	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)	-	-	-	-	-	-	-	
10/10/03	1,432,280	2,278,189	575	<15	<0.04	<0.02	<0.02	<0.06	<0.03	16,200	<0.04	4.4	4.8	46	8,700		
10/17/03	1,433,790	2,279,689	214	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/22/03	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)	-	-	-	-	-	-	-	
10/22/03	1,434,590	2,280,489	160	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Split-sample results (sample collected by us)	-	-	-	-	-	-	-
10/27/03	1,435,610	2,281,509	204	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/03/03	1,438,740	2,284,639	447	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/14/03	1,443,620	2,289,519	444	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/21/03	1,447,510	2,293,409	556	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/05/03	1,452,410	2,298,309	350	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/09/03	1,458,320	2,304,219	1,478	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/17/03	1,462,410	2,308,309	511	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/26/03	1,468,630	2,314,529	691	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/31/03	1,469,710	2,315,609	216	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/06/04	1,472,000	2,317,899	382	<15	<0.04	<0.02	<0.02	<0.06	<0.03	7,900	658	1,560	62	1,090	2,170		
01/14/04	1,474,650	2,320,549	331	System shut down for QWS; Restarted 1/15/04	-	-	-	-	-	-	-	-	-	-	-	-	
01/28/04	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)	-	-	-	-	-	-	-	
01/28/04	1,485,790	2,331,689	857	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Split-sample results (sample collected by us)	-	-	-	-	-	-	-
02/04/04	1,492,340	2,338,239	936	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/10/04	1,494,550	2,340,449	368	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/20/04	1,498,790	2,344,689	424	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/25/04	1,499,360	2,345,259	114	-	-	-	-	-	-	-	-	-	-	-	-	-	
03/03/04	1,514,700	2,360,599	2,191	-	-	-	-	-	-	-	-	-	-	-	-	-	
03/09/04	1,517,300	2,363,199	433	-	-	-	-	-	-	-	-	-	-	-	-	-	
03/17/04	1,519,100	2,364,999	225	-	-	-	-	-	-	-	-	-	-	-	-	-	
03/24/04	1,524,600	2,370,499	786	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/01/04	1,529,300	2,375,199	588	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/07/04	1,531,200	2,377,099	317	<15	<0.22	<0.32	<0.31	<0.4	<0.18	1,380	113	93	16	76	191		
04/14/04	1,533,000	2,378,899	257	System shut down for QWS on 4/7; Restarted 4/14	-	-	-	-	-	-	-	-	-	-	-	-	
04/22/04	1,576,400	2,422,299	5,425	-	-	-	-	-	-	-	-	-	-	-	-	-	
04/28/04	1,623,500	2,469,399	7,850	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/06/04	1,668,920	2,514,819	5,678	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/13/04	1,691,100	2,536,999	3,169	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/20/04	1,726,500	2,572,399	5,057	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/28/04	1,748,910	2,594,809	2,801	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/04/04	1,749,320	2,595,219	59	Found system off; for replacement of on and off switch	-	-	-	-	-	-	-	-	-	-	-	-	
06/11/04	1,749,320	2,595,219	-	Restarted	-	-	-	-	-	-	-	-	-	-	-	-	
06/16/04	1,751,910	2,597,809	518	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Date	Totalized (gallons)	Total/Cum Discharge (gallons)	Flow (gal/day)	OUTLET/EFFLUENT						INLET/INFILUNT											
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L						
06/22/04	1,753,550	2,599,449	273	-	-	-	-	-	-	-	-	-	-	-	-						
07/02/04	1,756,530	2,602,429	298	-	-	-	-	-	-	-	-	-	-	-	-						
07/08/04	1,759,110	2,605,009	430	<15	<0.22	<0.32	<0.31	<0.4	<0.18	652	31	<0.32	<0.31	2.1J	383						
07/15/04	1,759,260	2,605,159	21	-	-	-	-	-	-	-	-	-	-	-	-						
07/22/04	1,760,630	2,606,529	196	-	-	-	-	-	-	-	-	-	-	-	-						
07/28/04	1,762,810	2,608,709	363	Shut down system for carbon change																	
08/05/04	1,762,810	2,608,709	-	Restarted																	
08/12/04	1,765,370	2,611,269	366	-	-	-	-	-	-	-	-	-	-	-	-						
08/20/04	1,767,950	2,613,849	323	-	-	-	-	-	-	-	-	-	-	-	-						
08/27/04	1,771,100	2,616,999	450	-	-	-	-	-	-	-	-	-	-	-	-						
09/03/04	1,773,750	2,619,649	379	-	-	-	-	-	-	-	-	-	-	-	-						
09/07/04	1,777,590	2,623,489	960	-	-	-	-	-	-	-	-	-	-	-	-						
09/10/04	1,778,460	2,624,359	290	Shut down system due to operator vacation																	
09/29/04	1,778,460	2,624,359	-	Restarted																	
10/06/04	1,779,260	2,625,159	114	<15	<0.22	<0.32	<0.31	<0.4	<0.18	<15	<0.22	<0.32	<0.31	<0.4	20						
10/12/04	1,782,540	2,628,439	547	Shut down system for QWS																	
10/21/04	1,782,680	2,628,579	16	Restarted																	
10/27/04	1,784,630	2,630,529	325	-	-	-	-	-	-	-	-	-	-	-	-						
11/03/04	1,784,680	2,630,579	7	-	-	-	-	-	-	-	-	-	-	-	-						
11/11/04	1,787,490	2,633,389	351	-	-	-	-	-	-	-	-	-	-	-	-						
11/19/04	1,789,350	2,635,249	233	-	-	-	-	-	-	-	-	-	-	-	-						
12/01/04	1,789,800	2,635,699	38	-	-	-	-	-	-	-	-	-	-	-	-						
12/10/04	1,792,780	2,638,679	331	-	-	-	-	-	-	-	-	-	-	-	-						
12/15/04	1,795,460	2,641,359	536	-	-	-	-	-	-	-	-	-	-	-	-						
12/22/04	1,798,000	2,643,899	363	-	-	-	-	-	-	-	-	-	-	-	-						
12/29/04	1,800,580	2,646,479	369	-	-	-	-	-	-	-	-	-	-	-	-						
01/05/05	1,803,140	2,649,039	366	<15	<0.22	<0.32	<0.31	<0.4	<0.18	291	9.1	<0.32	1.2 J	<0.4	72						
01/13/05	1,803,290	2,649,189	19	System turned off for QWS on 1/5/05; Restarted on 1/13/05																	
01/20/05	1,804,020	2,649,919	104	Shut down system for repair and upgrade																	
04/30/05	1,804,020	2,649,919	-	System still off pending repairs and upgrade																	
05/10/05	1,804,020	2,649,919	-	Restarted system with MW-3 only																	
05/20/05	1,805,010	2,650,909	99	Added MW-4 to the system																	
05/26/05	1,807,630	2,653,529	437	-	-	-	-	-	-	-	-	-	-	-	-						
06/03/05	1,812,100	2,657,999	559	-	-	-	-	-	-	-	-	-	-	-	-						
06/10/05	1,816,540	2,662,439	634	-	-	-	-	-	-	-	-	-	-	-	-						
06/17/05	1,819,870	2,665,769	476	Compressor needs repair																	
06/24/05	1,823,140	2,669,039	467	Replace with new pump MW-3																	
06/29/05	1,827,540	2,673,439	880	-	-	-	-	-	-	-	-	-	-	-	-						
07/08/05	1,829,830	2,675,729	254	-	-	-	-	-	-	-	-	-	-	-	-						
07/14/05	1,829,970	2,675,869	23	<2.9	<0.17	<0.22	<0.14	<0.38	-	4,270	130	3.6 J	348	188	2,790						
07/22/05	1,832,760	2,678,659	349	-	-	-	-	-	-	-	-	-	-	-	-						
07/26/05	1,833,920	2,679,819	290	Shut down system for QWS																	
08/05/05	1,833,970	2,679,869	5	Restart system 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	-	-	-	-	-	-	-	-	-	-	-	-						

