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Alameda County  
Environmental Health

# THRIFTY OIL CO.

July 5, 2007

O.77880

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  
*2nd Quarter 2007, Status Report*

Dear Mr. Plunkett:

Presented herein is the 2nd Quarter 2007, Status Report prepared by Equipoise Corporation (Equipoise), dated June 28, 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 completed during the second 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 Corporation at (949) 366-0266 or the undersigned at (562) 921-3581, Ext 390.

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 90670-0138 • (562) 921-3581

**Second 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. 8987134039**

Prepared for

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

Equipoise Project No. CA135.063.2Q 07

June 28, 2007

Prepared by:

**EQUIPOISE**  
CORPORATION

1401 North El Camino Real, Suite 107  
San Clemente, California 92672  
(949) 366-0266 Fax:(949) 366-0281

**Summary of Monitoring and Sampling Activities**

**Thrifty Oil Co. Station #063**

**Second Quarter 2007**

**Reporting Period: 4/1/07 to 6/30/2007**

**Site Information:**

Site address:	TOC SS #063 (ARCO #9542) 6125 Telegraph Avenue Oakland, CA
Global ID No.:	T0600101366
EDF Confirmation No.:	8987134039
Lead Agency No.:	Local #RO0000005
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Steven Plunkett / 510 383-1767
Project Manager:	Simon Tregurtha / 562-921-3581 ext. 260

**Field Activity:**

Groundwater wells onsite:	5
Groundwater wells offsite:	2
Date(s) monitored:	4/24/2007
Date(s) sampled:	4/24/2007
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):	10.63 to 16.76
Groundwater elevation (feet above mean sea level):	132.18 to 137.75
Groundwater gradient and flow direction:	Groundwater depression still present at time of monitoring due to extraction wells
Consistent with previous quarter:	Differs from previous quarters (previous SSW flow direction)

**Groundwater Conditions:**

TPHg concentration (ug/L):	ND<5.6 to 15,700
Benzene concentration (ug/L):	ND<0.18 to 133
Toluene concentration (ug/L):	ND<0.24 to 3.2 J
Ethyl benzene concentration (ug/L):	ND<0.21 to 404
Total Xylenes concentration (ug/L):	ND<0.45 to 1,250
MTBE concentration (ug/L):	ND<0.19 to 754
DIPE concentration (ug/L):	ND<0.20 to ND<2.0
ETBE concentration (ug/L):	ND<0.23 to ND<2.3
TAME concentration (ug/L):	ND<0.19 to 11
TBA concentration (ug/L):	ND<1.8 to 776

**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.):	26,890 (2/28/07-6/1/07)
Total GW discharge (gal.):	2,851,109 (through June 1, 2007)
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 April 24, 2007, groundwater monitoring data is presented in **Figure 2** and shows the groundwater extraction depression is still present at the time of monitoring, even though the groundwater extraction system was turned off four days prior to water level monitoring.

### **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, MW-6, MW-7, and MW-8 on April 24, 2007. Groundwater samples were obtained by Earth Management Company (EMC) and delivered in a chilled state following strict Chain-of-Custody procedure to a state-certified laboratory. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B, and for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) and other oxygenates by EPA Method 8260B. Laboratory analytical sampling results are provided in **Table 1** and **Table 2**. Copies of the Field Status Reports for groundwater sampling are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, benzene, and MTBE isoconcentration maps results are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentration of TPHg was detected in monitoring well MW-3 at 15,700 micrograms per liter (ug/L). The highest concentration of benzene was found in well MW-1 at 133 ug/L, and the highest concentration of MTBE was found in well MW-4 at 754 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 (from February 28, 2006 through June 1, 2007), the groundwater treatment system processed approximately 26,890 gallons of groundwater and has treated approximately 2,851,109 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.

### **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 provided the requested information on January 10,

2006. The ACHCS also requested that a site conceptual model (SCM) be prepared for the site; Thrifty uploaded the SCM to the ACHCS FTP website and Geotracker on April 26, 2006.

In a letter received by Thrifty dated October 24, 2006, the ACHCS requested a Revised SCM (RSCM) and an offsite investigation workplan (Workplan). On behalf of Thrifty, Equipoise Corporation uploaded the RSCM and Workplan to the California State Geotracker website and the ACHCS FTP website on November 29, 2006. Subsequently, the ACHCS sent a letter to Thrifty dated December 21, 2006 approving the Workplan for down-gradient off-site assessment.

On February 22, 2007, two downgradient groundwater monitoring wells (MW-7 and MW-8) were installed on the 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 3<sup>rd</sup> Quarter 2007**

The following activities are planned for next reporting period (3<sup>rd</sup> Quarter 2007):

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

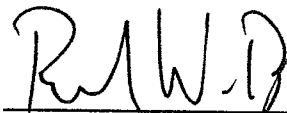
**Closing Comments**

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

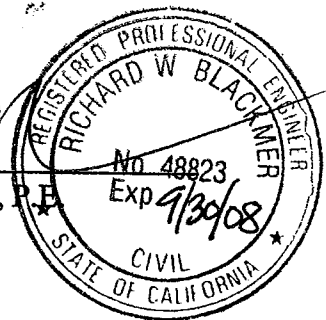
Sincerely,



*for*  
Kathryn Galang  
Staff Scientist



Richard W. Blackmer, P.E.  
Principal Engineer



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

WELL	Monit./ Sampl. Date	ANALYTICAL PARAMETERS										MONITORING PARAMETERS				ELEVATION	
		TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)
MW-1	04/24/07	3,090	133	3.2 J	114	116	72	<0.20	<0.23	<0.19	54	NP	15.61	28.94	0.00	148.43	132.82
MW-3	04/24/07	15,700	42	<2.4	404	1,250	<1.9	<2.0	<2.3	<1.9	<18	NP	16.76	28.20	0.00	148.94	132.18
MW-4	04/24/07	1,840	25	<0.24	80	14	754	<0.20	<0.23	11	776	NP	16.67	29.07	0.00	148.88	132.21
MW-5	04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<1.8	NP	14.12	26.24	0.00	149.62	135.50
MW-6	04/24/07	<5.6	<0.18	<0.24	<0.21	1.5 J	5.7	<0.20	<0.23	2.4	<1.8	NP	10.63	26.80	0.00	148.38	137.75
MW-7	04/24/07	15,500	42	<2.4	381	1,230	<1.9	<2.0	<2.3	<1.9	<18	NP	15.03	17.45	0.00	148.20	133.17
MW-8	04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<1.8	NP	12.37	18.31	0.00	147.31	134.94

**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	= Depth To Water
B = Benzene	DIPE = Isopropyl ether	= Depth To Bottom
T = Toluene	ETBE = Ethyl-tert-butyl ether	= Depth To Product
E = Ethylbenzene	TAME = Tert-amyl methyl ether	= Product Thickness
X = Total Xylenes	TBA = Tertiary butyl alcohol	= Groundwater
		" - " = Not analyzed / Not available
		" < " = Less than detection level indicated
		" J " = Flag indicating value between MDL & PQL
		NP = No free product
		* = 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 (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/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	87.18
04/23/01	18,100	740	55	650	4,000	*1,850 / 842	NP	10.60	0.00	99.34	88.74
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.07	0.00	99.34	90.27
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	87.18
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.23	0.00	99.34	84.11
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.17	0.00	99.34	84.17
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	16.71	0.00	99.34	82.63



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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/30/02	<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
04/24/07	3,090	133	3.2 J	114	116	72	NP	15.61	0.00	148.43	132.82
<b>MONITORING WELL #MW-2</b>											
<i>Screen Interval = 15 to 30 feet</i>											
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
01/07/98	-	-	-	-	-	-	16.18	16.26	0.08	100.01	83.81
Well Abandoned 1/30/98											
<b>MONITORING WELL #MW-3</b>											
<i>Screen Interval = 15 to 30 feet</i>						<i>(GROUNDWATER SYSTEM'S PUMPING WELL)</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	-	-	-	-	-	-	NP	11.20	0.00	99.76	88.56
07/14/99	5,600	9.6	1.3	3.5	8.1	*14,000 / 14,000	NP	25.87	0.00	99.76	73.89
10/07/99	-	-	-	-	-	-	NP	15.40	0.00	99.76	84.36
01/26/00	-	-	-	-	-	-	NP	14.25	0.00	99.76	85.51
04/19/00	-	-	-	-	-	-	NP	14.20	0.00	99.76	85.56
05/26/00	-	-	-	-	-	-	NP	15.12	0.00	99.76	84.64
07/26/00	-	-	-	-	-	-	NP	14.30	0.00	99.76	85.46
10/25/00	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
01/10/01	-	-	-	-	-	-	NP	13.46	0.00	99.76	86.30
04/23/01	-	-	-	-	-	-	#N/A	-	-	-	-
07/16/01	-	-	-	-	-	-	NP	12.80	0.00	99.76	86.96
10/17/01	-	-	-	-	-	-	NP	15.30	0.00	99.76	84.46
01/23/02	-	-	-	-	-	-	#N/A	-	-	-	-
04/10/02	-	-	-	-	-	-	NP	13.22	0.00	99.76	86.54

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
07/24/02	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
10/30/02	-	-	-	-	-	-	NP	16.20	0.00	99.76	83.56
01/15/03	-	-	-	-	-	-	NP	14.10	0.00	99.76	85.66
04/16/03	-	-	-	-	-	-	#N/A	-	-	99.76	-
07/14/03	2,490	<0.22	<0.32	<0.31	1.3 J	2,050	NP	18.30	0.00	99.76	81.46
10/08/03	3,330	<0.22	<0.32	<0.31	<0.4	4,070	NP	16.65	0.00	99.76	83.11
01/15/04	102	2.1	3.5	<0.02	12	*28 / 17	NP	14.18	0.00	99.76	85.58
04/14/04	464	63	18	<0.31	16	189	NP	13.45	0.00	99.76	86.32
07/29/04	1,560	74	<3.2	30 J	<4.0	729	NP	15.94	0.00	99.76	83.82
10/14/04	2,490	25	<0.32	<0.31	<0.4	2,530	NP	16.11	0.00	99.76	83.65
01/06/05	394	12	<0.32	1.5 J	<0.4	51	NP	15.61	0.00	99.76	84.15
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.19	0.00	99.76	90.57
07/27/05	383	5.6	<0.10	17	2.4 J	125	NP	16.63	0.00	99.76	83.13
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.97	0.00	99.76	82.79
01/19/06	2,050	93	2.2 J	103	55	273	NP	10.92	0.00	99.76	88.84
04/12/06	70	<0.32	<0.10	<0.24	<0.30	265	NP	12.55	0.00	99.76	87.21
07/26/06	228	<0.32	<0.10	<0.24	26	389	NP	14.94	0.00	99.76	84.82
10/25/06	87,100	26	4,880	2,390	18,500	<6.3	NP	17.49	0.00	99.76	82.27
01/24/07	4,770	1.5	98	86	604	<0.63	NP	13.40	0.00	148.94	135.54
04/24/07	15,700	42	<2.4	404	1,250	<1.9	NP	16.76	0.00	148.94	132.18
<b>MONITORING WELL #MW-4</b>											
<i>Screen Interval = 9 to 29 feet</i>											
11/21/86	100,000	3,200	2,700	2,400	14,000	-	FILM	16.22	0.00	99.48	83.26
07/22/91	-	-	-	-	-	-	21.35	21.80	0.45	99.48	78.02
10/24/91	-	-	-	-	-	-	SHEEN	20.02	0.00	99.48	79.46
01/22/92	-	-	-	-	-	-	SHEEN	19.78	0.00	99.48	79.70
03/24/92	-	-	-	-	-	-	FILM	13.94	0.00	99.48	85.54
07/15/92	-	-	-	-	-	-	FILM	19.27	0.00	99.48	80.21
10/05/92	-	-	-	-	-	-	FILM	21.44	0.00	99.48	78.04
01/06/93	-	-	-	-	-	-	FILM	14.08	0.00	99.48	85.40
07/13/93	-	-	-	-	-	-	FILM	16.09	0.00	99.48	83.39
10/11/93	-	-	-	-	-	-	FILM	21.33	0.00	99.48	78.15
01/11/94	-	-	-	-	-	-	FILM	20.45	0.00	99.48	79.03
04/12/94	-	-	-	-	-	-	FILM	19.05	0.00	99.48	80.43
07/14/94	-	-	-	-	-	-	FILM	20.41	0.00	99.48	79.07
01/15/96	5,000	370	38	300	390	-	NP	19.89	0.00	99.48	79.59
04/15/96	38,000	300	78	540	470	-	NP	19.62	0.00	99.48	79.86
07/15/96	13,000	880	69	820	1,100	3,600	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.32	0.00	99.48	84.16
01/13/97	47,000	2,500	2,500	1,100	2,800	70,000	NP	10.80	0.00	99.48	88.68
04/14/97	8,700	<0.3	0.45	<0.3	0.64	29,000	#N/A	-	-	-	-
07/07/97	12,000	<0.3	<0.3	<0.3	<0.5	-	NP	18.80	0.00	99.48	80.68

