

# THRIFTY OIL CO.

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January 15, 2007

**O.72955**

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

Local #RO0000004  
RWQCB #01-1478

**RE: Former Thrifty Oil Co. Station #049**  
3400 San Pablo Avenue  
Oakland, CA  
*4th Quarter 2006, Status Report*

Dear Mr. Plunkett:

Presented herein is the 4th Quarter 2006, Status Report prepared by Equipoise Corporation (Equipoise) dated January 5, 2007 for former Thrifty Oil Co. (Thrifty) Station #049 located at 3400 San Pablo Avenue, Oakland, California. This report presents the results of the site monitoring and remedial activities in the fourth quarter of 2006. Thrifty has retained the services of Earth Management Company (EMC) to conduct quarterly monitoring and sampling and remedial system monitoring activities at this site.

Should you have any questions regarding this report, please contact Tim Nelligan of Equipoise at (949) 366-0275 or Jeff Suryakusuma at (562) 921-3581 (x311).

Respectfully submitted,



Chris Panaitescu  
General Manager  
Environmental Affairs

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



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**Fourth Quarter 2006  
Quarterly Status Report  
Former Thrifty Oil Co. Station #049  
3400 San Pablo Avenue  
Oakland, California**

0.72955

**Local RO# 0000004  
Facility Global ID No. T0600101365  
EDF Confirmation No. 2781665921**

Prepared for

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

Equipoise Project No. CA135.049.4Q 06

January 5, 2007

Prepared by:

**EQUIPOISE**  
CORPORATION

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

## Summary of Monitoring and Sampling Activities

Thrifty Oil Co. Station #049

Fourth Quarter 2006

Reporting Period: 10/1/2006 to 12/31/2006

### Site Information:

Site address:	TOC SS #049 (ARCO #9535) 3400 San Pablo Avenue Oakland, CA
Global ID No.:	T0600101365
EDF Confirmation No.:	2781665921
Lead Agency No.:	Local #RO0000004
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Steven Plunkett / 510 383-1767
Project Manager:	Jeff Suryakusuma / 562-921-3581 ext. 311

### Field Activity:

Groundwater wells onsite:	8
Groundwater wells offsite:	0
Date(s) monitored:	10/18/2006
Date(s) sampled:	10/18/2006
Groundwater wells gauged:	8
Groundwater wells sampled:	8
Purging method:	Bailer / Pump
Treatment / disposal method during sampling event:	Drums – Safety-Kleen pickup
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):	5.13 to 6.99
Groundwater elevation (feet above mean sea level):	91.04 to 94.27
Groundwater gradient and flow direction:	Southwest at approximately 0.075 ft./ft.
Consistent with previous quarter:	Consistent with previous quarters

**Groundwater Conditions:**

TPHg concentration (ug/L):	ND<5.6 to 57,600
Benzene concentration (ug/L):	ND<0.32 to 75
Toluene concentration (ug/L):	ND<0.1 to 5730
Ethyl benzene concentration (ug/L):	ND<0.24 to 1770
Total Xylenes concentration (ug/L):	ND<0.3 to 7820
MTBE concentration (ug/L):	ND<0.63 to 389
DIPE concentration (ug/L):	ND<0.29 to <0.29
ETBE concentration (ug/L):	ND<0.17 to <0.17
TAME concentration (ug/L):	ND<0.28 to 2.8
TBA concentration (ug/L):	ND<10 to 209

**Remediation Activity:**

System type:	GWPT
System start-up:	4/8/91 (Upgraded System Start-Up 6/21/04)
Operation this quarter (hrs.):	NA
Cumulative Operation (hrs.):	NA
GW discharge this quarter (gal.):	7,770 (as of 12/13/2006)
Total GW discharge (gal.):	1,617,326
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. A groundwater elevation contour map based on the October 18, 2006 monitoring data is presented in **Figure 2**. Groundwater elevation data indicates that groundwater flow to the southwest under an approximate gradient of 0.075 feet/foot.

### **Quarterly Groundwater Sampling**

As part of the ongoing groundwater-monitoring program, EMC obtained groundwater samples from monitoring wells MW-1, MW-2R, MW-3, MW-4R, MW-5, MW-6, MW-7, and RW-1R on October 18, 2006. Groundwater wells MW-2 and MW-4 and recovery well RW-1 were abandoned by Advanced GeoEnvironmental (AGE) in January 2004, and replacement wells MW-2R, MW-4R, and RW-1R were installed as part of an upgrade to the groundwater recovery system. Groundwater samples were delivered by EMC in a chilled state following strict Chain-of-Custody procedures to a state-certified laboratory and analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M. Volatile organic compounds of benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tert butyl ether (MTBE), and other oxygenates were analyzed by EPA Method 8260B. A summary of historical analytical sampling results for TPHg, BTEX, and MTBE is provided in **Table 1** and additional oxygenates in **Table 2**. Copies of the EMC Field Data Groundwater Sampling Forms are provided in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, benzene, and MTBE isoconcentration maps in micrograms per liter (ug/L) were prepared using data from the October 18, 2006 sampling event and are presented in **Figures 3, 4, and 5**, respectively.