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gall/day)	OUTLET/EFFLUENT						INLET/INFLOW					
				TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MIBE ug/l	TPH-g ug/l	B ug/l	T ug/l	E ug/l	X ug/l	MIBE ug/l
09/16/05	1,841,230	2,687,129	386	-	-	-	-	-	-	-	-	-	-	-	-
09/23/05	1,843,410	2,689,309	311	-	-	-	-	-	-	-	-	-	-	-	-
09/30/05	1,844,820	2,690,719	201	-	-	-	-	-	-	-	-	-	-	-	-
10/06/05	1,845,250	2,691,149	72	<2.9	<0.10	<0.15	<0.06	<0.40	-	2,410	<3.2	<1.0	28 J	<3.0	1,990
10/11/05	1,846,030	2,691,929	156	System turned off for QWS on 10/11/05; Restarted on 10/14/05						-	-	-	-	-	-
10/14/05	-	-	-	-	<0.05	<0.07	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/14/05	1,846,590	2,692,489	187	-	<0.10	<0.15	<0.06	<0.40	-	Split-sample results during EBMUD inspection & sampling					
10/21/05	1,847,810	2,693,709	174	-	-	-	-	-	-	-	-	-	-	-	-
11/02/05	1,849,720	2,695,619	159	-	-	-	-	-	-	-	-	-	-	-	-
11/08/05	-	-	-	-	<0.05	0.62	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
11/10/05	1,850,760	2,696,659	130	-	-	-	-	-	-	-	-	-	-	-	-
11/17/05	1,851,420	2,697,319	94	-	-	-	-	-	-	-	-	-	-	-	-
11/23/05	1,854,560	2,700,459	523	-	-	-	-	-	-	-	-	-	-	-	-
11/30/05	1,856,650	2,702,549	299	-	-	-	-	-	-	-	-	-	-	-	-
12/09/05	1,858,340	2,704,239	188	-	-	-	-	-	-	-	-	-	-	-	-
12/15/05	1,859,780	2,705,679	240	-	-	-	-	-	-	-	-	-	-	-	-
12/22/05	1,860,420	2,706,319	91	-	-	-	-	-	-	-	-	-	-	-	-
12/30/05	1,862,470	2,708,369	256	-	-	-	-	-	-	-	-	-	-	-	-
01/06/06	1,866,760	2,712,659	613	-	-	-	-	-	-	-	-	-	-	-	-
01/11/06	1,867,740	2,713,639	196	698	<0.32	<0.10	<0.24	<0.30	-	6,120	210	<0.10	419	130	649
01/18/06	1,870,240	2,716,139	357	Shut down system for QWS and carbon change						-	-	-	-	-	-
01/27/06	1,870,280	2,716,179	4	Restarted after QWS and carbon change						-	-	-	-	-	-
02/01/06	-	-	-	-	<0.70	<0.67	<0.65	<2.0	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
02/01/06	1,870,530	2,716,429	50	-	<0.17	<0.22	<0.14	<0.38	-	Split-sample results during EBMUD inspection & sampling					
02/10/06	1,877,370	2,723,269	760	-	-	-	-	-	-	-	-	-	-	-	-
02/17/06	1,879,230	2,725,129	266	-	-	-	-	-	-	-	-	-	-	-	-
02/24/06	1,880,710	2,726,609	211	-	-	-	-	-	-	-	-	-	-	-	-
03/01/06	1,882,270	2,728,169	312	-	-	-	-	-	-	-	-	-	-	-	-
03/10/06	1,889,370	2,735,269	789	-	-	-	-	-	-	-	-	-	-	-	-
03/17/06	1,889,660	2,735,559	41	-	-	-	-	-	-	-	-	-	-	-	-
03/21/06	1,890,930	2,736,829	318	-	-	-	-	-	-	-	-	-	-	-	-
03/29/06	1,891,880	2,737,779	119	-	-	-	-	-	-	-	-	-	-	-	-
04/05/06	1,893,340	2,739,239	209	<5.6	<0.32	<0.10	<0.24	<0.30	-	1,520	72	<0.10	199	28	129
04/11/06	1,895,480	2,741,379	357	-	Shut down system for QWS						-	-	-	-	-
04/11/06	-	-	-	Restart system after QWS						-	-	-	-	-	-
04/14/06	1,895,490	2,741,389	3	Restart system after QWS						-	-	-	-	-	-
04/21/06	1,897,130	2,743,029	234	-	-	-	-	-	-	-	-	-	-	-	-
04/26/06	1,898,330	2,744,229	240	-	-	-	-	-	-	-	-	-	-	-	-
05/03/06	1,900,240	2,746,139	273	-	-	-	-	-	-	-	-	-	-	-	-
05/12/06	1,903,700	2,749,599	384	-	-	-	-	-	-	-	-	-	-	-	-
05/19/06	1,905,570	2,751,469	267	-	-	-	-	-	-	-	-	-	-	-	-
05/23/06	1,907,810	2,753,709	560	<5.6	<0.32	<0.10	<0.24	<0.30	-	683,000	3,600	135,000	25,100	165,000	-
05/26/06	1,909,780	2,755,679	657	-	-	-	-	-	-	-	-	-	-	-	-
06/02/06	1,911,010	2,756,909	176	-	-	-	-	-	-	-	-	-	-	-	-
06/09/06	1,912,670	2,756,569	237	-	-	-	-	-	-	77,300	668	19,300	1,660	8,800	-
06/16/06	1,914,330	2,760,229	237	-	-	-	-	-	-	-	-	-	-	-	-
06/23/06	1,917,210	2,763,109	411	-	-	-	-	-	-	-	-	-	-	-	-
06/27/06	1,919,740	2,765,639	633	-	-	-	-	-	-	-	-	-	-	-	-

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

Date	Totalizer (gallons)	Total/Cum Discharge (gallons)	Flow (gallons)	OUTLET / EFFLUENT							INLET / INFILTRANT						
				TPH <sup>a</sup> ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH <sup>a</sup> ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L		
07/06/06	1,921,470	2,767,369	192	3,730	44	874	26	503	16	4,450	8.6 J	99	34 J	149	2,780		
07/14/06	1,921,980	2,767,879	64	-	-	-	-	-	-	-	-	-	-	-	-		
07/18/06	1,922,070	2,767,969	23	Shut down system for carbon change							-	-	-	-	-	-	
08/04/06	1,922,080	2,767,989	1	System restarted after carbon change							-	-	-	-	-	-	
08/04/06	1,922,080	2,767,989	1	<5.6	<0.32	<0.10	<0.24	<0.30	-	763	<0.32	<0.10	<0.24	<0.30	1040		
08/18/06	1,928,690	2,774,589	471	-	-	-	-	-	-	-	-	-	-	-	-		
08/25/06	1,929,580	2,775,479	127	-	-	-	-	-	-	-	-	-	-	-	-		
09/01/06	1,932,440	2,778,339	409	-	-	-	-	-	-	-	-	-	-	-	-		
09/08/06	1,936,240	2,782,139	543	-	-	-	-	-	-	-	-	-	-	-	-		
09/14/06	1,938,420	2,784,319	363	-	-	-	-	-	-	-	-	-	-	-	-		
09/20/06	1,939,710	2,785,609	215	-	-	-	-	-	-	-	-	-	-	-	-		
10/04/06	1,942,100	2,787,999	171	<5.6	<0.32	<0.10	<0.24	1.1 J	-	14,400	78	1,110	440	1,440	1,420		
10/13/06	1,945,320	2,791,219	358	-	-	-	-	-	-	-	-	-	-	-	-		
10/19/06	1,947,230	2,793,129	318	-	-	-	-	-	-	-	-	-	-	-	-		
10/24/06	1,948,670	2,794,569	288	Shut down system for QWS							-	-	-	-	-	-	
10/27/06	1,948,670	2,794,569	-	Restart system after QWS							-	-	-	-	-	-	
11/01/06	1,949,120	2,795,019	90	-	-	-	-	-	-	-	-	-	-	-	-		
11/09/06	1,951,030	2,796,929	239	-	-	-	-	-	-	-	-	-	-	-	-		
11/16/06	1,951,817	2,797,716	112	-	-	-	-	-	-	-	-	-	-	-	-		
11/22/06	1,952,010	2,797,909	32	-	-	-	-	-	-	-	-	-	-	-	-		
11/30/06	1,956,730	2,802,629	590	Shut down system for maintenance							-	-	-	-	-	-	
12/01/06	1,956,730	2,802,629	-	Restarted system							-	-	-	-	-	-	
12/07/06	1,958,510	2,804,409	297	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/12/06	1,959,720	2,805,619	242	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/03/07	1,959,230	2,805,129	(22)	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	
01/24/07	1,963,200	2,809,099	-	<5.6	<0.17	<0.22	<0.14	<0.38	-	8,920	<1.6	115	91	612	68		
01/25/07	1,963,860	2,809,759	660	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/02/07	1,967,120	2,813,019	408	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/06/07	1,969,320	2,815,219	550	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/16/07	1,971,040	2,816,939	172	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/19/07	1,971,760	2,817,659	240	-	-	-	-	-	-	-	-	-	-	-	-	-	
02/28/07	1,978,320	2,824,219	729	-	-	-	-	-	-	-	-	-	-	-	-	-	

WD PERMIT LIMITS:	NE	5.0	5.0	5.0	5.0	NE
-------------------	----	-----	-----	-----	-----	----

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

REMEDIATION  
COMPOUND

STA #063  
BLDG

B-3  
EXISTING  
UST

B

MW-3

MW-4

B-3

B-2

MW-1

MW-5

B-4

B-1

MW-2

DISPENSER  
ISLAND

MW-6

6101  
TELEGRAPH AVE.

COMMERCIAL

MW-7

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

Z

EXPLANATION

◆ GROUNDWATER MONITORING WELL

○ GROUNDWATER RECOVERY WELL

○ ABANDONED GROUNDWATER MONITORING WELL

◎ SOIL BORING

61ST STREET

0 30  
APPROXIMATE SCALE  
IN FEET

**EQUPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
Phone: 949 366 0275  
Fax: 949 366 0281

PROJECT NO. -

SITE PLAN

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE:

1

SHEET:

of

REVISION NO:

0

DATE: 03/07

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIATION  
COMPOUND

136

STA #063  
BLDG

135.54 MW-3

MW-4  
135.14

135

MW-5\*  
135.25

DISPENSER  
ISLAND

MW-2

MW-6  
136.51

MW-1  
134.83

6101  
TELEGRAPH AVE.

COMMERCIAL

RESIDENTIAL

MW-7\*\*  
137.36

MW-8\*\*  
135.41

TELEGRAPH AVENUE

EXPLANATION

- \* ANOMALOUS DATA ON MW-5,  
NOT CONTOURED
- \*\* MW-7 AND MW-8 WERE NOT USED IN  
CONTOURING THIS QUARTER'S DATA,  
BUT WILL BE USED ON ALL SUBSEQUENT  
MONITORING EVENTS
- GROUNDWATER MONITORING WELL
- GROUNDWATER RECOVERY WELL
- ◊ ABANDONED GROUNDWATER MONITORING WELL

Groundwater elevations measured on 1/24/2007, except MW-7 and MW-8 were measured on 3/5/2007

1st QUARTER 2007 MONITORING EVENT

0 30  
APPROXIMATE SCALE  
IN FEET

**EQUPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
Phone: 949 366 0275  
Fax: 949 366 0281

GROUNDWATER CONTOUR MAP

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE:

2

SHEET:

of

REVISION NO:

0

DATE:

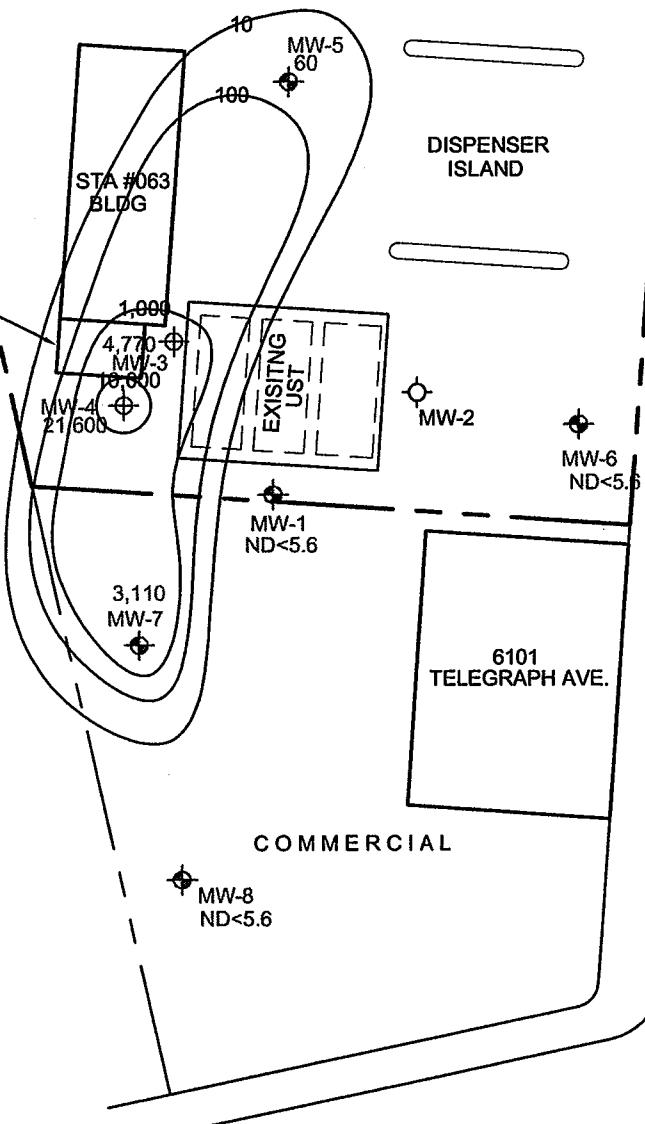
03/07

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIATION  
COMPOUND



EXPLANATION

- ◆ GROUNDWATER MONITORING WELL
- ◆ GROUNDWATER RECOVERY WELL
- ◆ ABANDONED GROUNDWATER MONITORING WELL

61ST STREET

Groundwater samples collected on 1/24/2007 and 3/5/2007

1st QUARTER 2007 MONITORING EVENT

0 30  
APPROXIMATE SCALE  
IN FEET

**EQUPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
Phone: 949 366 0275  
Fax: 949 366 0281

PROJECT NO. -

TPHg ISOCONCENTRATION MAP

Thrift Station No. 063  
6125 Telegraph Avenue  
Oakland, California

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

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIATION  
COMPOUND

STA #063  
BLDG

MW-5  
ND<0.32

DISPENSER  
ISLAND

MW-4  
2.9

EXISTING  
UST

DISPENSER  
ISLAND

MW-1  
ND<0.32

MW-6  
ND<0.32

10  
16  
MW-7

6101  
TELEGRAPH AVE.

COMMERCIAL

MW-8  
ND<0.32

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

- ◆ GROUNDWATER MONITORING WELL
- ◆ GROUNDWATER RECOVERY WELL
- ◆ ABANDONED GROUNDWATER MONITORING WELL

Groundwater samples collected on 1/24/2007 AND 3/5/2007

1ST QUARTER 2007 MONITORING EVENT

61ST STREET

0 30  
APPROXIMATE SCALE  
IN FEET

BENZENE ISOCONCENTRATION MAP

FIGURE:

4

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

SHEET:

of

REVISION NO:

0

DATE:

03/07

**EQUPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
Phone: 949 366 0275  
Fax: 949 366 0281

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIATION  
COMPOUND

STA #063  
BLDG

MW-5  
ND<0.63

DISPENSER  
ISLAND

ND<0.63  
MW-3

MW-4  
123 100

EXISTING  
UST

MW-2

MW-6  
ND<0.63

MW-1  
ND<0.63

6101  
TELEGRAPH AVE.

COMMERCIAL

MW-7  
9.9

MW-8  
22  
10

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

- ◆ GROUNDWATER MONITORING WELL
- ◆ GROUNDWATER RECOVERY WELL
- ◆ ABANDONED GROUNDWATER MONITORING WELL

Groundwater samples collected on 1/24/2007 and 3/5/2007

1ST QUARTER 2007 MONITORING EVENT

61ST STREET

0 30  
APPROXIMATE SCALE  
IN FEET

**EQUPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
Phone: 949 366 0275  
Fax: 949 366 0281

MTBE ISOCONCENTRATION MAP

Thrift Station No. 063  
6125 Telegraph Avenue  
Oakland, California

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

## ***APPENDIX A***

**WELL MONITORING DATA SHEET**

Project #: 070305-0W-2	Client: Equipoise		
Sampler: DW	Date: 3-5-07		
Well I.D.: mw-7	Well Diameter: (2) 3 4 6 8		
Total Well Depth (TD): 17.43	Depth to Water (DTW): 10.84		
Depth to Free Product:	Thickness of Free Product (feet):		
Referenced to: PVC	Grade	D.O. Meter (if req'd): YSI	IIACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.15			

Purge Method: Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible

Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method: Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing

Other: \_\_\_\_\_

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

1 Case Volume (Gals.) X Specified Volumes = Calculated Volume

Time	Temp (F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1302	68.0	6.6	1092	>1000	1.1	Brown
1304	67.8	6.7	927	>1000	2.2	"
1306	67.0	6.6	922	>1000	3.3	"

Did well dewater? Yes  No Gallons actually evacuated: 3.3

Sampling Date: 3-5-07 Sampling Time: 1310 Depth to Water: 12.10

Sample I.D.: mw-7 Laboratory: Kiff CalScience Other Associated Lab

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: EOB, EOC, methanol, Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# WELL MONITORING DATA SHEET

Project #: 070305-0W-2	Client: Equipment		
Sampler: DW	Date: 3-5-07		
Well I.D.: mw-8	Well Diameter: (2) 3 4 6 8		
Total Well Depth (TD): 18.30	Depth to Water (DTW): 11.90		
Depth to Free Product:	Thickness of Free Product (feet):		
Referenced to: PVC	Grade	D.O. Meter (if req'd): YSI	HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.18			

Purge Method: Bailer

Disposable Bailer  
Positive Air Displacement  
Electric Submersible

Waterra  
Peristaltic  
Extraction Pump  
Other \_\_\_\_\_

Sampling Method:

Bailer  
 Disposable Bailer  
Extraction Port  
Dedicated Tubing

Other: \_\_\_\_\_

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

1 (Gals.) X 3 = 3 Gals.  
1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1324	67.1	6.4	1535	>1000	1	
1326	67.3	6.3	1582	>1000	2	
1328	67.2	6.2	1573	>1000	3	

Did well dewater? Yes  No Gallons actually evacuated: 3

Sampling Date: 3-5-07 Sampling Time: 1333 Depth to Water: 12.58

Sample I.D.: mw-8 Laboratory: Kiff CalScience Other Associated Lab

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: EOB, EDC, Methanol, Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SPH or Purge Water Drum Log

Client:

Equipoise

Site Address:

6125 Telegraph Ave Oakland

## STATUS OF DRUM(S) UPON ARRIVAL

Date	3-5-07				
Number of drum(s) empty:					
Number of drum(s) 1/4 full:					
Number of drum(s) 1/2 full:					
Number of drum(s) 3/4 full:	1				
Number of drum(s) full:	4				
Total drum(s) on site:	5				
Are the drum(s) properly labeled?	y				
Drum ID & Contents:	Soil H <sub>2</sub> O				
If any drum(s) are partially or totally filled, what is the first use date:					

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.
- If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.
- All BTS drums MUST be labeled appropriately.

## STATUS OF DRUM(S) UPON DEPARTURE

Date	3-5-07				
Number of drums empty:					
Number of drum(s) 1/4 full:					
Number of drum(s) 1/2 full:					
Number of drum(s) 3/4 full:					
Number of drum(s) full:	5				
Total drum(s) on site:	5				
Are the drum(s) properly labeled?	y				
Drum ID & Contents:	Soil + H <sub>2</sub> O				

## LOCATION OF DRUM(S)

Describe location of drum(s): Behind bldg.

## FINAL STATUS

Number of new drum(s) left on site this event	0				
Date of inspection:	3-5-07				
Drum(s) labelled properly:	y				
Logged by BTS Field Tech:	bw				
Office reviewed by:	bw				

## TEST EQUIPMENT CALIBRATION LOG

# WELLHEAD INSPECTION CHECKLIST

Page \_\_\_\_ of \_\_\_\_

Date 3-5-07 Client Equiprise

Site Address 6125 Telegraph Ave Oakland

Job Number 070305-0W-2

Technician DW

## NOTES:

## WELL GAUGING DATA

Project # 070305-0W-2 Date 3-5-07 Client Equipoise

Site 6125 Telegraph Ave Oakland

# PROJECT STATUS REPORT

**EARTH MANAGEMENT CO.**  
Environmental Remediation

SITE  
ADDRESS

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

DATE

01-24-2007

PERSONNEL

SERBAN P

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	WC (FT)	DIA (IN)	PURGE (GAL)	COMMENT	
							EST.	ACT.	
<u>MONTHLY/QUARTERLY</u>									
MW-1	13.60	28.94			15.34	2"	10	10	
MW-2									IS UNDOUNED
MW-3	13.40	28.20			14.80	6"	86	86	
MW-4	13.74	29.07			15.33	2"	10	10	
MW-5	14.37	26.23			11.86	4"	31	31	
MW-6	11.87	26.80			14.93	4"	39	39	

**FIELD DATA - GROUNDWATER SAMPLING PROGRAM**

Site:	# 063	Date:	01-24-2007
Address:			
Personnel:	SERBAN P -	Weather:	SUNNY DRY
Well No:	MW-1	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	28.94	Well Diameter	24
Depth to Water (ft)	13.60	Est. Purge Volume:	10

Sampling Data:						
Initial Turbidity:	Final Turbidity:					
Time	9:22	9:24	9:26	9:28	9:30	
C	1390	1390	1410	1420	1420	
H	5.86	5.93	5.90	5.93	5.90	
Temp	71.6	71.7	71.5	71.6	71.7	
Sal.	2	4	6	8	10	
ne						
1						
np						
.						

After Purging/Before Sample Collection	TIME:	AM/PM	
Depth to Water (ft.)	18.11	Total Well Depth(ft.)	28.94

**FIELD DATA - GROUNDWATER SAMPLING PROGRAM**

Site:	# 063	Date:	01-24-2007
Address:			
Personnel:	SERBAN P.	Weather:	SUNNY DAY
Well No:	MW-6	Equip:	BARRIER

Before Purging:			
Total Well Depth: (ft.)	26.80	Well Diameter	4"
Depth to Water (ft)	11.87	Est. Purge Volume:	39

Sampling Data:					
Initial Turbidity:			Final Turbidity:		
Time	9:48	9:56	10:04	10:12	10:20
EC	1460	1460	1420	1430	1430
pH	5.92	5.93	6.90	5.90	5.93
Temp	71.4	71.6	71.8	71.6	71.8
Gal.	7	12	23	31	39
Time					
EC					
pH					
Temp					
Gal.					