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/16/97	770	<0.3	<0.3	<0.3	<0.5	-	NP	17.76	0.00	99.48	81.72
01/07/98	75,000	3,000	900	1,400	2,500	110	NP	11.60	0.00	99.48	87.88
04/08/98	18,000	1,200	130	710	1,400	22,000	NP	10.10	0.00	99.48	89.38
07/14/98	21,000	1,300	58	1,200	1,100	23,000	NP	16.30	0.00	99.48	83.18
10/15/98	9,100	1.1	0.62	<0.3	<0.5	30,000	NP	16.90	0.00	99.48	82.58
01/20/99	16,000	<0.3	0.91	0.72	1.4	* 43,000 / 42,000	NP	15.35	0.00	100.48	85.13
04/16/99	17,000	0.48	0.92	0.54	1.4	* 28,000 / 26,000	NP	15.30	0.00	100.48	85.18
07/14/99	8,500	<6	<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
04/24/07	1,840	25	<0.24	80	14	754	NP	16.67	0.00	148.88	132.21

**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)					
<b>MONITORING WELL #MW-5</b>											
<i>Screen Interval = 7 to 27 feet</i>											
11/21/86	<1,000	4.8	2.1	<0.5	7.4	-	NP	16.10	0.00	100.98	84.88
07/22/91	-	<0.5	1.6	<1.0	2.0	-	NP	18.20	0.00	100.98	82.78
10/24/91	-	-	-	-	-	-	NP	17.67	0.00	100.98	83.31
01/22/92	600	21.0	8.0	2.0	17.0	-	#N/A	-	-	-	-
03/24/92	-	-	-	-	-	-	NP	12.98	0.00	100.98	88.00
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	17.29	0.00	100.98	83.69
10/05/92	-	-	-	-	-	-	NP	18.92	0.00	100.98	82.06
01/06/93	300	2.7	<0.5	1.3	26.0	-	NP	13.12	0.00	100.98	87.86
07/13/93	<100	1.1	0.5	1.0	1.5	-	NP	16.15	0.00	100.98	84.83
10/11/93	130	1.2	<0.3	<0.3	<0.6	-	NP	18.75	0.00	100.98	82.23
01/11/94	<50	1.5	<0.3	<0.3	<0.5	-	NP	17.80	0.00	100.98	83.18
04/12/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.59	0.00	100.98	87.39
07/14/94	<50	0.42	<0.3	<0.3	<0.5	-	NP	18.26	0.00	100.98	82.72
07/15/95	100	1.2	<0.5	0.8	<1	-	#N/A	-	-	-	-
01/15/96	1,900	21	13	6.2	6.8	-	NP	13.09	0.00	100.98	87.89
04/15/96	250	5.1	2.7	1.7	1.1	-	NP	13.16	0.00	100.98	87.82
07/15/96	270	6.5	1.4	1.8	1.4	230	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.37	0.00	100.98	85.61
01/13/97	25,000	780	5,700	560	4,000	24,000	NP	10.90	0.00	100.98	90.08
04/14/97	6,300	260	1,600	28	550	9,000	#N/A	-	-	-	-
07/07/97	7,500	300	1,500	12	110	16,000	NP	14.70	0.00	100.98	86.28
10/16/97	4,600	<0.3	0.65	<0.3	<0.5	-	NP	13.60	0.00	100.98	87.38
01/07/98	2,700	33	11	37	580	7.3	NP	10.97	0.00	100.98	90.01
04/08/98	300	9.1	<0.3	<0.3	<0.5	650	NP	10.90	0.00	100.98	90.08
07/14/98	670	5.9	<0.3	<0.3	0.53	2,300	NP	15.20	0.00	100.98	85.78
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	19	NP	15.90	0.00	100.98	85.08
01/20/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.20	0.00	101.98	86.78
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.25	0.00	101.98	86.73
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	15.96	0.00	101.98	86.02
10/07/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	16.33	0.00	101.98	85.65
01/26/00	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	14.80	0.00	101.98	87.18
04/19/00	965	<0.25	<0.25	<0.25	<0.5	<5	NP	10.97	0.00	101.98	91.01
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	14.43	0.00	101.98	87.55
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	14.02	0.00	101.98	87.96
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.04	0.00	101.98	87.94
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*10 / 4.2	NP	10.97	0.00	101.98	91.01
07/16/01	3,360	430	603	53	429	*41 / 4.2	NP	14.80	0.00	101.98	87.18
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	*16 / 5.2	NP	16.71	0.00	101.98	85.27
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.42	0.00	101.98	87.56

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.78	0.00	101.98	87.20
10/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.93	0.00	101.98	86.05
01/15/03	<50	<0.14	<0.07	<0.08	<0.35	<2.0	NP	15.55	0.00	101.98	86.43
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.55	0.00	101.98	86.43
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.93	0.00	101.98	86.05
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	16.35	0.00	101.98	85.63
01/15/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.06	0.00	101.98	86.92
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.96	0.00	101.98	88.02
07/29/04	659	<2.2	<3.2	<3.1	<4.0	606	NP	15.60	0.00	101.98	86.38
10/14/04	411	<0.22	<0.32	<0.31	<0.4	425	NP	16.17	0.00	101.98	85.81
01/06/05	433	<0.22	<0.32	<0.31	<0.4	491	NP	15.52	0.00	101.98	86.46
04/13/05	161	<0.22	<0.32	<0.31	<0.4	465	NP	10.12	0.00	101.98	91.86
07/27/05	237	<0.32	<0.10	<0.24	<0.30	243	NP	16.66	0.00	101.98	85.32
10/12/05	149	<0.32	<0.10	<0.24	<0.30	183	NP	16.66	0.00	101.98	85.32
01/19/06	66	<0.32	<0.10	<0.24	<0.30	5.9	NP	9.96	0.00	101.98	92.02
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	11.69	0.00	101.98	101.98
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
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.12	0.00	149.62	135.50
<b>MONITORING WELL #MW-6</b>											
<i>Screen Interval = 7 to 27 feet</i>											
11/21/86	<1,000	<2.0	<2.0	<2.0	<2.0	-	NP	12.64	0.00	99.44	86.80
07/22/91	-	-	-	-	-	-	-	#N/A	-	-	-
01/22/92	<200	<0.5	<0.5	<0.5	1.5	-	-	#N/A	-	-	-
03/24/92	-	-	-	-	-	-	-	-	-	-	-
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	10.04	0.00	99.44	89.40
10/05/92	-	-	-	-	-	-	NP	13.29	0.00	99.44	86.15
01/06/93	<200	<0.5	<0.5	<0.5	<1.0	-	NP	14.69	0.00	99.44	84.75
07/13/93	<100	<0.5	<0.5	<0.5	<1.0	-	NP	10.87	0.00	99.44	88.57
10/11/93	<60	<0.3	<0.3	<0.3	<0.6	-	NP	13.10	0.00	99.44	86.34
01/11/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	14.43	0.00	99.44	85.01
04/12/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	13.56	0.00	99.44	85.88
07/14/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	12.10	0.00	99.44	87.34
07/15/95	140	<0.5	<0.5	<0.5	<1	-	NP	14.16	0.00	99.44	85.28
01/15/96	56	0.38	0.33	<0.3	<0.5	-	NP	#N/A	-	-	-
04/15/96	96	4.5	<0.3	<0.3	0.53	-	NP	14.29	0.00	99.44	85.15
07/15/96	140	2.4	0.44	<0.3	0.70	110	-	14.32	0.00	99.44	85.12
10/09/96	-	-	-	-	-	-	-	#N/A	-	-	-
01/13/97	210	<0.3	1.2	<0.3	0.68	270	NP	12.09	0.00	99.44	87.35
04/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	9.85	0.00	99.44	89.59
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	#N/A	-	-	-
							NP	14.20	0.00	99.44	85.24

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	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
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
04/24/07	<5.6	<0.18	<0.24	<0.21	1.5 J	5.7	NP	10.63	0.00	148.38	137.75

**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)					
<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
04/24/07	15,500	42	<2.4	381	1,230	<1.9	NP	15.03	0.00	148.20	133.17
<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
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.37	0.00	147.31	134.94

**NOTE:**

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

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

NP = No free hydrocarbon product

" - " = Not analyzed / Not available

\* MTBE 8020 / 8260

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020/8021B.  
Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline  
Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020/8021B  
On 10/8/03 & 7/14/2003, BTEX and MTBE analyzed by 8260B  
Beginning 4/14/2004, BTEX and MTBE analyzed by 8260B



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

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
<b>MONITORING WELL # 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	-	-
04/24/07	<0.20	<0.23	<0.19	54	-	-
<b>MONITORING WELL # MW-2</b>						
10/16/97	<20	<20	<20	<500		
Well Abandoned 1/30/98						
<b>MONITORING WELL # MW-3 (GROUNDWATER SYSTEM'S 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	-	-
04/24/07	<2.0	<2.3	<1.9	<18	-	-
<b>MONITORING WELL # 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	-	-

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

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
01/24/07	<0.29	<0.17	<0.28	139	-	-
04/24/07	<0.20	<0.23	11	776	-	-
<b>MONITORING WELL # MW-5</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	-	-
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
<b>MONITORING WELL # MW-6</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	-	-
04/24/07	<0.20	<0.23	2.4	<1.8	-	-
<b>MONITORING WELL # MW-7</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<2.0	<2.3	<1.9	<18	-	-
<b>MONITORING WELL # MW-8</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-

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

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	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	682	-	<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	-	-	160	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	640	-	<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	51,881	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	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	<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	78,091	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	98,210	94,541	467	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.2	-
12/16/1991	99,045	97,376	405	-	<0.5	<0.5	<0.5	<0.5	-	-	1.3	<0.5	<0.5	1.5	-
12/23/1991	102,334	100,665	470	-	<0.5	<0.5	<0.5	<0.5	-	-	17.7	<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	115,991	114,022	660	-	<0.5	<0.5	<0.5	<0.5	-	-	130	11	<0.5	50	-
2/10/1992	124,846	123,177	352	-	<0.5	<0.5	<0.5	<0.5	-	-	20	0.51	<0.5	3.6	-
3/9/1992	149,965	148,296	897	<200	<0.5	<0.5	<0.5	<0.5	-	12,000	2,100	400	170	2,100	-
4/13/1992	168,567	166,898	531	<200	<0.5	<0.5	<0.5	<0.5	-	2,100	280	3.9	<2.5	98	-
5/11/1992	187,170	185,501	664	<200	<0.5	0.7	<0.5	<0.5	-	<200	<0.5	<0.5	<0.5	<0.5	-
6/8/1992	190,490	188,821	119	-	<0.5	<0.5	<0.5	<0.5	-	-	44	3.7	0.7	64	-
7/6/1992	197,080	195,411	235	-	-	-	-	-	-	-	-	-	-	-	-
7/13/1992	197,890	196,221	116	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
7/13/1992	197,890	196,221	-	System shut down for repair of electrical motor											
8/10/1992	197,890	196,221	-	Restart the system											
8/17/1992	201,300	199,631	487	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT							
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X 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	215,991	367	<200	<0.5	<0.5	<0.5	<1	-	<200	<0.5	<0.5	<0.5	<1	-		
11/09/92	225,780	224,111	241	-	<0.5	<0.5	<0.5	<1	-	-	1.1	0.6	<0.5	10	-		
12/14/92	243,048	241,379	493	-	<0.5	<0.5	<0.5	<1	-	-	720	48	<10	1,700	-		
01/04/93	252,510	250,841	451	-	<0.5	<0.5	<0.5	<1	-	-	400	32	<25	520	-		
02/15/93	266,210	264,541	328	<200	<0.5	<0.5	<0.5	<1	-	9,000	1,400	330	260	1,200	-		
03/08/93	269,330	267,661	149	-	<0.5	<0.5	<0.5	<1	-	-	1,100	150	7.5	1,000	-		
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	492	-	<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	-	-	<0.3	<0.3	<0.3	<0.6	-		
10/08/93	305,941	303,972	310	-	-	-	-	-	-	<60	<0.3	<0.3	<0.3	<0.6	-		
10/11/93	307,088	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	367	-	-	-	-	-	-	-	-	<0.3	<0.3	<0.6	-		
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	-	<50	<0.3	<0.3	<0.3	<0.5	-		
02/10/94	359,662	357,993	483	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	<0.5	-		
02/18/94	618,620	357,993	-	Changed air filters. The water flowmeter jumped from 359,662 to 618,620.						-	-	430	41	36	480	-	
03/10/94	627,540	366,913	446	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	7.7	-		
04/14/94	645,330	384,703	508	<50	<0.3	<0.3	<0.3	<0.5	-	170	1.5	<0.3	0.38	0.73	-		
05/19/94	653,520	392,893	234	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	46	4.1	0.5	84	-		
06/16/94	664,015	403,388	375	<50	<0.3	<0.3	<0.3	<0.5	-	12,000	860	37	<13	1,600	-		
07/14/94	672,750	412,123	312	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-		
08/11/94	681,920	421,263	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	<0.5	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-		
11/14/94	712,539	451,912	449	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-		
12/19/94	734,620	473,993	631	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-		
01/10/95	742,072	481,446	339	-	-	-	-	-	-	<50	<0.3	<0.3	<0.5	<0.5	-		
01/16/95	742,074	481,447	0	System shut down for repair of compressor pump						-	-	-	-	-	-	-	
02/06/95	742,074	481,447	-	Restart the system						-	-	-	-	-	-	-	
02/13/95	744,063	483,436	284	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-		
03/13/95	768,930	498,303	631	<100	<0.5	<0.5	<0.5	<1	-	1,300	<0.5	<0.5	<0.5	<1	-		
04/17/95	788,276	507,849	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	794,168	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	-		
09/08/95	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	806,284	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	0.69	-	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	588,980	47	930	<0.3	<0.3	<0.3	<0.5	-	1,800	5.6	1.4	<0.3	94	-		
04/15/96	862,042	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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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
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	<60	<0.3	<0.3	<0.3	<0.5	-	1,000	92	8.7	3.4	65	-
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	<60	<0.3	<0.3	<0.3	<0.5	-	3,500	160	110	220	650	-
09/23/96	899,410	638,783	78	<60	<0.3	<0.3	<0.3	<0.5	-	<60	0.49	<0.3	<0.3	<0.5	-
10/09/96	899,845	639,218	27	<60	<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	<60	<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	<60	<0.3	<0.3	<0.3	<0.5	-	<60	<0.3	<0.3	<0.3	<0.5	-
01/13/97	904,630	644,003	87	<60	<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	<60	<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	<60	<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	<60	<0.3	<0.3	<0.3	<0.5	-	5,800	7.3	0.32	<0.3	17	-
06/23/97	943,183	682,556	51	-	-	-	-	-	-	-	-	-	-	-	-
07/07/97	945,821	685,194	188	<60	<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											
10/08/97	961,030	700,403	91	-	-	-	-	-	-	-	-	-	-	-	-
10/16/97	961,077	700,450	5	<60	<0.3	<0.3	<0.3	<0.5	-	560	<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	<60	<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	-	<60	<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	<60	<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	746,603	101	-	-	-	-	-	-	-	-	-	-	-	-
10/15/98	62,714	745,981	11	<60	<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	-	<60	<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											

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				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
03/31/99	24,620.0	770,819	356	-	-	-	-	-	-	-	-	-	-	-	-
04/16/99	29,606.0	776,804	312	<60	<0.3	<0.3	<0.3	<0.6	<6	<60	<0.3	<0.3	<0.3	<0.5	<6
05/11/99	36,010.0	782,209	256	-	-	-	-	-	-	-	-	-	-	-	-
05/26/99	46,000.0	782,199	714	System shut down due to carbon canister leaking											
09/02/99	46,000.0	782,199	-	Restart system											
09/17/99	46,217.0	782,416	14	-	-	-	-	-	-	-	-	-	-	-	-
10/07/99	46,809.0	783,008	30	<60	<0.3	<0.3	<0.3	<0.6	11	65	<0.3	<0.3	<0.3	<0.5	120
10/21/99	47,278.0	783,477	34	System shut down for carbon change											
11/24/99	47,283.0	783,482	0	Restart system											
12/30/99	49,388.0	785,585	58	-	-	-	-	-	-	-	-	-	-	-	-
01/26/00	50,569.0	786,768	44	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.5	-
02/25/00	51,983.0	788,182	47	-	-	-	-	-	-	-	-	-	-	-	-
03/24/00	54,903.0	800,802	94	-	-	-	-	-	-	-	-	-	-	-	-
04/19/00	56,754.0	802,953	83	<6	<0.25	<0.25	<0.25	<0.6	-	<60	1.3	<0.25	<0.25	<0.5	<6
04/30/00	58,022.0	804,221	116	-	-	-	-	-	-	-	-	-	-	-	-
05/26/00	60,088.0	806,285	79	-	-	-	-	-	-	923	<0.6	2	85	80	*8,350/4,810
06/16/00	61,889.0	808,088	86	<60	<0.3	<0.3	<0.3	<0.6	<6	3,820	<0.3	<0.3	<0.3	<0.6	3,740
07/26/00	65,987.0	812,186	102	<60	<0.3	<0.3	<0.3	<0.6	<6	<60	<0.3	<0.3	<0.3	<0.6	<6
08/25/00	68,830.0	814,829	88	-	-	-	-	-	-	-	-	-	-	-	-
09/29/00	85,961.0	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	-	<60	<0.18	<0.14	<0.18	<0.26	<0.24	17,100	111	121	141	972	998
10/27/00	2,180	848,059	1,080	-	-	-	-	-	-	-	-	-	-	-	-
11/03/00	7,420	853,319	751	-	-	-	-	-	-	-	-	-	-	-	-
11/24/00	16,580	862,459	435	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	51,530	897,429	1,249	-	-	-	-	-	-	-	-	-	-	-	-
01/10/01	54,520	900,419	157	<60	<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	167,060	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	1,588	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	186,800	1,032,799	6	Restart system											
05/30/01	200,860	1,046,749	1,163	<60	<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	<60	<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	1,267,139	1,227	-	-	-	-	-	-	-	-	-	-	-	-
10/01/01	488,310	1,334,209	5,296	<60	<0.18	<0.14	<0.18	<0.26	<0.24	966	1.2	<0.14	<0.18	<0.26	878
11/12/01	636,260	1,482,169	3,523	-	-	-	-	-	-	-	-	-	-	-	-
12/31/01	674,080	1,519,979	772	-	-	-	-	-	-	-	-	-	-	-	-
01/14/02	688,460	1,534,349	1,026	<60	<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	814,670	1,660,469	2,176	-	-	-	-	-	-	-	-	-	-	-	-
04/08/02	828,510	1,674,409	996	<60	<0.18	<0.14	<0.18	<0.26	<0.24	105	<0.18	<0.14	<0.18	<0.26	167

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	
04/22/02	895,910	1,741,809	4,814	-	-	-	-	-	-	-	-	-	-	-	-	
05/08/02	895,920	1,741,819	1	System off; Restart						-	-	-	-	-	-	-
05/13/02	929,130	1,776,029	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	2,789	-	-	-	-	-	-	-	-	-	-	-	-	
07/29/02	1,062,820	1,898,719	82	System shut down for carbon change						-	-	-	-	-	-	-
08/16/02	1,062,820	1,898,719	-	Restart						-	-	-	-	-	-	-
08/30/02	1,089,050	1,914,049	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	<0.08	-	-	Split-sample results (sample collected by us, analysis by EPA 624 & 8015M)						
09/30/02	1,110,180	1,958,079	377	-	-	-	-	-	-	-	-	-	-	-	-	
10/07/02	1,114,720	1,960,619	649	<50	<0.18	<0.14	<0.18	<0.28	<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	8,860	<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	2,084,639	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	2,976	-	-	-	-	-	-	-	-	-	-	-	-	
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	1,128	System shut down for QWS						-	-	-	-	-	-	-
04/16/03	1,294,080	2,139,979	10	Restart						-	-	-	-	-	-	-
04/21/03	1,298,660	2,145,559	1,116	-	-	-	-	-	-	-	-	-	-	-	-	
04/28/03	1,302,140	2,148,039	364	-	-	-	-	-	-	-	-	-	-	-	-	
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	1,318,480	2,164,369	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	1,687	-	-	-	-	-	-	-	-	-	-	-	-	
06/23/03	1,369,690	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	-	-	-	-	-	-	-	-	-	-	-	-	