After Purging/Before Sample Collection			
Depth to Water (ft.)	15.32	Total Well Depth(ft.)	26.80

**FIELD DATA - GROUNDWATER SAMPLING PROGRAM**

Site:	H-063	Date:	01-24-2007
Address:			
Personnel:	SERBINA	Weather:	SUNNY DAY
Well No:	MW-5	Equip:	BARRIER

Before Purging:			
Total Well Depth: (ft)	26.23	Well Diameter	44
Depth to Water (ft)	14.37	Est. Purge Volume:	31

Sampling Data:							
Initial Turbidity:	Final Turbidity:						
Time	10:32	10:39	10:46	10:53	11:00		
EC	1490	1470	1490	1500	1500		
pH	5.82	5.83	5.81	5.84	5.83		
Temp	71.4	71.6	71.8	71.8	71.6		
Gal.	6	12	18	24	31		

Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft)	19.06	Total Well Depth (ft)	26.23

# FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	<u># 063</u>	Date:	<u>01-24-2007</u>
Address:			
Personnel:	<u>SERBAN</u>	Weather:	<u>SUNNY DRY</u>
Well No:	<u>MW-4</u>	Equip:	<u>BATLER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>29.07</u>	Well Diameter	<u>24</u>
Depth to Water (ft)	<u>13.74</u>	Est. Puree Volume:	<u>10</u>

Sampling Data:					
Initial Turbidity:			Final Turbidity:		
Time	12:42	12:44	12:46	12:48	12:50
EC	1390	1370	1390	1370	1370
pH	5.38	5.26	5.30	5.32	5.32
Temp	71.4	71.3	71.2	71.3	71.2
Gal.	2	4	6	8	10
Time					
EC					
pH					
Temp					
Gal.					

After Purging/Before Sample Collection	
Depth to Water (ft.)	<u>18.06</u>
Total Well Depth(ft.)	<u>29.07</u>

**FIELD DATA - GROUNDWATER SAMPLING PROGRAM**

Site:	# 063	Date:	01-24-2007
Address:			
Personnel:	SERBAN,	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft)	28.20	Well Diameter	6"
Depth to Water (ft)	13.40	Est. Purge Volume:	86

Sampling Data:					
Initial Turbidity:			Final Turbidity:		
Time	11:20	11:37	11:54	12:12	12:30
EC	1680	1690	1720	1710	1710
pH	5.15	5.21	5.20	5.20	5.22
Temp	73.4	73.2	73.2	71.9	71.7
Gal.	17	34	51	68	86
Time					
EC					
pH					
Temp					
Gal.					

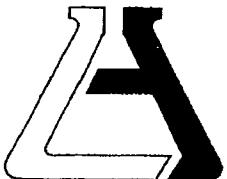
After Purging/Before Sample Collection			
Depth to Water (ft.)	17.21	Total Well Depth(ft.)	28.20

063

## Chain of Custody Record

Company <i>Associated Laboratories</i>	Phone <i>714-538-1209</i>	A.L. Job No. <i>100-301-0000</i>	Page _____ of _____							
Project Manager <i>John S. Smith</i>	Fax <i>714-538-1209</i>	Analysis Requested								
Project Name <i>Site 1</i>	Project # <i>100-301-0000</i>	Test Instructions & Comments								
Site Name and Address <i>123 Main Street, Anytown, CA 90210</i>										
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
Sample Receipt - To Be Filled By Laboratory							Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.	
Total Number of Containers		Properly Cooled Y / N / NA		Signature:			Signature:		Signature:	
Custody Seals Y / N / NA		Samples Intact Y / N / NA		Printed Name:			Printed Name:		Printed Name:	
Received in Good Condition Y / N		Samples Accepted Y / N		Date: _____ Time: _____			Date: _____ Time: _____		Date: _____ Time: _____	
Turn Around Time							Received By: 1.	Received By: 2.	Received By: 3.	
<input type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 72 hrs.							Signature:		Signature:	
							Printed Name:		Printed Name:	
							Date: _____ Time: _____		Date: _____ Time: _____	

## ***APPENDIX B***



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

FAX 714/538-1209

CLIENT	Thrifty Oil Company ATTN: Jeff Suryakusuma 13116 Imperial Hwy. P.O. Box 2128 Santa Fe Springs, CA 90670	(8871)	LAB REQUEST 186135
			REPORTED 03/11/2007
			RECEIVED 03/06/2007
PROJECT	Station #063 6125 Telegraph Ave., Oakland		
SUBMITTER	Client		
COMMENTS	T0600101366 BTS# 070305-DW-2		

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>
782319	TOC #063 MW-7
782320	TOC #063 MW-8
782321	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

Order #: 782319  
Matrix: WATER

Client Sample ID: TOC #063 MW-7  
Date Sampled: 03/05/2007 Time Sampled: 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8015M Ethanol / Methanol by GC-FID</b>						
Ethanol	ND	1	50	20	mg/L	03/08/07 QN
Methanol	ND	1	50	20	mg/L	03/08/07 QN
<b>8260B Volatile Organic Compounds</b>						
1,2-Dibromoethane	ND	1	5	0.46	ug/L	03/07/07 RP
1,2-Dichloroethane	ND	1	5	0.20	ug/L	03/07/07 RP
Benzene	16	1	1	0.32	ug/L	03/07/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	03/07/07 RP
Ethyl benzene	125	1	5	0.24	ug/L	03/07/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	03/07/07 RP
Methyl-tert-butylether (MTBE)	9.9	1	1	0.63	ug/L	03/07/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	03/07/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	03/07/07 RP
Toluene	ND	1	5	0.10	ug/L	03/07/07 RP
Xylenes, total	725	10	50.0	0.3	ug/L	03/07/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	96			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 130	
Surr3 - Toluene-d8	98			%	70 - 130	
Surr4 - p-Bromofluorobenzene	111			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	3110	10	500.0	5.6	ug/L	03/07/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	114			%	55 - 200	

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

**ASSOCIATED LABORATORIES**

Analytical Results Report  
Lab Request 186135 results, page 1 of 3

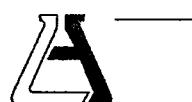


Order #: 782320  
Matrix: WATER

Client Sample ID: TOC #063 MW-8  
Date Sampled: 03/05/2007 Time Sampled: 13:33

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8015M Ethanol / Methanol by GC-FID</b>						
Ethanol	ND	1	50	20	mg/L	03/08/07 QN
Methanol	ND	1	50	20	mg/L	03/08/07 QN
<b>8260B Volatile Organic Compounds</b>						
1,2-Dibromoethane	ND	1	5	0.46	ug/L	03/07/07 RP
1,2-Dichloroethane	ND	1	5	0.20	ug/L	03/07/07 RP
Benzene	ND	1	1	0.32	ug/L	03/07/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	03/07/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	03/07/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	03/07/07 RP
Methyl-tert-butylether (MTBE)	22	1	1	0.63	ug/L	03/07/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	03/07/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	03/07/07 RP
Toluene	ND	1	5	0.10	ug/L	03/07/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	03/07/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	108			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	122			%	70 - 130	
Surr3 - Toluene-d8	102			%	70 - 130	
Surr4 - p-Bromofluorobenzene	106			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	03/07/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	100			%	55 - 200	

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



Order #: 782321  
Matrix: WATER

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8015M Ethanol / Methanol by GC-FID</b>						
Ethanol	ND	1	50	20	mg/L	03/08/07 QN
Methanol	ND	1	50	20	mg/L	03/08/07 QN
<b>8260B Volatile Organic Compounds</b>						
1,2-Dibromoethane	ND	1	5	0.46	ug/L	03/07/07 RP
1,2-Dichloroethane	ND	1	5	0.20	ug/L	03/07/07 RP
Benzene	ND	1	1	0.32	ug/L	03/07/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	03/07/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	03/07/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	03/07/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	03/07/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	03/07/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	03/07/07 RP
Toluene	ND	1	5	0.10	ug/L	03/07/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	03/07/07 RP
<b>Surrogates</b>						<b>Units</b>
Surr1 - Dibromofluoromethane	105				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	116				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	03/06/07 LD
<b>Surrogates</b>						<b>Units</b>
a,a,a-Trifluorotoluene	94				%	55 - 200

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



**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: March 6, 2007

Analysis Date: March 6, 2007

Lab ID#'s in Batch: 186118, 186117, 186100, 186135, 186115, 185338

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	492	515	98	103	5

*ND = Not Detected*

*LCS Result = Lab Control Sample Result*

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

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

<i>%REC LIMITS = 70 - 130</i>
-------------------------------

<i>RPD LIMITS = 30</i>
------------------------

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	94
LCS	145
LCSD	190

*AAA-TFT =  $\alpha,\alpha,\alpha$ -Trifluorotoluene*

**ASSOCIATED LABORATORIES**  
**LCS REPORT FORM**

QC Sample: G1-LCS/LCSD  
 Matrix: WATER  
 Prep. Date: March 6, 2007  
 Analysis Date: March 6, 2007  
 Lab ID#'s in Batch: 186118, 186117, 186100, 186135

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	20.8	20.7	104	104	0
Toluene	8021	ND	20	20.6	20.5	103	103	0
Ethylbenzene	8021	ND	20	21.3	21.0	107	105	1
Xylenes	8021	ND	60	64.7	64.2	108	107	1

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.	AAA-TFT
QC Limit	55-200
Method Blank	94
LCS	103
LCSD	105

AAA-TFT = *a,a,a*-Trifluorotoluene

## ASSOCIATED LABORATORIES

### QA / QC EPA Methods 8260 GCMS # 3

Sample ID: LCS / LCSD Water Sample

Date Prepared: March 7, 2007

Date Analyzed: March 7, 2007

Sample Matrix: Water

Units: µg/L

Lab ID#'s in Batch: 185853, 186083, 186103, 186135, 186099

Compound	True Value	LCS Res	LCSD Res	LCS % Rec	LCSD % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	50.0	49.40	48.30	99	97	2	22	59 - 172
MTBE	50.0	48.40	48.20	97	96	0	24	62 - 137
Benzene	50.0	48.10	48.60	96	97	1	24	62 - 137
Trichloroethene	50.0	50.30	51.90	101	104	3	21	66 - 142
Toluene	50.0	50.30	51.00	101	102	1	21	59 - 139
Chlorobenzene	50.0	49.00	51.20	98	102	4	21	60 - 133