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

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
08/15/03	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	-	-	-	-	< 0.60	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/10/03	1,432,290	2,278,189	675	<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	-	-	-	-	< 0.60	< 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	1,435,810	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	555	-	-	-	-	-	-	-	-	-	-	-	
12/05/03	1,452,410	2,298,309	360	-	-	-	-	-	-	-	-	-	-	-	
12/09/03	1,458,320	2,304,219	1,478	-	-	-	-	-	-	-	-	-	-	-	
12/17/03	1,462,410	2,308,309	511	-	-	-	-	-	-	-	-	-	-	-	
12/28/03	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	1,474,950	2,320,649	331	System shut down for QWS; Restarted 1/15/04						-	-	-	-	-	
01/28/04	-	-	-	-	< 0.60	< 0.70	< 0.80	< 3.30	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
01/28/04	1,485,790	2,331,889	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	1,524,900	2,370,499	788	-	-	-	-	-	-	-	-	-	-	-	
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	6,425	-	-	-	-	-	-	-	-	-	-	-	
04/28/04	1,623,500	2,469,399	7,850	-	-	-	-	-	-	-	-	-	-	-	
05/08/04	1,668,920	2,514,819	5,878	-	-	-	-	-	-	-	-	-	-	-	
05/13/04	1,691,100	2,536,999	3,199	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	



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 Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT						
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	
06/22/04	1,763,650	2,599,449	273	-	-	-	-	-	-	-	-	-	-	-	-	
07/02/04	1,766,530	2,602,429	298	-	-	-	-	-	-	-	-	-	-	-	-	
07/08/04	1,768,110	2,605,009	430	<15	<0.22	<0.32	<0.31	<0.4	<0.18	662	31	<0.32	<0.31	2.1J	383	
07/16/04	1,769,260	2,606,169	21	-	-	-	-	-	-	-	-	-	-	-	-	
07/22/04	1,780,830	2,608,529	198	-	-	-	-	-	-	-	-	-	-	-	-	
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	460	-	-	-	-	-	-	-	-	-	-	-	-	
09/03/04	1,773,760	2,619,649	379	-	-	-	-	-	-	-	-	-	-	-	-	
09/07/04	1,777,590	2,623,489	960	-	-	-	-	-	-	-	-	-	-	-	-	
09/10/04	1,778,460	2,624,359	280	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	326	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	
12/16/04	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	389	-	-	-	-	-	-	-	-	-	-	-	-	
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	569	-	-	-	-	-	-	-	-	-	-	-	-	
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	280	Shut down system for QWS						-	-	-	-	-	-	-
08/05/05	1,833,970	2,679,869	5	Restart system after QWS						-	-	-	-	-	-	-
08/09/05	1,838,930	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 (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
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	1,846,250	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	1,861,420	2,697,319	84	-	-	-	-	-	-	-	-	-	-	-	-
11/23/05	1,864,560	2,700,459	623	-	-	-	-	-	-	-	-	-	-	-	-
11/30/05	1,866,660	2,702,549	289	-	-	-	-	-	-	-	-	-	-	-	-
12/09/05	1,868,340	2,704,239	188	-	-	-	-	-	-	-	-	-	-	-	-
12/15/05	1,869,780	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	1,880,930	2,736,829	318	-	-	-	-	-	-	-	-	-	-	-	-
03/29/06	1,891,880	2,737,779	119	-	-	-	-	-	-	-	-	-	-	-	-
04/05/06	1,893,340	2,739,239	209	<5.6	<0.32	<0.10	<0.24	<0.30	-	1,520	72	<0.10	199	28	129
04/11/06	1,895,480	2,741,379	357	-	-	-	-	-	-	-	-	-	-	-	-
04/11/06	-	2,741,379	-	Shut down system for QWS											
04/14/06	1,895,490	2,741,389	3	Restart system after QWS											
04/21/06	1,897,130	2,743,029	234	-	-	-	-	-	-	-	-	-	-	-	-
04/26/06	1,898,330	2,744,229	240	-	-	-	-	-	-	-	-	-	-	-	-
06/03/06	1,900,240	2,746,139	273	-	-	-	-	-	-	-	-	-	-	-	-
05/12/06	1,903,700	2,749,699	384	-	-	-	-	-	-	-	-	-	-	-	-
05/19/06	1,905,570	2,751,469	267	-	-	-	-	-	-	-	-	-	-	-	-
05/23/06	1,907,810	2,753,709	660	<5.6	<0.32	<0.10	<0.24	<0.30	-	683,000	3,600	135,000	25,100	166,000	-
06/28/06	1,909,780	2,755,679	657	-	-	-	-	-	-	-	-	-	-	-	-
06/02/06	1,911,010	2,756,909	176	-	-	-	-	-	-	-	-	-	-	-	-
06/09/06	1,912,670	2,758,569	237	-	-	-	-	-	-	77,300	688	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 (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	
07/08/06	1,921,470	2,767,369	192	3,730	44	874	26	503	16	4,450	8.6 J	99	34 J	149	2,780	
07/14/06	1,921,980	2,767,879	64	-	-	-	-	-	-	-	-	-	-	-	-	
07/18/06	1,922,070	2,767,969	23	Shut down system for carbon change						-	-	-	-	-	-	-
08/04/06	1,922,090	2,767,989	1	System restarted after carbon change						-	-	-	-	-	-	-
08/04/06	1,922,090	2,767,989	1	<5.6	<0.32	<0.10	<0.24	<0.30	-	763	<0.32	<0.10	<0.24	<0.30	1040	
08/18/06	1,928,690	2,774,589	471	-	-	-	-	-	-	-	-	-	-	-	-	
08/25/06	1,929,580	2,775,479	127	-	-	-	-	-	-	-	-	-	-	-	-	
09/01/06	1,932,440	2,778,339	409	-	-	-	-	-	-	-	-	-	-	-	-	
09/08/06	1,936,240	2,782,139	543	-	-	-	-	-	-	-	-	-	-	-	-	
09/14/06	1,938,420	2,784,319	363	-	-	-	-	-	-	-	-	-	-	-	-	
09/20/06	1,939,710	2,785,609	215	-	-	-	-	-	-	-	-	-	-	-	-	
10/04/06	1,942,100	2,787,999	171	<5.6	<0.32	<0.10	<0.24	1.1 J	-	14,400	78	1,110	440	1,440	1,420	
10/13/06	1,945,320	2,791,219	358	-	-	-	-	-	-	-	-	-	-	-	-	
10/19/06	1,947,230	2,793,129	318	-	-	-	-	-	-	-	-	-	-	-	-	
10/24/06	1,948,670	2,794,569	288	Shut down system for QWS						-	-	-	-	-	-	-
10/27/06	1,948,670	2,794,569	-	Restart system after QWS						-	-	-	-	-	-	-
11/01/06	1,949,120	2,795,019	90	-	-	-	-	-	-	-	-	-	-	-	-	
11/09/06	1,951,030	2,796,929	239	-	-	-	-	-	-	-	-	-	-	-	-	
11/16/06	1,951,817	2,797,716	112	-	-	-	-	-	-	-	-	-	-	-	-	
11/22/06	1,952,010	2,797,909	32	-	-	-	-	-	-	-	-	-	-	-	-	
11/30/06	1,956,730	2,802,629	580	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	288	-	-	-	-	-	-	-	-	-	-	-	-	
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	680	-	-	-	-	-	-	-	-	-	-	-	-	
02/02/07	1,967,120	2,813,019	408	-	-	-	-	-	-	-	-	-	-	-	-	
02/06/07	1,969,320	2,815,219	560	-	-	-	-	-	-	-	-	-	-	-	-	
02/16/07	1,971,040	2,816,939	172	-	-	-	-	-	-	-	-	-	-	-	-	
02/19/07	1,971,780	2,817,659	240	-	-	-	-	-	-	-	-	-	-	-	-	
02/28/07	1,978,320	2,824,219	729	-	-	-	-	-	-	-	-	-	-	-	-	
03/16/07	1,983,620	2,829,519	331	-	-	-	-	-	-	-	-	-	-	-	-	
03/23/07	1,985,120	2,831,019	214	-	-	-	-	-	-	-	-	-	-	-	-	
03/30/07	1,987,330	2,833,229	318	-	-	-	-	-	-	-	-	-	-	-	-	
04/05/07	1,989,120	2,835,019	298	-	-	-	-	-	-	-	-	-	-	-	-	
04/12/07	1,991,300	2,837,199	311	<5.6	<0.17	<0.22	<0.14	<0.38	-	6,640	43	916	296	1,810	199	
04/20/07	1,992,720	2,838,619	178	Shut down system for QWS						-	-	-	-	-	-	-
04/27/07	1,992,730	2,838,629	1	Restart system after QWS						-	-	-	-	-	-	-
05/03/07	1,994,500	2,840,399	295	-	-	-	-	-	-	-	-	-	-	-	-	
05/10/07	2,002,410	2,848,309	1,130	-	-	-	-	-	-	-	-	-	-	-	-	
05/17/07	2,004,320	2,850,219	273	-	-	-	-	-	-	-	-	-	-	-	-	
05/25/07	2,004,810	2,850,709	61	-	-	-	-	-	-	-	-	-	-	-	-	
06/01/07	2,005,210	2,851,109	67	-	-	-	-	-	-	-	-	-	-	-	-	

**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

<b>WD PERMIT LIMITS:</b>	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.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA  
TION  
COMPOUND

STA #063  
BLDG

MW-5

DISPENSER  
ISLAND

B-4

MW-3

B-3

EXISTING  
UST

B-1

MW-4

MW-2

MW-6

B

MW-1

B-2

6101  
TELEGRAPH AVE.

MW-7





COMMERCIAL

MW-8

RESIDENTIAL

TELEGRAPH AVENUE

**EXPLANATION**

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

61ST STREET

0 30  
APPROXIMATE SCALE  
IN FEET



**EQUIPOISE** 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

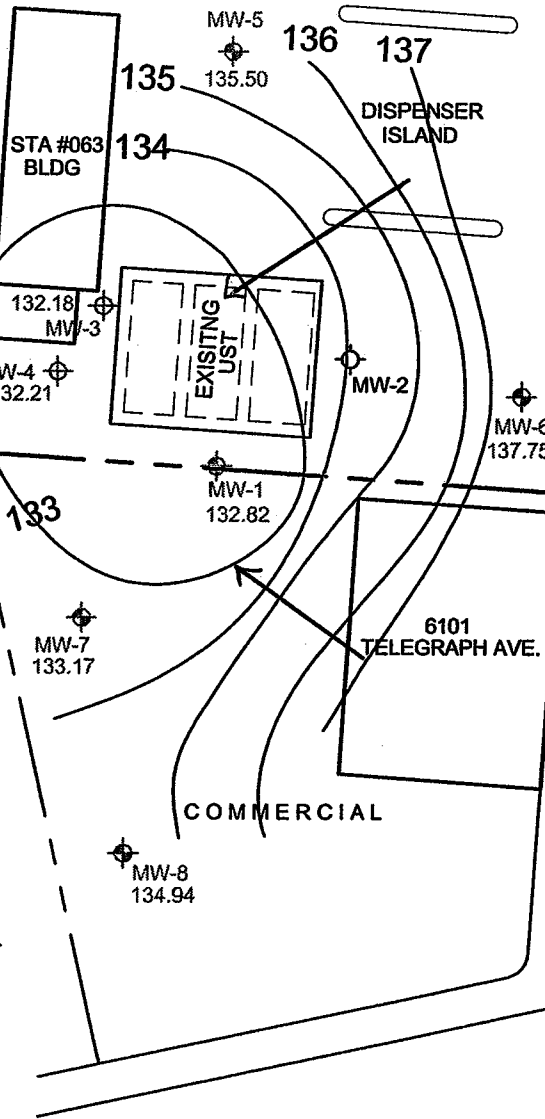
FIGURE: **1**  
 SHEET: of  
 REVISION NO: **0**  
 DATE: **03/07**

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA  
TION  
COMPOUND



TELEGRAPH AVENUE

**EXPLANATION**

- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊖ ABANDONED GROUNDWATER MONITORING WELL

Groundwater is being extracted from wells MW-3 and MW-4.