### Surrogate Recovery

Compound	MB1 % Rec	MB 2 % Rec		LCS % Rec	LCSD % Rec	Limits % Rec
Dibromofluoromethane	109			106	102	70 - 135
1,2-Dichloroethane-d4	122			98	95	70 - 135
Toluene-d8	101			104	103	70 - 135
p-Bromofluorobenzene	104			106	104	70 - 135

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: **MS/MSD Water Sample** 186100-167

Date Prepared: March 6, 2007

Date Analyzed: March 6, 2007

Sample Matrix: Water

Units: µg/L

Lab ID#'s in Batch: 185338, 186083, 186100, 186103, 185928, 185853, 186101, 186099, 186135

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	52.00	50.30	104	101	3	22	59 - 172
MTBE	0.00	50.0	51.20	50.70	102	101	1	24	62 - 137
Benzene	0.00	50.0	49.30	48.10	99	96	2	24	62 - 137
Trichloroethene	0.00	50.0	50.70	49.40	101	99	3	21	66 - 142
Toluene	0.00	50.0	51.30	49.40	103	99	4	21	59 - 139
Chlorobenzene	0.00	50.0	50.30	49.50	101	99	2	21	60 - 133

Sample ID: **LCS**

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	54.60	109	59 - 172
MTBE	50.0	51.80	104	62 - 137
Benzene	50.0	49.80	100	62 - 137
Trichloroethene	50.0	49.80	100	66 - 142
Toluene	50.0	50.70	101	59 - 139
Chlorobenzene	50.0	50.60	101	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	106	105		107	106		110	70 - 135
1,2-Dichloroethane-d4	122	116		107	107		112	70 - 135
Toluene-d8	104	102		105	105		107	70 - 135
p-Bromofluorobenzene	101	107		106	107		99	70 - 135

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: LCS / LCSD

Matrix: WATER

Prep. Date: 03/08/07

Analysis Date: 03/08/07

ID#'s in Batch: LR 186135

**LAB CONTROL SPIKE / LAB CONTROL SPIKE DUPLICATE RESULT**

Reporting Units = mg/L

Test	Method	Blank Result	Spike Added	LCS Spike	LCSD Spike Dup	%Rec LCS	%Rec LCSD	% RPD
Methanol	D285	ND	100	85.6	92.7	86	93	8
Ethanol	D285	ND	100	92.0	95.0	92	95	3

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

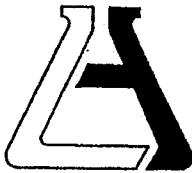
*%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate*

**% REC LIMITS = 70 - 130**

**RPD LIMITS = 25**

***Method Blank - All ND***





## ASSOCIATED LABORATORIES

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

FAX 714-538-1209

### SAMPLE ACCEPTANCE CHECKLIST

#### Section 1

Client: Blaine Equipoise

Project: \_\_\_\_\_

Date Received: 3/6/07

Sample(s) received in cooler: Yes

No (Skip Section 2)

#### Section 2

Was the cooler packed with:  Ice  Ice Packs  Bubble Wrap  Styrofoam  
 Paper  None  Other

Cooler or box temperature: 3.2 °C

(Acceptance range is 2 to 6 Deg. C.)

#### Section 3

Was a COC received?

YES  NO  N/A

Were custody seals present?

If Yes - were they intact?

Were all samples sealed in plastic bags?

Did all samples arrive intact? If no, indicate below.

Did all bottle labels agree with COC? (ID, dates and times)

Were correct containers used for the tests required?

Was a sufficient amount of sample sent for tests indicated?

No head space in VOA vials?

Were the correct preservatives used?

Were the samples scanned for presence of radioactivity?

Was total residual chlorine measured (Fish Bioassay samples only)? \*

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

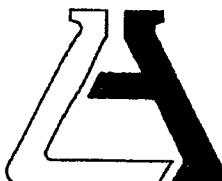
#### Section 4

Explanations/Comments


#### Section 5

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

Completed By: J. Madsen Date: 3/6/07



**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** 183599

**REPORTED** 02/06/2007

**RECEIVED** 01/25/2007

**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.

<u>Order No.</u>	<u>Client Sample Identification</u>
772221	TOC#063 MW-1
772222	TOC#063 MW-6
772223	TOC#063 MW-5
772224	TOC#063 MW-3
772225	TOC#063 MW-4
772226	TOC#063 Trip Blank
772227	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, PhD.  
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

Order #: 772221  
Matrix: WATER

Client Sample ID: TOC#063 MW-1  
Date Sampled: 01/24/2007 Time Sampled: 13:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst	
<b>8260B BTEX/MTBE Only</b>							
Benzene	ND	1	1	0.32	ug/L	02/05/07 RP	
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP	
Ethyl benzene	1.2	J	1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP	
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/05/07 RP	
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP	
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/05/07 RP	
Toluene	3.1	J	1	5	0.10	ug/L	02/05/07 RP
Xylenes, total	6.4		1	5	0.3	ug/L	02/05/07 RP
<b>Surrogates</b>							
Surr1 - Dibromofluoromethane	102				%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130	
Surr3 - Toluene-d8	94				%	70 - 130	
Surr4 - p-Bromofluorobenzene	108				%	70 - 130	
<b>8015B - Gasoline</b>							
Gasoline	ND	1	50	5.6	ug/L	02/06/07 LD	
<b>Surrogates</b>							
a,a,a-Trifluorotoluene	68				%	55 - 200	

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



Order #: 772222  
Matrix: WATER

Client Sample ID: TOC#063 MW-6  
Date Sampled: 01/24/2007 Time Sampled: 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	02/05/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP
Ethyl benzene	1.1	J 1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/05/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/05/07 RP
Toluene	2.2	J 1	5	0.10	ug/L	02/05/07 RP
Xylenes, total	5.6	1	5	0.3	ug/L	02/05/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	104				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	115				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	02/06/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	75				%	55 - 200

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



Order #: 772223  
Matrix: WATER

Client Sample ID: TOC#063 MW-5  
Date Sampled: 01/24/2007 Time Sampled: 13:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	02/05/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP
Ethyl benzene	3.8	J 1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/05/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/05/07 RP
Toluene	16	1	5	0.10	ug/L	02/05/07 RP
Xylenes, total	17	1	5	0.3	ug/L	02/05/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	101			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 130	
Surr3 - Toluene-d8	94			%	70 - 130	
Surr4 - p-Bromofluorobenzene	117			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	60	1	50	5.6	ug/L	02/06/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	67			%	55 - 200	

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



Order #: 772224  
Matrix: WATER

Client Sample ID: TOC#063 MW-3  
Date Sampled: 01/24/2007 Time Sampled: 14:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	1.5	1	1	0.32	ug/L	02/05/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP
Ethyl benzene	86	1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/05/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP
Tertiary butyl alcohol (TBA)	70	1	10	10	ug/L	02/05/07 RP
Toluene	98	1	5	0.10	ug/L	02/05/07 RP
Xylenes, total	604	10	50.0	0.3	ug/L	02/06/07 RP
<b>Surrogates</b>						<b>Control Limits</b>
Surr1 - Dibromofluoromethane	99			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	123			%	70 - 130	
Surr3 - Toluene-d8	99			%	70 - 130	
Surr4 - p-Bromofluorobenzene	111			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	4770	10	500.0	5.6	ug/L	02/06/07 LD
<b>Surrogates</b>						<b>Control Limits</b>
a,a,a-Trifluorotoluene	81			%	55 - 200	

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



Order #: 772225  
Matrix: WATER

Client Sample ID: TOC#063 MW-4  
Date Sampled: 01/24/2007 Time Sampled: 14:55

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	2.9	1	1	0.32	ug/L	02/05/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP
Ethyl benzene	205	1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP
Methyl-tert-butylether (MTBE)	123	1	1	0.63	ug/L	02/05/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP
Tertiary butyl alcohol (TBA)	139	1	10	10	ug/L	02/05/07 RP
Toluene	256	10	50.0	0.10	ug/L	02/06/07 RP
Xylenes, total	1710	10	50.0	0.3	ug/L	02/06/07 RP
<b>Surrogates</b>						
Sur1 - Dibromofluoromethane	93			%	70 - 130	
Sur2 - 1,2-Dichloroethane-d4	111			%	70 - 130	
Sur3 - Toluene-d8	88			%	70 - 130	
Sur4 - p-Bromofluorobenzene	120			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	21600	100	5000.0	5.6	ug/L	02/06/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	68			%	55 - 200	

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



Order #: 772226  
Matrix: WATER

Client Sample ID: TOC#063 Trip Blank  
Date Sampled: 01/24/2007 Time Sampled: 00:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	02/06/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	02/06/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/06/07 RP
Toluene	ND	1	5	0.10	ug/L	02/06/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	02/06/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	98			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 130	
Surr3 - Toluene-d8	93			%	70 - 130	
Surr4 - p-Bromofluorobenzene	110			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	02/06/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	68			%	55 - 200	

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



Order #: 772227

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	02/05/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/05/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	02/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/05/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/05/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/05/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/05/07 RP
Toluene	ND	1	5	0.10	ug/L	02/05/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	02/05/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	106			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	108			%	70 - 130	
Surr3 - Toluene-d8	97			%	70 - 130	
Surr4 - p-Bromofluorobenzene	114			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	02/05/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	120			%	55 - 200	

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor

ND = Not detected below indicated MDL, J=Trace



# ASSOCIATED LABORATORIES

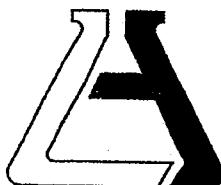
806 North Batavia • Orange, CA 92868

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

063

## Chain of Custody Record

Company <b>THRIFTY OIL CO.</b>	Phone: 714-538-1209	A.L. Job No.								
Project Manager <i>Jack W. Williams</i>	Fax			Page 1 of 1						
Project Name <b>Q.W.S.</b>	Project # <b>106</b>									
Site Name and Address <b>6725 FAIRFIELD DR. ORANGE, CA 92869</b>										
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested	Test Instructions & Comments		
1										
2										
3										
4										
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6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
Sample Receipt - To Be Filled By Laboratory							Relinquished by Sampler:	1. Relinquished by Signature:	2. Relinquished by Signature:	3. Relinquished by Signature:
Total Number of Containers	Property Cooled: Y / N / NA	Printed Name:	Date:	Time:	Date:	Time:	Date:	Time:		
Custody Seals Y / N / NA	Samples Intact: Y / N / NA	Printed Name:	Date:	Time:	Date:	Time:	Date:	Time:		
Received in Good Condition: Y / N	Samples Accepted: Y / N	Received By: <i>Patricia G. Johnson</i>	Signature: <i>1. aff</i>	Received By: <i>Patricia G. Johnson</i>	Signature: <i>1. aff</i>	Received By: <i>Patricia G. Johnson</i>	Signature: <i>1. aff</i>			
Turn Around Time							Received By: <i>Patricia G. Johnson</i>	Received By: <i>Patricia G. Johnson</i>	Received By: <i>Patricia G. Johnson</i>	
<input type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	Date:	Time:	Date:	Time:	
		<input type="checkbox"/> 24 hrs.			Printed Name:	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** 183680

**REPORTED** 02/01/2007

**RECEIVED** 01/26/2007

**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.

<b>Order No.</b>	<b>Client Sample Identification</b>
772475	TOC #063 Inlet
772476	TOC #063 Int-3
772477	TOC #063 Int-2
772478	TOC #063 Int-1
772479	TOC #063 MW-3
772480	TOC #063 MW-4
772481	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

*Edward S. Behare*  
**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

Order #: 772475  
Matrix: WATER

Client Sample ID: TOC #063 Inlet  
Date Sampled: 01/25/2007 Time Sampled: 13:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	5	5.0	0.32	ug/L	01/30/07 RP
Di-isopropyl ether (DIPE)	ND	5	5.0	0.29	ug/L	01/30/07 RP
Ethyl benzene	91	5	25.0	0.24	ug/L	01/30/07 RP
Ethyl-tertbutylether (ETBE)	ND	5	5.0	0.17	ug/L	01/30/07 RP
Methyl-tert-butylether (MTBE)	68	5	5.0	0.63	ug/L	01/30/07 RP
Tert-amylmethylether (TAME)	10	5	5.0	0.28	ug/L	01/30/07 RP
Tertiary butyl alcohol (TBA)	95	5	50.0	10	ug/L	01/30/07 RP
Toluene	115	5	25.0	0.10	ug/L	01/30/07 RP
Xylenes, total	612	5	25.0	0.3	ug/L	01/30/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	99				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106				%	70 - 130
Surr3 - Toluene-d8	107				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	8920	20	1000.0	5.6	ug/L	01/31/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	103				%	55 - 200

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



Order #: 772476  
Matrix: WATER

Client Sample ID: TOC #063 Int-3  
Date Sampled: 01/25/2007 Time Sampled: 13:35

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	5	5.0	0.32	ug/L	01/30/07 RP
Di-isopropyl ether (DIPE)	ND	5	5.0	0.29	ug/L	01/30/07 RP
Ethyl benzene	83	5	25.0	0.24	ug/L	01/30/07 RP
Ethyl-tertbutylether (ETBE)	ND	5	5.0	0.17	ug/L	01/30/07 RP
Methyl-tert-butylether (MTBE)	64	5	5.0	0.63	ug/L	01/30/07 RP
Tert-amylmethylether (TAME)	ND	5	5.0	0.28	ug/L	01/30/07 RP
Tertiary butyl alcohol (TBA)	86	5	50.0	10	ug/L	01/30/07 RP
Toluene	115	5	25.0	0.10	ug/L	01/30/07 RP
Xylenes, total	530	5	25.0	0.3	ug/L	01/30/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	99			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	100			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	108			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	4640	5	250.0	5.6	ug/L	01/30/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	223*			%	55 - 200	

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



Order #: 772477

Matrix: WATER

Client Sample ID: TOC #063 Int-2

Date Sampled: 01/25/2007 Time Sampled: 13:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.32	ug/L	01/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	01/27/07 RP
Ethyl benzene	1.1	J	1	5	0.24 ug/L	01/27/07 RP
Ethyl-tert-butylether (ETBE)	ND	1	1	0.17	ug/L	01/27/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	01/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	01/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	01/27/07 RP
Toluene	6.1	1	5	0.10	ug/L	01/27/07 RP
Xylenes, total	5.3	1	5	0.3	ug/L	01/27/07 RP

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	104	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104	%	70 - 130
Surr3 - Toluene-d8	96	%	70 - 130
Surr4 - p-Bromofluorobenzene	106	%	70 - 130

**8015B - Gasoline**

Gasoline	54	1	50	5.6	ug/L	01/29/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	137			%	55 - 200	

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

**ASSOCIATED LABORATORIES**Analytical Results Report  
Lab Request 183680 results, page 3 of 7

Order #: 772478  
Matrix: WATER

Client Sample ID: TOC #063 Int-1  
Date Sampled: 01/25/2007 Time Sampled: 13:45

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.32	ug/L	01/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	01/27/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	01/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	01/27/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	01/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	01/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	01/27/07 RP
Toluene	ND	1	5	0.10	ug/L	01/27/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	01/27/07 RP

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	106	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	107	%	70 - 130
Surr3 - Toluene-d8	98	%	70 - 130
Surr4 - p-Bromofluorobenzene	105	%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6	ug/L	01/29/07 LD
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**Surrogates**

		Units	Control Limits
a,a,a-Trifluorotoluene	108	%	55 - 200

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



Order #: 772479  
Matrix: WATER

Client Sample ID: TOC #063 MW-3  
Date Sampled: 01/25/2007 Time Sampled: 13:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	5	5.0	0.32	ug/L	01/30/07 RP
Di-isopropyl ether (DIPE)	ND	5	5.0	0.29	ug/L	01/30/07 RP
Ethyl benzene	71	5	25.0	0.24	ug/L	01/30/07 RP
Ethyl-tertbutylether (ETBE)	ND	5	5.0	0.17	ug/L	01/30/07 RP
Methyl-tert-butylether (MTBE)	ND	5	5.0	0.63	ug/L	01/30/07 RP
Tert-amylmethylether (TAME)	ND	5	5.0	0.28	ug/L	01/30/07 RP
Tertiary butyl alcohol (TBA)	58	5	50.0	10	ug/L	01/30/07 RP
Toluene	85	5	25.0	0.10	ug/L	01/30/07 RP
Xylenes, total	487	5	25.0	0.3	ug/L	01/30/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	100			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	102			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	110			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	5890	5	250.0	5.6	ug/L	01/30/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	283*			%	55 - 200	

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



Order #: 772480  
Matrix: WATER

Client Sample ID: TOC #063 MW-4  
Date Sampled: 01/25/2007 Time Sampled: 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	5	5.0	0.32	ug/L	01/30/07 RP
Di-isopropyl ether (DIPE)	ND	5	5.0	0.29	ug/L	01/30/07 RP
Ethyl benzene	244	5	25.0	0.24	ug/L	01/30/07 RP
Ethyl-tertbutylether (ETBE)	ND	5	5.0	0.17	ug/L	01/30/07 RP
Methyl-tert-butylether (MTBE)	110	5	5.0	0.63	ug/L	01/30/07 RP
Tert-amylmethylether (TAME)	ND	5	5.0	0.28	ug/L	01/30/07 RP
Tertiary butyl alcohol (TBA)	99	5	50.0	10	ug/L	01/30/07 RP
Toluene	178	5	25.0	0.10	ug/L	01/30/07 RP
Xylenes, total	1640	5	25.0	0.3	ug/L	01/30/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	99			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	100			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	110			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	13500	10	500.0	5.6	ug/L	01/30/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	130			%	55 - 200	

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



Order #: 772481  
Matrix: WATER

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	01/26/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	01/26/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	01/26/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	01/26/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	01/26/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	01/26/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	01/26/07 RP
Toluene	ND	1	5	0.10	ug/L	01/26/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	01/26/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	101			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 130	
Surr3 - Toluene-d8	100			%	70 - 130	
Surr4 - p-Bromofluorobenzene	107			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	01/29/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	100			%	55 - 200	

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



**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: January 30, 2007

Analysis Date January 30, 2007

Lab ID#'s in Batch: 183553, 183639, 183806, 183644, 183711, 183680

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	423	415	85	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.	AAA-TFT
QC Limit	55-200
Method Blank	73
LCS	172
LCSD	167

*AAA-TFT =  $a,a,a$ -Trifluorotoluene*

**ASSOCIATED LABORATORIES**  
**LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: January 29, 2007

Analysis Date January 29, 2007

Lab ID#'s in Batch: 183711, 183702, 183686, 183648, 183643, 183553, 183680

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	556	588	111	118	6

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.	AAA-TFT
QC Limit	55-200
Method Blank	100
LCS	162
LCSD	176

AAA-TFT = *a,a,a*-Trifluorotoluene

**ASSOCIATED LABORATORIES**  
**LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: January 30, 2007

Analysis Date January 30, 2007

Lab ID#'s in Batch: 183553, 183711, 183644, 183680, 183681, 183640, 183806

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	553	528	111	106	5

*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.	AAA-TFT
QC Limit	55-200
Method Blank	130
LCS	165
LCSD	159

*AAA-TFT =  $a,a,a$ -Trifluorotoluene*

**ASSOCIATED LABORATORIES**  
**LCS REPORT FORM**

QC Sample: G2-LCS&LCSD

Matrix: WATER

Prep. Date: January 29, 2007

Analysis Date January 30, 2007

Lab ID#'s in Batch: 183553, 183586, 183637, 183680, 183806

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	529	540	106	108	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.	AAA-TFT
QC Limit	55-200
Method Blank	81
LCS	195
LCSD	178

AAA-TFT = *a,a,a*-Trifluorotoluene

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: **MS/MSD Water Sample** 183644-385

Date Prepared: January 29, 2007

Date Analyzed: January 30, 2007

4:01 AM

Sample Matrix: Water

Units:  $\mu\text{g/L}$

Lab ID#s in Batch: 183644, 183711, 183648, 183553, 183637, 183639, 183680

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	47.79	45.54	96	91	5	22	59 - 172
MTBE	0.00	50.0	49.60	47.49	99	95	4	24	62 - 137
Benzene	0.00	50.0	47.54	46.86	95	94	1	24	62 - 137
Trichloroethene	0.00	50.0	52.52	50.32	105	101	4	21	66 - 142
Toluene	0.00	50.0	51.39	48.07	103	96	7	21	59 - 139
Chlorobenzene	0.00	50.0	52.80	49.16	106	98	7	21	60 - 133

Sample ID: **LCS**

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	48.54	97	59 - 172
MTBE	50.0	47.85	96	62 - 137
Benzene	50.0	50.04	100	62 - 137
Trichloroethene	50.0	51.47	103	66 - 142
Toluene	50.0	52.73	105	59 - 139
Chlorobenzene	50.0	52.20	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	100	92		102	101		103	70 - 135
1,2-Dichloroethane-d4	107	108		100	97		94	70 - 135
Toluene-d8	104	106		107	105		105	70 - 135
p-Bromofluorobenzene	115	116		99	99		108	70 - 135