2nd QUARTER 2007 MONITORING EVENT



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 Fax: 949 366 0281

**GROUNDWATER CONTOUR MAP**

Thrifty Station No. 063  
 6125 Telegraph Avenue  
 Oakland, California

FIGURE:	<b>2</b>
SHEET:	of
REVISION NO.:	0
DATE:	06/07

PROJECT NO. -

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA  
TION  
COMPOUND

STA #063  
BLDG

MW-5  
ND<5.6

DISPENSER  
ISLAND

MW-3  
15,700

MW-4  
1,840

10,000

MW-1  
3,090

MW-2

MW-6  
ND<5.6

15,500  
MW-7

1,000

6101  
TELEGRAPH AVE.

COMMERCIAL

MW-8  
ND<5.6

RESIDENTIAL

TELEGRAPH AVENUE

EXPLANATION

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

61ST STREET

2nd QUARTER 2007 MONITORING EVENT

0 30  
APPROXIMATE SCALE  
IN FEET



**EQUIPOISE**  
CORPORATION

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San Clemente, California 92672  
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Fax: 949 366 0281

TPHg ISOCONCENTRATION MAP

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE: **3**

SHEET: of

REVISION NO: 0

DATE: 06/07

PROJECT NO.

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA  
TION  
COMPOUND

STA #063  
BLDG

MW-5  
ND<0.18

DISPENSER  
ISLAND

42  
MW-3

MW-4  
25

EXISTING  
UST

MW-2

MW-6  
ND<0.18

100  
MW-1  
133

MW-7  
42

6101  
TELEGRAPH AVE.

RESIDENTIAL

COMMERCIAL

MW-8  
ND<0.18

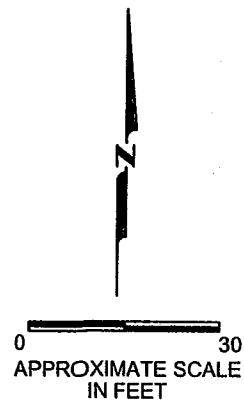
TELEGRAPH AVENUE

**EXPLANATION**

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

61ST STREET

2nd QUARTER 2007 MONITORING EVENT



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**BENZENE ISOCONCENTRATION MAP**

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE: **4**

SHEET: of

REVISION NO: 0

DATE: 06/07

PROJECT NO.



RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIA  
TION  
COMPOUND

STA #063  
BLDG

MW-5  
ND<0.19

DISPENSER  
ISLAND

ND<1.9  
MW-3

EXISTING  
UST

MW-4  
754

MW-2

MW-6  
5.7

MW-1  
72

MW-7  
ND<1.9




6101  
TELEGRAPH AVE.

MW-8  
ND<0.19 COMMERCIAL

RESIDENTIAL

TELEGRAPH AVENUE

**EXPLANATION**

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

61ST STREET

2ND QUARTER 2007 MONITORING EVENT



**EQUIPOISE**  
CORPORATION

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Fax: 949 366 0281

**MTBE ISOCONCENTRATION MAP**

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE:	<b>5</b>
SHEET:	of
REVISION NO:	0
DATE:	06/07

PROJECT NO.



## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 063	Date:	04-24-2007
Address:			
Personnel:	SERBAT	Weather:	SUNNY DAY
Well No:	MW-8	Equip:	BAYLER

<b>Before Purging:</b>			
Total Well Depth: (ft.)	18.31	Well Diameter	
Depth to Water (ft)	12.37	Est. Purge Volume:	

<b>Sampling Data:</b>							
Initial Turbidity:	Final Turbidity:						
Time	12:12	12:14	12:16	12:18	12:20		
EC	1390	1370	1390	1370	1370		
pH	5.93	5.86	5.91	6.01	6.01		
Temp	71.4	71.3	71.2	71.3	71.2		
Gal.	1	2	3	4	5		
Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>			
Depth to Water (ft.)	14.30	Total Well Depth(ft.)	18.31

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 063	Date: 04-24-2007
Address:	
Personnel: SERBAH	Weather: SUNNY DAY
Well No: MW - 7	Equip: BAIFOR

Before Purging:			
Total Well Depth: (ft.)	17.45	Well Diameter	24
Depth to Water (ft)	12.37	Est. Purge Volume:	5

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	12:12	12:14	12:16	12:18	12:20		
EC	1450	1430	1400	1410	1400		
pH	6.01	6.09	6.03	5.93	6.01		
Temp	71.6	71.4	71.3	71.4	71.6		
Gal.	1	2	3	4	5		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	14.23	Total Well Depth(ft.)	17.45

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 063	Date:	04-24-2007
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAILER

<b>Before Purging:</b>			
Total Well Depth: (ft.)	28.20	Well Diameter	6"
Depth to Water (ft)	16.76	Est. Purge Volume:	

Sampling Data:								
Initial Turbidity:			Final Turbidity:					
Time	10:40	10:55	11:10	11:25	11:40			
EC	1680	1710	1740	1740	1730			
pH	6.01	6.09	6.18	6.11	6.04			
Temp	71.2	71.3	71.6	71.4	71.3			
Gal.	13	26	40	53	67			
Time								
EC								
pH								
Temp								
Gal.								

<b>After Purging/Before Sample Collection</b>	
Depth to Water (ft.)	21.04      Total Well Depth(ft.) 28.20

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u>AL 063</u>	Date: <u>04-24-2007</u>
Address: _____	
Personnel: <u>SERBAN</u>	Weather: <u>SUNNY DAY</u>
Well No: <u>MW-1</u>	Equip: <u>BATLER</u>

<b>Before Purging:</b>			
Total Well Depth: (ft.)	<u>28.94</u>	Well Diameter	<u>4"</u>
Depth to Water (ft)	<u>15.61</u>	Est. Purge Volume:	<u>9</u>

<b>Sampling Data:</b>							
<b>Initial Turbidity:</b>				<b>Final Turbidity:</b>			
Time	<u>8:52</u>	<u>8:54</u>	<u>8:56</u>	<u>8:58</u>	<u>9:00</u>		
EC	<u>1790</u>	<u>1710</u>	<u>1730</u>	<u>1720</u>	<u>1730</u>		
pH	<u>6.04</u>	<u>6.11</u>	<u>6.06</u>	<u>6.03</u>	<u>6.04</u>		
Temp	<u>21.3</u>	<u>21.4</u>	<u>21.6</u>	<u>21.4</u>	<u>21.5</u>		
Gal.	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>		
Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>			
Depth to Water (ft.)	<u>20.09</u>	Total Well Depth (ft.)	<u>28.94</u>

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	H 063	Date:	04-24-2007
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-6	Equip:	BAUER

<b>Before Purging:</b>			
Total Well Depth: (ft.)	26.80	Well Diameter	
Depth to Water (ft)	10.63	Est. Purge Volume:	42

**Sampling Data:**

Time	Initial Turbidity:			Final Turbidity:			
	9:10	9:20	9:30	9:40	9:50		
EC	1430	1470	1510	1510	1500		
pH	5.82	5.83	5.81	5.84	5.83		
Temp	71.4	71.6	71.8	71.8	71.6		
Gal.	8	16	25	33	42		

Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>			
Depth to Water (ft.)	15.11	Total Well Depth(ft.)	26.80

# FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 063 Date: 04-24-2007  
 Address: \_\_\_\_\_  
 Personnel: SERRATT Weather: SUNNY DAY  
MW-5 Equip: BAILER

**Before Purging:**  
 Total Well Depth: (ft.) 26.23 Well Diameter 4"  
 Depth to Water (ft.) 14.12 Est. Perc Volume: 32

**Sampling Data:**

Time	Initial Turbidity:			Final Turbidity:		
	9:58	10:06	10:14	10:22	10:30	
EC	1130	1150	1140	1140	1140	
pH	6.03	6.09	6.11	6.06	6.06	
Temp	72.3	72.4	72.2	72.0	71.9	
Gal.	6	12	19	25	32	
Time						
EC						
pH						
Temp						
Gal.						

**After Purging/Before Sample Collection**  
 Depth to Water (ft.) 18.04 Total Well Depth (ft.) 26.23



FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	H 063	Date:	04-24-2007
Address:			
Personnel:	SERBAM	Weather:	SUNNY DAY
Well No:	MW-4	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	29.07	Well Diameter	2 <sup>4</sup>
Depth to Water (ft)	16.67	Est. Purge Volume:	8

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	11:52	11:54	11:56	11:58	12:00		
EC	1540	1530	1510	1540	1540		
pH	6.11	6.14	6.13	6.11	6.09		
Temp	71.3	71.6	71.7	71.7	71.4		
Gal.	1	3	4	6	8		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	20.11
Total Well Depth(ft).	29.07

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

806 North Batavia ■ Orange, CA 92868

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



063  
Page \_\_\_\_\_ of \_\_\_\_\_

Company _____					Phone _____		A.L. Job No. _____																																																																					
Project Manager _____					Fax _____		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="10">Analysis Requested</th> <th colspan="10">Test Instructions &amp; Comments</th> </tr> <tr> <td colspan="10"> </td> <td colspan="10"> </td> </tr> <tr> <td colspan="10"> </td> <td colspan="10"> </td> </tr> </table>										Analysis Requested										Test Instructions & Comments																																																	
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Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers _____		Property 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, 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 189265

REPORTED 05/03/2007

RECEIVED 04/26/2007

PROJECT Station #063  
6125 Telegraph Ave., Oakland

SUBMITTER Client

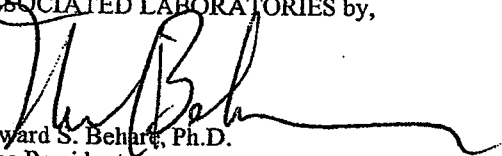
COMMENTS \* Matrix Interference.

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>
795365	TOC#063 MW-1
795366	TOC#063 MW-6
795367	TOC#063 MW-5
795368	TOC#063 MW-3
795369	TOC#063 MW-4
795370	TOC#063 MW-7
795371	TOC#063 MW-8
795372	TOC#063 Trip Blank
795373	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. Behart, 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 #: 795365

Client Sample ID: TOC#063 MW-1

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 12:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	133	1	1	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	04/28/07 RP
Ethyl benzene	114	1	5	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	72	1	1	0.19	ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	54	1	10	1.8	ug/L	04/28/07 RP
Toluene	3.2	J 1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	116	1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	104				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	112				%	70 - 130
Surr3 - Toluene-d8	107				%	70 - 130
Surr4 - p-Bromofluorobenzene	105				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	3090	1	50	5.6	ug/L	04/27/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	165				%	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 189265 results, page 1 of 9



Order #: 795366

Client Sample ID: TOC#063 MW-6

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 12:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	04/28/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	5.7	1	1	0.19	ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	2.4	1	1	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	1.8	ug/L	04/28/07 RP
Toluene	ND	1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	1.5	J 1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	114				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	126				%	70 - 130
Surr3 - Toluene-d8	106				%	70 - 130
Surr4 - p-Bromofluorobenzene	103				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/28/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	99				%	55 - 200

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



Order #: 795367

Client Sample ID: TOC#063 MW-5

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 12:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	04/28/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	1.8	ug/L	04/28/07 RP
Toluene	ND	1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	112				Units	Control Limits
Surr2 - 1,2-Dichloroethane-d4	126				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Bromofluorobenzene	96				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/28/07 LT
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	97				Units	Control Limits
					%	55 - 200

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



Order #: 795368

Client Sample ID: TOC#063 MW-3

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 13:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	42	10	10.0	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	10	10.0	0.20	ug/L	04/28/07 RP
Ethyl benzene	404	10	50.0	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	10	10.0	0.19	ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	10	100.0	1.8	ug/L	04/28/07 RP
Toluene	ND	10	50.0	0.24	ug/L	04/28/07 RP
Xylenes, total	1250	10	50.0	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
Surr1 - Dibromofluoromethane	113				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	127				%	70 - 130
Surr3 - Toluene-d8	106				%	70 - 130
Surr4 - p-Bromofluorobenzene	103				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	15700	10	500.0	5.6	ug/L	04/30/07 LT
<b>Surrogates</b>						
a,a,a-Trifluorotoluene	135				%	55 - 200

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



Order #: 795369

Client Sample ID: TOC#063 MW-4

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 14:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	25	1	1	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	04/28/07 RP
Ethyl benzene	80	1	5	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	754	10	10.0	0.19	ug/L	05/01/07 RP
Tert-amylmethylether (TAME)	11	1	1	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	776	1	10	1.8	ug/L	04/28/07 RP
Toluene	ND	1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	14	1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	114				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	110				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Bromofluorobenzene	106				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	1840	1	50	5.6	ug/L	04/28/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	224*				%	55 - 200

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





Order #: 795370

Client Sample ID: TOC#063 MW-7

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 14:40

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

Benzene	42	10	10.0	0.18 ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	10	10.0	0.20 ug/L	04/28/07 RP
Ethyl benzene	381	10	50.0	0.21 ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.23 ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	10	10.0	0.19 ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.19 ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	10	100.0	1.8 ug/L	04/28/07 RP
Toluene	ND	10	50.0	0.24 ug/L	04/28/07 RP
Xylenes, total	1230	10	50.0	0.45 ug/L	04/28/07 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	115			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	124			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	103			%	70 - 130

8015B - Gasoline

Gasoline	15500	10	500.0	5.6 ug/L	04/30/07 LT
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	144			%	55 - 200

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



Order #: 795371

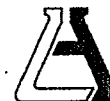
Client Sample ID: TOC#063 MW-8

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 15:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.18	ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	04/28/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	1.8	ug/L	04/28/07 RP
Toluene	ND	1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	106				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	123				%	70 - 130
Surr3 - Toluene-d8	106				%	70 - 130
Surr4 - p-Bromofluorobenzene	101				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/30/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	93				%	55 - 200

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



Order #: 795372

Client Sample ID: TOC#063 Trip Blank

Matrix: WATER

Date Sampled: 04/24/2007 Time Sampled: 00:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.18	ug/L	04/28/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	04/28/07 RP
Toluene	ND	1	5	0.24	ug/L	04/28/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	04/28/07 RP
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Surr1 - Dibromofluoromethane	115			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	123			%	70 - 130	
Surr3 - Toluene-d8	105			%	70 - 130	
Surr4 - p-Bromofluorobenzene	101			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/27/07 LT
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
a,a,a-Trifluorotoluene	91			%	55 - 200	

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



Order #: 795373

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
---------	--------	----	-----	-----	-------	--------------

**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.18 ug/L	04/28/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20 ug/L	04/28/07 RP
Ethyl benzene	ND	1	5	0.21 ug/L	04/28/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23 ug/L	04/28/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19 ug/L	04/28/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19 ug/L	04/28/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	1.8 ug/L	04/28/07 RP
Toluene	ND	1	5	0.24 ug/L	04/28/07 RP
Xylenes, total	ND	1	5	0.45 ug/L	04/28/07 RP

**Surrogates**

				Units	Control Limits
Surr1 - Dibromofluoromethane	116			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	124			%	70 - 130
Surr3 - Toluene-d8	108			%	70 - 130
Surr4 - p-Bromofluorobenzene	103			%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6 ug/L	04/27/07 LT
----------	----	---	----	----------	-------------

**Surrogates**

				Units	Control Limits
a,a,a-Trifluorotoluene	98			%	55 - 200

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



# ASSOCIATED LABORATORIES

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

Sample ID: *MS/MSD Water Sample*      189247-285  
 Date Prepared: April 27, 2007  
 Date Analyzed: April 28, 2007              12:21 AM  
 Sample Matrix: Water  
 Units: µg/L

Lab ID#'s in Batch: 189247, 189265

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	52.37	57.66	105	115	10	22	59 - 172
MTBE	0.00	50.0	51.85	52.29	104	105	1	24	62 - 137
Benzene	0.00	50.0	46.28	44.95	93	90	3	24	62 - 137
Trichloroethene	0.00	50.0	54.65	51.17	109	102	7	21	66 - 142
Toluene	0.00	50.0	52.46	47.75	105	96	9	21	59 - 139
Chlorobenzene	0.00	50.0	50.70	46.77	101	94	8	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	56.73	113	59 - 172
MTBE	50.0	43.08	86	62 - 137
Benzene	50.0	45.13	90	62 - 137
Trichloroethene	50.0	51.90	104	66 - 142
Toluene	50.0	51.92	104	59 - 139
Chlorobenzene	50.0	48.23	96	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	95	116	121	121	115	70 - 135
1,2-Dichloroethane-d4	111	124	113	115	102	70 - 135
Toluene-d8	105	108	111	108	109	70 - 135
p-Bromofluorobenzene	100	103	102	100	99	70 - 135

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD  
 Matrix: WATER  
 Prep. Date: April 27, 2007  
 Analysis Date: 4/27/07-4/28/07  
 Lab ID#'s in Batch: LR 189265 , 189247 .

**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	543	560	109	112	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*

<b>%REC LIMITS = 70 - 130</b>
<b>RPD LIMITS = 30</b>

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	98
LCS	192
LCSD	195

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



**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: Thyristor Project: \_\_\_\_\_  
 Date Received: 4/26/07  
 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: \_\_\_\_\_  
 (Acceptance range is 2 to 6 Deg. C.) 3.2

**Section 3**

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

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

**Section 4**  
 Explanations/Comments

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

Completed By: M. Seunck Date: 4/26/07

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

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



189260

Page 1 of 1

Company: <b>THIRTY OIL CO.</b>	Phone: <b>562(921-3581)</b>	A.L. Job No.
Project Manager: <b>JEFF SUDYAKUSUMA</b>	Fax: <b>562(921-7510)</b>	
Project Name: <b>Q. W. S.</b>	Project #: <b>063</b>	Analysis Requested
Site Name and Address: <b>6125 TELEGRAPH AVE OAKLAND CA 94609</b>		Test Instructions & Comments

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH (8015M)	BTX (8260B)	OXYGENATED										
1 MW-1		04-24-07	12:30	H <sub>2</sub> O	4-VOA	HCL	X	X	X										
2 MW-6			12:40				X	X	X										
3 MW-5			12:50				X	X	X										
4 MW-3			13:50				X	X	X										
5 MW-4			14:10				X	X	X										
6 MW-7			14:40				X	X	X										
7 MW-8			15:00				X	X	X										
8 TRIP BLANK			00:50		2-VOA	HCL	X	X											
9																			
10																			
11																			
12																			
13																			
14																			
15																			

J0600101366

ANALYSIS REQUIRED FOR OXYGENATED COMPOUNDS USED IN CA. GASOLINE BY EPA 8260B  
1-TERTIARY BUTANOL  
2-MTBE  
3-DIPE  
4-ETBE  
5-TAME

<b>Sample Receipt - To Be Filled By Laboratory</b>		Relinquished by Sampler: <b>E.M.C.</b>	Relinquished by 2.	Relinquished by 3.
Total Number of Containers	Properly Cooled Y/N/NA	Signature: <i>[Signature]</i>	Signature:	Signature:
Custody Seals Y/N/NA	Samples Intact Y/N/NA	Printed Name: <b>SKRBA</b>	Printed Name:	Printed Name:
Received in Good Condition Y/N	Samples Accepted Y/N	Date: <b>04-24-07</b> Time: <b>16:00</b>	Date:	Time:
<b>Turn Around Time</b> <b>4:00:07</b>		Received By: <b>G.S.O.</b>	Received By: 2.	Received By: 3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	Signature: <i>[Signature]</i>	Signature:	Signature:
<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Printed Name: <b>[Name]</b>	Printed Name:	Printed Name:
<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Date: <b>4/24/07</b> Time: <b>9:00</b>	Date:	Time:

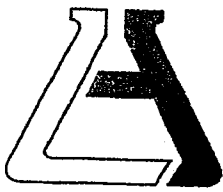


**SUMMARY TABLE  
CURRENT PERIOD GROUNDWATER DATA  
THRIFTY OIL STATION #206, SANTA BARBARA, CA, 93105  
T0608300562**

WELL	Monit/ Sampl. Date	ANALYTICAL PARAMETERS											MONITORING PARAMETERS				ELEVATION	
		TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	ETH (mg/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)
TDD-5	04/25/07	12,400	146	7.4	214	32	62	<0.20	<0.23	<0.19	71	<500	NP	9.36	14.37	0.00	21.55	12.19
TDD-7	04/25/07	562	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<1.8	<500	NP	9.48	19.74	0.00	21.64	12.16
MW-6	04/25/07	5,090	1,250	168	88	184	1,090	<2.0	<2.3	<1.9	181	<5,000	NP	9.48	20.29	0.00	20.53	11.05
MW-7	04/25/07	17,100	327	81	951	290	114	<2.0	<2.3	<1.9	<18	<5,000	NP	8.85	20.33	0.00	20.64	11.79
MW-8	04/25/07	1,400	<0.18	1.8 J	7.8	9.4	<0.19	<0.20	<0.23	<0.19	<1.8	<500	NP	8.50	20.29	0.00	20.81	12.31
MW-9	04/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	6.9	<0.20	<0.23	<0.19	<1.8	<500	NP	6.54	30.21	0.00	17.42	10.88
MW-10	04/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	11	<0.20	<0.23	<0.19	<1.8	<500	NP	6.65	30.10	0.00	16.47	9.82
MW-11	04/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.20	<0.23	<0.19	<1.8	<500	NP	7.38	31.90	0.00	18.03	10.65
MW-12	04/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	23	<0.20	<0.23	<0.19	<1.8	<500	NP	5.55	29.35	0.00	14.69	9.14
MW-13	04/25/07	126	<0.18	<0.24	<0.21	<0.45	19	5.7	<0.23	3.0	682	<500	NP	4.90	29.69	0.00	13.59	8.69
MW-18	04/25/07	695	7.2	<0.24	1.1 J	2.1 J	3.8	<0.20	<0.23	<0.19	75	<500	NP	10.84	15.15	0.00	22.58	11.74
MW-19	04/25/07	106,000	10,300	13,500	3,220	17,900	1,490	<2.0	<2.3	<1.9	1,130	<5,000	NP	10.45	14.57	0.00	22.25	11.80

**NOTE:**

TPHg	= Total Petroleum Hydrocarbons as gasoline	MTBE	= Methyl-tert-butyl ether	DTW	= Depth To Water	" - "	= Not analyzed / Not available
B	= Benzene	DIPE	= 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		
		ETH	= Ethanol				



**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 188409

REPORTED 04/20/2007

RECEIVED 04/13/2007

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.