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260 - GCMS # 4

Sample ID: **MS/MSD Water Sample**      183680-477  
 Date Prepared: January 26, 2007  
 Date Analyzed: January 27, 2007      6:20 AM  
 Sample Matrix: Water  
 Units: µg/L

Lab ID#'s in Batch: 183680

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	39.04	49.45	78	99	24	22	59 - 172
MTBE*	0.00	50.0	88.73	82.10	177	164	8	24	62 - 137
Benzene	0.00	50.0	51.05	49.96	102	100	2	24	62 - 137
Trichloroethene	0.00	50.0	53.00	56.52	106	113	6	21	66 - 142
Toluene	0.00	50.0	54.73	55.59	109	111	2	21	59 - 139
Chlorobenzene	0.00	50.0	48.95	47.49	98	95	3	21	60 - 133

Sample ID: **LCS**

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	50.44	101	59 - 172
MTBE	50.0	56.91	114	62 - 137
Benzene	50.0	51.35	103	62 - 137
Trichloroethene	50.0	55.86	112	66 - 142
Toluene	50.0	51.11	102	59 - 139
Chlorobenzene	50.0	48.58	97	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	101			101	98		105	70 - 135
1,2-Dichloroethane-d4	105			104	102		107	70 - 135
Toluene-d8	100			100	100		104	70 - 135
p-Bromofluorobenzene	107			103	103		105	70 - 135

# Chain of Custody Record

## ASSOCIATED LABORATORIES

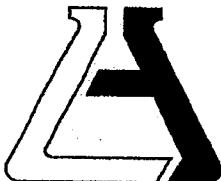
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Phone: (714) 771-6900 • Fax: (714) 538-1209



183680

Page 1 of 1

Company	TITRITY OIL CO.		Phone	(562) 921-3581		A.L. Job No.							
Project Manager	J. FUJI-SUDIYAKUSUMA		Fax	(562) 921-7520									
Project Name	SYSTEM WATER SAMPLING		Project #	063									
Site Name and Address	6125 TELEGRAPH AVE OAKLAND CA. 94609												
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested	Test Instructions & Comments					
1 INT-1		01.25.07	13:30	H <sub>2</sub> O	4-VOA	HCl	TPH(3015PM) BTEX(8260B) OXYGENATED	ANALYSIS REQUIRED FOR OXYGENATED COMPOUNDS USED IN OR. GASOLINE BY EPA 8260B 1-TERTIARY BUTANOL 2-M.F.B.F. 3-D.P.P.F. 4-E.T.B.F. 5-T.A.M.F.					
2 INT-3			13:35				X X X						
3 INT-2			13:40				X X X						
4 INT-1			13:45				X X X						
5 MW-3			13:20				X X X						
6 MW-4			13:10				X X X						
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	04	Properly Cooled	Y/N/NA		Signature:	<i>[Signature]</i>		Signature:		Signature:			
Custody Seals	Y/N/NA	Samples Intact	Y/N/NA		Printed Name:	<i>SE-1234-#P</i>		Printed Name:		Printed Name:			
Received In Good Condition	Y/N	Samples Accepted	Y/N		Date:		Time:	Date:	Time:	Date:	Time:		
Turn Around Time						Received By:	G.S.O.	1.	Received By:	Juan	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>Juan Montoya</i>	Signature:		Signature:	
						Printed Name:		Printed Name:	<i>Juan Montoya</i>	Printed Name:		Printed Name:	
						Date:	Time:	Date:	Time:	Date:	Time:		
						<i>1/26/07</i>	<i>10:00</i>	<i>1/26/07</i>	<i>10:00</i>	<i>1/26/07</i>	<i>12:15</i>		



**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** 183681

**REPORTED** 02/05/2007

**RECEIVED** 01/26/2007

**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.**

772482

772483

**Client Sample Identification**

TOC #063 OutletPSP1

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. Behar, 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*

Order #: 772482  
Matrix: WATER

Client Sample ID: TOC #063 OutletPSP1  
Date Sampled: 01/25/2007 Time Sampled: 13:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.17	ug/L	01/31/07 LD
Ethyl benzene	ND	1	0.3	0.14	ug/L	01/31/07 LD
Toluene	ND	1	0.3	0.22	ug/L	02/02/07 LD
Xylene (total)	ND	1	0.6	0.38	ug/L	01/31/07 LD
<b>Surrogates</b>						
Trifluorotoluene (sur)	89			%		55 - 155
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	01/31/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	89			%		55 - 200

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



Order #: 772483

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.17	ug/L	01/31/07 LD
Ethyl benzene	ND	1	0.3	0.14	ug/L	01/31/07 LD
Toluene	ND	1	0.3	0.22	ug/L	01/31/07 LD
Xylene (total)	ND	1	0.6	0.38	ug/L	01/31/07 LD
<b>Surrogates</b>						
Trifluorotoluene (sur)	92				Units %	Control Limits 55 - 155
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	01/31/07 LD
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	92				Units %	Control Limits 55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor

ND = Not detected below indicated MDL, J=Trace

**ASSOCIATED LABORATORIES**Analytical Results Report  
Lab Request 183681 results, page 2 of 2

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: February 2, 2007

Analysis Date February 2, 2007

Lab ID#'s in Batch: 184080, 184070, 183892, 183681, 183645, 183993, 184044, 183991

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	467	455	93	91	3

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.	AAA-TFT
QC Limit	55-200
Method Blank	70
LCS	182
LCSD	178

AAA-TFT = *a,a,a*-Trifluorotoluene

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: January 30, 2007

Analysis Date January 30, 2007

Lab ID#'s in Batch: 183553, 183711, 183644, 183680, 183681, 183640, 183806

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	553	528	111	106	5

*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.	AAA-TFT
QC Limit	55-200
Method Blank	130
LCS	165
LCSD	159

*AAA-TFT =  $a,a,a$ -Trifluorotoluene*

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: January 31, 2007

Analysis Date January 31, 2007

Lab ID#'s in Batch: 183681, 183640, 183145, 183857

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

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

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	507	510	101	102	1

*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.	AAA-TFT
QC Limit	55-200
Method Blank	92
LCS	165
LCSD	127

*AAA-TFT = *a,a,a*-Trifluorotoluene*

**ASSOCIATED LABORATORIES**  
**LCS REPORT FORM**

QC Sample: G15-LCS/LCSD  
 Matrix: WATER  
 Prep. Date: January 31, 2007  
 Analysis Date: January 31, 2007  
 Lab ID#'s in Batch: 183681, 183640, 183145, 183857

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

**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	20.5	18.3	103	92	11
Toluene	8021	ND	20	22.1	19.7	111	99	11
Ethylbenzene	8021	ND	20	23.1	20.5	116	103	12
Xylenes	8021	ND	60	71.1	63.3	119	106	12

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.	AAA-TFT
QC Limit	55-200
Method Blank	92
LCS	132
LCSD	161

AAA-TFT = *a,a,a*-Trifluorotoluene

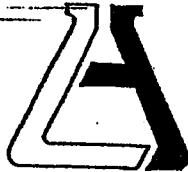
# Chain of Custody Record

## ASSOCIATED LABORATORIES

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



Company	THIRTY OIL CO.			Phone	(562) 921-3581		A.L. Job No.	183681		Page	1 of 1		
Project Manager	JOE SUDAMUSUMA			Fax	(562) 921-7516								
Project Name	SYSTEM WATER SAMPLE NO.			Project #	063								
Site Name and Address	6125 TELEGRAPH AVA OAKLAND CA 94609												
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	(8015)	(8020)	(8021)	(8022)	(8023)	Analysis Requested	Test Instructions & Comments
1 OUTLET PSP 1		01.25.07	13:00	H <sub>2</sub> O	4-VOLT	HCl	X	X					GRAN SAMPLE
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
Sample Receipt - To Be Filled By Laboratory							Relinquished by 1. Sampler: E.M.C.	Relinquished by 2.		Relinquished by 3.			
Total Number of Containers	4	Properly Cooled <input checked="" type="checkbox"/>	<input type="checkbox"/> N / <input type="checkbox"/> NA		Signature: <i>John</i>	Signature:		Signature:					
Custody Seals <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA		Samples Intact <input checked="" type="checkbox"/>	<input type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA		Printed Name: <i>GRANULAR P.</i>	Printed Name:		Printed Name:					
Received in Good Condition <input checked="" type="checkbox"/>		Samples Accepted <input checked="" type="checkbox"/>	<input type="checkbox"/> Y / <input type="checkbox"/> N		Date: Time:	Date: Time:		Date: Time:					
Turn Around Time							Received By: G.S.O. 1.	Received By: Juan 2.	Received By: 3.				
							Signature:	Signature: <i>John Murphy</i>	Signature:				
							Printed Name: <i>Juan Murphy</i>	Printed Name: <i>Juan Murphy</i>	Printed Name:				
							Date: 11/26/07 Time: 10:00	Date: 11/26/07 Time: 10:00	Date: Time:				
<input 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.								



## ASSOCIATED LABORATORIES

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

FAX 714-538-1209

### SAMPLE ACCEPTANCE CHECKLIST

#### Section 1

Client: T-O.C.  
Date Received: 1/26/07  
Sample(s) received in cooler: Yes

Project: \_\_\_\_\_

No (Skip Section 2)

#### Section 2

Was the cooler packed with:  Ice  Ice Packs  Bubble Wrap  Styrofoam  
 Paper  None  Other \_\_\_\_\_

Cooler or box temperature: 3.6

(Acceptance range is 2 to 6 Deg. C.)

#### Section 3

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

\*: 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: Amma Majeed Date: 1/26/07

## ***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: 02. 28. 2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL, BELT  
HOSSED AND DRUMS FOR LEAK, CHECK TRANSFER PUMPS  
CHECK PUMP IN MW3,

FLOW METER READING: -1418320 -

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: 3.2

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

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

INSPECTOR'S SIGNATURE: Serban P-

(63)

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: 02-19-2007

OBSERVATIONS AND  
COMMENTS: CHECK OIL, BELT, REPLACE AIR

FILTER, CHECK TRANSFER PUMP, CHECK HOSES  
DRUMS AND PIPES FOR LEAK, DRAIN WATER FROM  
COMPOUND FLOOR, WELL COVER FOR MW-5 IS BROKEN  
HEED REPLACE,

FLOW METER READING: -1971760-

SAMPLES OBTAINED: ~1/4

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: S. Serban

(63)

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: 02-19-2007

OBSERVATIONS AND  
COMMENTS: CHECK OIL, BELT, REPLACE AIR  
FILTER, CHECK TRANSFER PUMP, CHECK HOSSES  
DRUMS AND PIPES FOR LEAK, DRAIN WATER FROM  
COMPOUND FLOOR, WELL COVER FOR MW-5 IS BROKEN  
HEED REPLACE,

FLOW METER READING: -1971760-

SAMPLES OBTAINED: N/A

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: Serban P.

(663)

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: 02-16-2007

OBSERVATIONS AND  
COMMENTS: CHANGE OIL, CHECK BEUT, DRAIN  
COMPRESSOR TANK, DRAIN WATER FROM  
PRESSURE/REGULATOR FILTERS, CHECK  
TRANSFER PUMP

FLOW METER READING: -1971040-

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: 3.1

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Set of wgs

(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: 02-16-2007

OBSERVATIONS AND  
COMMENTS: CHANGE OIL, CHECK BELT, DRAIN

COMPRESSOR DRAIN, DRAIN WATER FROM  
PRESSURE/REGULATOR FILTERS, CHECK  
TRANSFER PUMP

FLOW METER READING: -1971040-

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: 3.1

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Serban P-

(063)

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: 02-06-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, DRAIN WATER  
FROM PRESSURE/REGULATOR FILTER, CHECK OIL,  
BELT, CARTRIDGE PUMP IN MW-3, CARTRIDGE AND CLEAN  
TRANSFER PUMP, CARTRIDGE HOSES AND CARTRIDGE  
DRUMS FOR LEAKS

FLOW METER READING: -1969320 -

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: 3.2

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.8

INSPECTOR'S SIGNATURE: D. Serbach

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: 02-06-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, DRAIN WATER  
FROM PRESSURE/REGULATOR FILTER, CHECK OIL,  
BELT, CHECK PUMP IN MW-3, CHECK AND CLEAN  
TRANSFER PUMP, CHECK HOSES AND CARTRIDGE  
DRUMS FOR LEAKS

FLOW METER READING: -1969320 -

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: 3.2

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.8

INSPECTOR'S SIGNATURE: D. Stoyan

(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: 02.02.2007

OBSERVATIONS AND

COMMENTS: DRAIN COMPRESSOR TANK, DRAIN WATER  
FROM PRESSURE/REGULATOR FILTER, CHECK TRANSFER PUMP  
CAPITAL HOSES AND DRUMS FOR LEAKS, CHECK PUMP  
IN MW-4, CHECK OIL, BELT, CLEAN AIR FILTER,

FLOW METER READING: -1967120 -

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: 3.1

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Serban P-



EARTH MANAGEMENT CO.  
Environmental Remediation

063  
SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

TOC

ADDR:

6125 TELEGRAPH AVE  
OAKLAND, CA 94612

DATE:

12-01-06

PERSON:

SIEPATH

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	✓			1956730	
FPR	FP Recovery					
O	Other:					

UTILITIES:

Electrical Meter: 4A

Nat. gas Meter: 4A

Propane Tank Level: 4A

OTHER NOTES:

RESTART SYSTEM AFTER REPLACED PUMPS  
FOR AIR COMPRESSOR

(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: 12-07-06

OBSERVATIONS AND  
COMMENTS: CHECK OIL, DOELT, DRAIN WATER FROM  
BAG FILTER, DRAIN COMPRESSOR TANK, AND UNIT  
PRESSURE REGULATOR, CHECK HOSES AND DRUMS  
FOR LEAK, CHECK TRANSFER PUMP

FLOW METER READING: -1958510

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: 2.8

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Set of wgs



**EARTH MANAGEMENT CO.**  
Environmental Remediation

# SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

TOC # 063

ADDR:

6125 TELEGRAPH  
OAKLAND 94612

DATE:

12-12-06

PERSON:

SEPB/06

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			
FPR FP Recovery					
O Other:					

UTILITIES:

Electrical Meter: N/A

Nat. gas Meter: N/A

Propane Tank Level: H.I.H

OTHER NOTES:

— TECHNICIAN TAKE VACATION —

**ALWAYS OBSERVE SAFETY PROCEDURES!**



**EARTH MANAGEMENT CO.**  
Environmental Remediation

# SYSTEM STARTUP / SHUTDOWN REPORT

SITE:  
ADDR:

DATE:  
PERSON:

TOC # 063  
6125 TELEGRAPH AVE  
OAKLAND, 94612  
01-24-07  
SIEPBACH

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	✓				
FPR PP Recovery				19632.00	
O Other					

UTILITIES:

Electrical Meter: N/A

Nat. gas Meter: N/A

Propane Tank Level: N/A

OTHER NOTES:

RESTART SYSTEM AFTER Q.W.S.

**ALWAYS OBSERVE SAFETY PROCEDURES!**

# ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868

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

003

## Chain of Custody Record

Company	Phone		A.L. Job No.									
Project Manager	Fax		Analysis Requested		Test Instructions & Comments							
Project Name	Project #											
Site Name and Address												
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.						
1		01/25/01	13:00	H <sub>2</sub> O	4 oz.	HCL						
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
Sample Receipt - To Be Filled By Laboratory					Relinquished by Sampler:	1.	Relinquished by	2.	Relinquished by	3.		
Total Number of Containers		Properly Cooled Y / N / NA		Signature:		Signature:		Signature:				
Custody Seals Y / N / NA		Samples Intact Y / N / NA		Printed Name:		Printed Name:		Printed Name:				
Received in Good Condition Y / N		Samples Accepted Y / N		Date:	Time:	Date:	Time:	Date:	Time:			
Turn Around Time					Received By:	1.	Received By:	2.	Received By:	3.		
<input 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:		Printed Name:			
					Date:	Time:	Date:	Time:	Date:	Time:		

## ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868

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

063

## Chain of Custody Record

Company TIDAL OIL CO.	Phone 15621321-2331
Project Manager KELLY SOWARD	Fax 15621321-7176
Project Name Superfund Cleanup	Project # 067
Site Name and Address 12515 PINE ST STE 100 OIL RIVER CO. 94601	

A.L. Job No.

Page \_\_\_\_\_ of \_\_\_\_\_

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested			Test Instructions & Comments		
							1	2	3	4	5	6
1		01.25.07	10:20	41.0	4 VOL	HCl	X	X	X			
2			10:35					X	X			
3			10:40					X	X			
4			10:45					X	X			
5			11:10					X	X			
6			11:10	V	V			X	X			
7												
8												
9												
10												
11												
12												
13												
14												
15												

## Sample Receipt - To Be Filled By Laboratory

Relinquished by  
Sampler:

1.

Relinquished by

2.

Relinquished by

3.

Total Number of Containers

Properly Cooled Y / N / NA

Signature:

Signature:

Signature:

Custody Seals Y / N / NA

Samples Intact Y / N / NA

Printed Name:

Printed Name:

Printed Name:

Received in Good Condition Y / N

Samples Accepted Y / N

Date:

Time:

Date:

Time:

Date:

Time:

## Turn Around Time

Received By:

1.

Received By:

2.

Received By:

3.

Signature:

Signature:

Signature:

Printed Name:

Printed Name:

Printed Name:

Date:

Time:

Date:

Time:

Date:

Time:

 Normal Rush Same Day 24 hrs. 48 hrs. 72 hrs.

(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: 01-25-2007

OBSERVATIONS AND  
COMMENTS: TAKE WATER SAMPLE FROM SYSTEM

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FLOW METER READING: -1963860-

SAMPLES OBTAINED: 4 gal

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: 3.2

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 2.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Serban P.



EARTH MANAGEMENT CO.  
Environmental Remediation

# SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

ADDR:

DATE:

PERSON:

TOC #63

6125 TELEGRAPH

OAKLAND 94612

01-18-2007

DEPARTURE

Remediation System Type:  AS  SVE  DPE  GWT  FPR  Other

System Type	Action		Hoer Meter (hr)	Totalizer (gal)	Purpose / Comments
	Startup	Shutdown			
AS Air Sparging					
SVE Soil Vapor Extraction					
DPE Dual-Phase Extraction					
GWT Groundwater Treatment		✓			
FPR FP Recovery				1963200	
O Other:					

UTILITIES:

Electrical Meter:

Nat. gas Meter:

Propane Tank Level:

OTHER NOTES:

SYSTEM WAS SHUT DOWN FOR 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: 01-18-2007

OBSERVATIONS AND  
COMMENTS: SHUT DOWN FOR Q.W.S.

FLOW METER READING: -1963200 -

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: Set of wye

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: 01. 11. 2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT, OIL,  
CHECK TRANSFER PUMP, CHANGE FILTER FOR PRESSURE  
REGULATOR, CHECK HOSES AND DRUMS FOR LEAK

FLOW METER READING: - 1961280 -

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: 2.7

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Set of wgs

(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: 01-05-2007

OBSERVATIONS AND  
COMMENTS: DRAINT COMPRESSOR TANK, CHECK OIL,  
PUMP, CHECK TRANSFER PUMP, CHECK DRUMS AND  
HOSSES FOR LEAK, CHECK PUMP IN MW-3 AND  
MW 4, RE-SET TIMER,

FLOW METER READING: -1959670 -

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: 2.8.

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: Serban P-



**EARTH MANAGEMENT CO.**  
Environmental Remediation

# SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

ADDR:

DATE:

PERSON:

TOC # 663

6125 TELEGRAPH AVA  
OAKLAND, CA 94612

01-03-2007

SEPARATE

Remediation System Type:  AS  SVE  DPE  GWT  PPR  Other

System Type	Action		Hour Meter (hr)	Totalizer (hr)	Purpose / Comments
	Startup	Shutdown			
AS Air Sparging					
SVE Soil Vapor Extraction					
DPE Dual-Phase Extraction					
GWT Groundwater Treatment					
PPR PP Recovery		✓		1.959230	
O Other:					

UTILITIES:

Electrical Meter:

—

Nat. gas Meter:

—

Propane Tank Level:

—

OTHER NOTES:

RESTART SYSTEM AFTER VACUUM JACK,  
CHARGE OIL, CHECK HOSES AND PIPES FOR  
LEAKS, DRAIN WATER FROM COMPONADS FLOOR,

ALWAYS OBSERVE SAFETY PROCEDURES!