791996

791997

Client Sample Identification

TOC #063 Outlet PSP 1

Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.  
Vice President

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

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TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental

Order #: 791996  
Matrix: WATER

Client Sample ID: TOC #063 Outlet PSP 1  
Date Sampled: 04/12/2007 Time Sampled: 11:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.17	ug/L	04/17/07 LT
Ethyl benzene	ND	1	0.3	0.14	ug/L	04/17/07 LT
Toluene	ND	1	0.3	0.22	ug/L	04/17/07 LT
Xylene (total)	ND	1	0.6	0.38	ug/L	04/17/07 LT
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Trifluorotoluene (sur)	92				%	55 - 155
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/17/07 LT
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	92				%	55 - 200

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



Order #: 791997  
Matrix: WATER

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.17 ug/L		04/17/07 LT
Ethyl benzene	ND	1	0.3	0.14 ug/L		04/17/07 LT
Toluene	ND	1	0.3	0.22 ug/L		04/17/07 LT
Xylene (total)	ND	1	0.6	0.38 ug/L		04/17/07 LT
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Trifluorotoluene (sur)	93			%		55 - 155
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6 ug/L		04/17/07 LT
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	80			%		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: April 17, 2007  
 Analysis Date: 4/17/07-4/18/07  
 Lab ID#'s in Batch: LR 188410 , 188409 , 188401 , 188408 , 188556 , 188437 .

**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	453	457	91	91	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*

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

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

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	80
LCS	176
LCSD	162

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

ASSOCIATED LABORATORIES  
LCS REPORT FORM

QC Sample: LCS/LCSD  
 Matrix: WATER  
 Prep. Date: Apr 17-07  
 Analysis Date: 4/17/07-4/18/07  
 Lab ID#'s in Batch: LR 183409

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	22.5	23.2	113	116	3
Toluene	8021	ND	20	22.7	23.2	114	116	2
Ethylbenzene	8021	ND	20	20.8	22.9	104	115	10
Xylenes	8021	ND	60	67.9	69.9	113	117	3

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

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

%REC LIMITS = 70 - 130
RPD LIMITS = 30

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	93
LCS	102
LCSD	102

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

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

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



188409 Page 1 of 1

Company <b>THRIFTY OIL CO.</b>		Phone <b>(562) 921-3581</b>		A.L. Job No. <b>188409</b>		Page <b>1</b> of <b>1</b>							
Project Manager <b>JEFF SURYAKUSUMA</b>		Fax <b>(562) 921-7510</b>		Analysis Requested				Test Instructions & Comments					
Project Name <b>SYSTEM WATER SAMPLING</b>		Project # <b>063</b>											
Site Name and Address <b>6125 TELEGRAPH AVE. OAKLAND CA. 94604</b>				TPH9(2016M) STEX(2021B)									
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.							
1		04-12-07	11:00	H <sub>2</sub> O	4-VOA	HCL	X	X					
2													GRAB SAMPLE
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		Property Cooled Y/N/NA		Signature:	<i>E.M.C.</i>	Signature:		Signature:	
Custody Seals Y/N/NA		Samples Intact Y/N/NA		Printed Name:	<i>SPR...</i>	Printed Name:		Printed Name:	
Received in Good Condition Y/N		Samples Accepted Y/N		Date:	04-12-07	Date:		Date:	
				Time:	16:00	Time:		Time:	
Turn Around Time				Received By:	1.	Received By:	2.	Received By:	3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<i>G.S.O.</i>	Signature:		Signature:	
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	<i>Michelle Stewart</i>	Printed Name:		Printed Name:	
				Date:	4-13-07	Date:		Date:	
				Time:	3:25	Time:		Time:	

4-13-07 3:25



**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: Thrift Project: \_\_\_\_\_  
 Date Received: 4-13-07  
 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: \_\_\_\_\_  
 (Acceptance range is 2 to 6 Deg. C.) 32

**Section 3**

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

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

**Section 4**  
 Explanations/Comments

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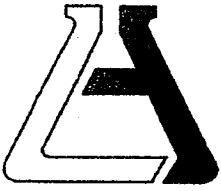


---

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

Completed By: [Signature] Date: 4-13-07





**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 188408

REPORTED 04/23/2007

RECEIVED 04/13/2007

PROJECT Station #063  
6125 Telegraph Ave., Oakland

SUBMITTER Client

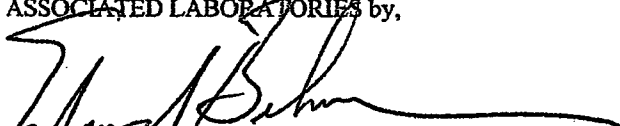
COMMENTS \* Matrix Interference.

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>
791978	TOC #063 Int-1
791979	TOC #063 Int-2
791980	TOC #063 Int-3
791981	TOC #063 Inlet
791982	TOC #063 MW-3
791983	TOC #063 MW-4
791984	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 #: 791978

Matrix: WATER

Client Sample ID: TOC #063 Int-1

Date Sampled: 04/12/2007 Time Sampled: 11:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	ND	1	5	0.24	ug/L	04/17/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	04/17/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	04/17/07 RP
Toluene	ND	1	5	0.10	ug/L	04/17/07 RP
Xylenes, total	ND	1	5	0.3	ug/L	04/17/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106				%	70 - 130
Surr3 - Toluene-d8	100				%	70 - 130
Surr4 - p-Bromofluorobenzene	106				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	04/18/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	156				%	55 - 200

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



Order #: 791979

Client Sample ID: TOC #063 Int-2

Matrix: WATER

Date Sampled: 04/12/2007 Time Sampled: 11:25

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	6.8	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	166	1	5	0.24	ug/L	04/17/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	30	1	1	0.63	ug/L	04/17/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	04/17/07 RP
Toluene	563	10	50.0	0.10	ug/L	04/18/07 RP
Xylenes, total	1120	10	50.0	0.3	ug/L	04/18/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	108				%	70 - 130
Surr4 - p-Bromofluorobenzene	112				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	3580	1	50	5.6	ug/L	04/18/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	181				%	55 - 200

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



Order #: 791980

Matrix: WATER

Client Sample ID: TOC #063 Int-3

Date Sampled: 04/12/2007 Time Sampled: 11:35

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	33	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	227	1	5	0.24	ug/L	04/17/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	129	1	1	0.63	ug/L	04/17/07 RP
Tert-amylmethylether (TAME)	2.9	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	161	1	10	10	ug/L	04/17/07 RP
Toluene	701	10	50.0	0.10	ug/L	04/18/07 RP
Xylenes, total	1430	10	50.0	0.3	ug/L	04/18/07 RP
<b>Surrogates</b>						
					Units	Control Limits
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99				%	70 - 130
Surr3 - Toluene-d8	106				%	70 - 130
Surr4 - p-Bromofluorobenzene	113				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	5120	1	50	5.6	ug/L	04/18/07 LT
<b>Surrogates</b>						
					Units	Control Limits
a,a,a-Trifluorotoluene	178				%	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 188408 results, page 3 of 7



Order #: 791981

Client Sample ID: TOC #063 Inlet

Matrix: WATER

Date Sampled: 04/12/2007 Time Sampled: 11:45

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	43	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	296	10	50.0	0.24	ug/L	04/18/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	199	1	1	0.63	ug/L	04/17/07 RP
Text-amylmethylether (TAME)	3.5	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	260	1	10	10	ug/L	04/17/07 RP
Toluene	916	10	50.0	0.10	ug/L	04/18/07 RP
Xylenes, total	1810	10	50.0	0.3	ug/L	04/18/07 RP
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Surr1 - Dibromofluoromethane	93			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	100			%	70 - 130	
Surr3 - Toluene-d8	108			%	70 - 130	
Surr4 - p-Bromofluorobenzene	111			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	6640	5	250.0	5.6	ug/L	04/19/07 LT
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
a,a,a-Trifluorotoluene	80			%	55 - 200	

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

ND = Not detected below indicated MDL, J=Trace



Order #: 791982

Client Sample ID: TOC #063 MW-3

Matrix: WATER

Date Sampled: 04/12/2007 Time Sampled: 12:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	30	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	40	1	5	0.24	ug/L	04/17/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	64	1	1	0.63	ug/L	04/17/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	50	1	10	10	ug/L	04/17/07 RP
Toluene	173	1	5	0.10	ug/L	04/17/07 RP
Xylenes, total	416	1	5	0.3	ug/L	04/17/07 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	110				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	1460	1	50	5.6	ug/L	04/18/07 LT
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	164				%	55 - 200

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



Order #: 791983

Matrix: WATER

Client Sample ID: TOC #063 MW-4

Date Sampled: 04/12/2007 Time Sampled: 12:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	67	1	1	0.32	ug/L	04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	04/17/07 RP
Ethyl benzene	96	1	5	0.24	ug/L	04/17/07 RP
Ethyl-tertbuylether (ETBE)	ND	1	1	0.17	ug/L	04/17/07 RP
Methyl-tert-butylether (MTBE)	616	10	10.0	0.63	ug/L	04/18/07 RP
Tert-amylmethylether (TAME)	11	1	1	0.28	ug/L	04/17/07 RP
Tertiary butyl alcohol (TBA)	635	1	10	10	ug/L	04/17/07 RP
Toluene	1.5	J 1	5	0.10	ug/L	04/17/07 RP
Xylenes, total	8.3	1	5	0.3	ug/L	04/17/07 RP
<b>Surrogates</b>						
					Units	Control Limits
Surr1 - Dibromofluoromethane	92				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	105				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	1550	1	50	5.6	ug/L	04/18/07 LT
<b>Surrogates</b>						
					Units	Control Limits
a,a,a-Trifluorotoluene	301*				%	55 - 200

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



Order #: 791984

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		04/17/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L		04/17/07 RP
Ethyl benzene	ND	1	5	0.24 ug/L		04/17/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L		04/17/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L		04/17/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L		04/17/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L		04/17/07 RP
Toluene	ND	1	5	0.10 ug/L		04/17/07 RP
Xylenes, total	ND	1	5	0.3 ug/L		04/17/07 RP
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	97			%		70 - 130
Surr2 - 1,2-Dichloroethane-d4	102			%		70 - 130
Surr3 - Toluene-d8	102			%		70 - 130
Surr4 - p-Bromofluorobenzene	109			%		70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6 ug/L		04/17/07 LT
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	80			%		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: April 17, 2007  
 Analysis Date 4/17/07-4/18/07  
 Lab ID#'s in Batch: LR 188410 , 188409 , 188401 , 188408 , 188556 , 188437 .

**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	453	457	91	91	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*

<i>%REC LIMITS = 70 - 130</i>
<i>RPD LIMITS = 30</i>

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	80
LCS	176
LCSD	162

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

# ASSOCIATED LABORATORIES

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

Sample ID: *MS/MSD Water Sample*      188410-985  
 Date Prepared: April 16, 2007  
 Date Analyzed: April 16, 2007                      11:24 PM  
 Sample Matrix: Water  
 Units: µg/L

Lab ID#'s in Batch: 188410, 188408, 188412

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	67.15	58.46	134	117	14	22	59 - 172
MTBE	0.00	50.0	63.37	53.29	127	107	17	24	62 - 137
Benzene	0.00	50.0	63.78	53.88	128	108	17	24	62 - 137
Trichloroethene	0.00	50.0	65.73	59.07	131	118	11	21	66 - 142
Toluene	0.00	50.0	62.95	55.36	126	111	13	21	59 - 139
Chlorobenzene	0.00	50.0	59.89	53.02	120	106	12	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	60.34	121	59 - 172
MTBE	50.0	52.98	106	62 - 137
Benzene	50.0	54.88	110	62 - 137
Trichloroethene	50.0	58.42	117	66 - 142
Toluene	50.0	56.35	113	59 - 139
Chlorobenzene	50.0	53.15	106	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	95	97	101	94	94	70 - 135
1,2-Dichloroethane-d4	98	102	104	98	96	70 - 135
Toluene-d8	100	102	101	101	101	70 - 135
p-Bromofluorobenzene	111	109	101	103	101	70 - 135

# ASSOCIATED LABORATORIES

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

Sample ID: *MS/MSD Water Sample*    188520-422  
 Date Prepared: April 17, 2007  
 Date Analyzed: April 18, 2007  
 Sample Matrix: Water  
 Units: µg/L

Lab ID#'s in Batch: 188520, 188523, 188524, 188410, 188412, 188408

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	56.50	58.10	113	116	3	22	59 - 172
MTBE	0.00	50.0	52.40	53.00	105	106	1	24	62 - 137
Benzene	0.00	50.0	54.30	55.80	109	112	3	24	62 - 137
Trichloroethene	0.00	50.0	57.60	59.80	115	120	4	21	66 - 142
Toluene	0.00	50.0	57.00	59.40	114	119	4	21	59 - 139
Chlorobenzene	0.00	50.0	53.80	54.70	108	109	2	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	56.30	113	59 - 172
MTBE	50.0	51.10	102	62 - 137
Benzene	50.0	51.20	102	62 - 137
Trichloroethene	50.0	56.40	113	66 - 142
Toluene	50.0	51.80	104	59 - 139
Chlorobenzene	50.0	50.00	100	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	98	95	94	94	91	70 - 135
1,2-Dichloroethane-d4	104	104	103	103	99	70 - 135
Toluene-d8	101	100	103	106	101	70 - 135
p-Bromofluorobenzene	102	111	108	110	108	70 - 135

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

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



188408

Company <b>THRIFTY OIL CO.</b>		Phone <b>(562) 921-3581</b>		A.L. Job No.		Page <b>1</b> of <b>1</b>							
Project Manager <b>JEFF SURYAKUSUMA</b>		Fax <b>(562) 921-7540</b>		Analysis Requested				Test Instructions & Comments					
Project Name <b>SYSTEM WATER SAMPLING</b>		Project # <b>063</b>		TPH (2015A) BTEX (2021B) OXYGENATED									
Site Name and Address <b>6125 TELEGRAPH AVE OAKLAND CA 94209</b>													
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.							
1 INT-1		04-12-07	11:15	H <sub>2</sub> O	4-VOL	HCL	X	X	X				
2 INT-2			11:25				X	X	X				
3 INT-3			11:35				X	X	X				
4 INLET			11:45				X	X	X				
5 MW-3			12:00				X	X	X				
6 MW-4			12:10				X	X	X				
7													
8													
9													
10													
11													
12													
13													
14													
15													

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: <b>E.M.C.</b>	Relinquished by <b>2.</b>	Relinquished by <b>3.</b>
Total Number of Containers	Properly Cooled Y/N/NA	Signature: <i>[Signature]</i>	Signature:	Signature:	Signature:	Signature:
Custody Seals Y/N/NA	Samples Intact Y/N/NA	Printed Name: <b>JEFF SURYAKUSUMA</b>	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Received in Good Condition Y/N	Samples Accepted Y/N	Date: <b>04.12.07</b> Time: <b>16:00</b>	Date:	Time:	Date:	Time:
Turn Around Time				Received By: <b>M.G.S. 06</b>	Received By: <b>2.</b>	Received By: <b>3.</b>
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature: <i>[Signature]</i>	Signature:	Signature:
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name: <b>Michael Stewart</b>	Printed Name:	Printed Name:
		Date: <b>7-13-07</b> Time: <b>9:50</b>	Date:	Date:	Time:	Time:

2-4-1607 8:48



**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: Thru Ptg Project: \_\_\_\_\_  
 Date Received: 4-13-07  
 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: \_\_\_\_\_  
 (Acceptance range is 2 to 6 Deg. C.) 32

**Section 3**

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

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

**Section 4**  
 Explanations/Comments

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

Completed By: M. S. [Signature] Date: 4-13-07

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: 06-01-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR WAX, CHECK OIL,  
CHECK OIL, CHECK TRANSFER PUMP, CHECK PUMP  
IN MW-4, CHECK FILTER IN FILTER/REGULATOR BOWL

FLOW METER READING: - 2005210 -

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: 2.0

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

INSPECTOR'S SIGNATURE: Serban

065

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: 03-16-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL, REFL,  
CHECK TRANSFER PUMP, CHECK PUMP IN MW-3, CHANGE  
FILTERS IN FILTER/REGULATOR, CHECK PIPED AND DRUMS  
FOR LEAK,

FLOW METER READING: - 1983620 -

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: 1.0

INSPECTOR'S SIGNATURE: Serban P.



063

A) SS #: 063 SYSTEM TYPE:  
B) DEFICIENCY DESCRIPTION :  
MW-5  
C) NAME OF REPORTING PARTY AND DATE: YERRON P  
D) DATE SCHEDULED : 03-21-2007

1) NAME:	DATE/TIME
2) FINDINGS:	
3) HAS THE JOB BEEN COMPLETED? <input checked="" type="radio"/> YES / <input type="radio"/> NO IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED TO FINISH:	
4) POST REPAIR TEST RESULTS:	
5) THE CAUSE OF THE DEFICIENCY:	
BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE TO THE TECHNICIAN:	
6) OTHER: REPLACE WELL COVER FOR MW-5	



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: 03-23-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHANGE FILTER  
FOR COMPRESSOR PUMP, CHECK TRANSFER PUMP,  
CHECK FILTER/REGULATOR, CHECK HOSES AND  
DRUMS FOR LEAKS

FLOW METER READING: -1985120-

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: 2.1

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

INSPECTOR'S SIGNATURE: Serban P.

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: 03-30-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL  
CHECK BELT, DRAIN WATER FROM FILTER/REGULATOR  
CHECK TRANSFER PUMP, CHECK DRUMS FOR LEAK  
CLEAN INSIDE COMPOUND

FLOW METER READING: 1987330

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: 2.0

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

INSPECTOR'S SIGNATURE: Sidqwe

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: 04-05-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, DRAIN WATER  
FROM FILTERED/REGULATOR, CHECK BELT, HOSES  
AND DRUMS FOR LEAK, CHECK TRANSFER PUMP,  
CHECK PUMP IN MW-3,

FLOW METER READING: -1989120-

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: 2.0

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

INSPECTOR'S SIGNATURE: Serban P.

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: 04-12-2007

OBSERVATIONS AND  
COMMENTS: DRAIN WATER FROM COOLDRYER TANK, CHECK  
BELT, ADD OIL, CHECK TRANSFER PUMP, TAKE WATER  
SAMPLES FROM SYSTEM

FLOW METER READING: -1991300-

SAMPLES OBTAINED: YES

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: Sidjow

SITE:

ADDR:

DATE:

PERSON:

TOE 063  
6125 TRLXGDPIH  
OAKLAND 94609  
01-20-2007  
SEPRAN

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		X			
FPR	FF Recovery				1992720	
O	Other					

**UTILITIES:**

Electrical Meter:

N/A

Nat. gas Meter:

N/A

Propane Tank Level:

N/A

**OTHER NOTES:**

SHUTDOWN SYSTEM FOR G.W.S

**ALWAYS OBSERVE SAFETY PROCEDURES!**

# SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

ADDR:

DATE:

PERSON:

TOE 063  
6125 TELEGRAPH  
OAKLAND 94609  
04-27-2007  
SEPRAH

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	✓			1992730	
FPR	FP Recovery					
O	Other:					

**UTILITIES:**

Electrical Meter: N/A

Nat. gas Meter: N/A

Propane Tank Level: N/A

**OTHER NOTES:**

RESTART AFTER Q.W.S.

**ALWAYS OBSERVE SAFETY PROCEDURES!**

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: 05-03-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL  
BELT, CHECK TRANSFER PUMP, CHECK DRUMS  
AND HOSES FOR LEAK, CHECK PUMP IN MW-4,  
DRAIN WATER FROM FILTER/REGULAT FILTER,

FLOW METER READING: -1994500-

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: 1.2

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

INSPECTOR'S SIGNATURE: Sidoroze

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: 05-10-2007

OBSERVATIONS AND  
COMMENTS: ADD OIL, CHECK BELT, DRAIN COMPRESSOR  
TANK, CHECK TRANSFER PUMP, CHECK DRUMS AND  
HOSES FOR LEAK, CHECK PUMP IN MW-3,  
DRAIN WATER FROM FILTER/REGULATOR, CLEAN  
INSIDE COMPOUND,

FLOW METER READING: 2002410

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: 2.0

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

INSPECTOR'S SIGNATURE: Serban P.



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: 05-17-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL, BELT  
CHECK LEAK FROM DRUMS AND HOSES, CHECK PUMP  
IN MW-3, REPLACE FILTER IN FILTER/REGULATOR, CLEAN  
INSIDE COMPOUND,

FLOW METER READING: 2004320

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: 3.0

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

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

INSPECTOR'S SIGNATURE: Serban P.

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: 05-25-2007

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK BLEND,  
OIL, DRAIN WATER FROM FILTER/REGULATOR FILTER,  
CHECK HOSES AND PIPES FOR LEAK

FLOW METER READING: 2004810-

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.