Laboratory results indicate that maximum concentrations of TPHg and benzene were detected in MW-2R (57,600 ug/L and 75 ug/L, respectively). The maximum concentration of MTBE was detected in MW-4R (389 ug/L).

During the current quarter, concentrations of TPHg increased from concentrations detected during the July 19, 2006 sampling event in extraction wells MW-2R (57,600 ug/L) and RW-1R (41,500 ug/L). The October 18, 2006 sampling event recorded the highest TPHg concentrations in MW-2R and RW-1R since the extraction wells were installed in 2004. MTBE and benzene concentrations decreased in well MW-2R (263 ug/L and 75 ug/L). MTBE decreased in extraction well RW-1R (343 ug/L). TPHg, benzene and MTBE were not detected in extraction wells MW-1, MW-5, MW-6, and MW-7 during the October 18, 2006 sampling event. Concentrations for TPHg, benzene and MTBE were highest in the groundwater extraction wells MW-2R, MW-4R and RW-1R.

For well MW-3, the last three sampling events (July 19, 2006, September 15, 2006 and October 18, 2006) detected concentrations of benzene and TPHg. The previous nine sampling events (since January 2004), the TPHg and benzene concentrations were below detection limits. Elevated concentrations of TPHg and MTBE were detected in upgradient well MW-5 since April 2004, however, the current sampling event did not detect elevated concentrations of dissolved hydrocarbons at MW-5. Thrifty will continue to track future results for this well to evaluate the likelihood of a new release at the site or possible affect from the adjacent Shell station (MW-3 is located down/cross gradient from Shell's USTs).

It is unknown if the elevated concentrations detected during the July 19, 2006 sampling migrated onsite from the adjacent service station or if a new release has occurred onsite. Thrifty is continuing to investigate the possibility of a laboratory and/or sampling error. The groundwater flow direction and TPHg, benzene, and MTBE contour maps suggest that an upgradient offsite source may be possible.

### **Remediation Status**

Site remedial activities were initiated in April 1991. Originally, the remediation equipment consisted of a Groundwater Treatment System using activated carbon, with groundwater extraction from recovery well RW-1. System operational data is included in **Table 3**. On April 4, 2003, the system was shut off for upgrading activities. As of April 4, 2003, the system treated approximately 1,445,088 gallons of groundwater since start up (April 1991).

Thrifty selected Advance GeoEnvironmental (AGE) to conduct remedial system upgrade activities including installation of a new treatment compound, installation of new piping, connection of piping to the replacement well network, and the operation and maintenance of the upgraded groundwater pump and treat system. In January 2004, AGE abandoned wells MW-2, MW-4, and RW-1 and replaced them with wells MW-2R, MW-4R, and RW-1R.

The upgraded remediation system was restarted by AGE for continuous operation on June 21, 2004. The primary components of the upgraded system within the treatment compound consist of an air compressor, 500 gallon Poly settling tank, control panel, and three 200-pound granular activated carbon canisters. The upgraded system is extracting groundwater from extraction wells MW-2R, MW-4R, and RW-1R that are each equipped with downhole submersible pumps.

On November 2, 2004, AGE reported that the pump had been stolen from well MW-4R. Because well MW-4R was producing more water than well MW-2R, the pump from well MW-2R was removed and installed in well MW-4R. On February 25, 2005, a new pump was installed in well MW-4R and the existing pump was replaced in well MW-2R.

On January 12, 2005, system operations and maintenance duties were assumed by EMC from AGE. During the current reporting period, as of December 13, 2006, the upgraded system produced and treated 7,770 gallons of water for a cumulative system total of 1,617,326 gallons (**Table 3**).

On October 4, 2006, Thrifty collected an effluent water sample from the PSP-1 sampling port and submitted the sample for analyses for BTEX by EPA Method 8260B and for TPHg by EPA Method 8015M. TPHg and BTEX were not detected above their respective detection limits. Copies of the Field Reports prepared by EMC are provided in **Appendix C** and the system effluent analytical results collected by EMC on October 4, 2006 are provided in **Appendix D**.

### **Recent Site Investigation**

In a transmittal letter dated March 11, 2004, Thrifty submitted preliminary soil and groundwater data from the four offsite soil borings and onsite well replacement activities performed by AGE. On March 18, 2004, Thrifty, AGE, and the Alameda County Health Care Services (ACHCS) met at the site to discuss the location of offsite well MW-8 and the soil and groundwater data provided by Thrifty. In a letter dated March 19, 2004, the ACHCS requested that Thrifty prepare a workplan to address the offsite contamination detected during the January 2004 site assessment conducted by AGE. After further discussing the scope of work with the ACHCS in an e-mail dated April 27, 2004, Thrifty submitted a workplan to install one onsite and two offsite wells downgradient of the site. The ACHCS responded in an e-mail dated May 4, 2004, requesting additional borings to delineate the plume to the west and southwest of the site. Thrifty submitted a revised Workplan for Additional Offsite Assessment dated May 7, 2004 that included two additional borings to the southwest of the site.

In a letter dated May 17, 2004, the ACHCS approved the May 7, 2004, workplan with the request that additional borings be considered if soil and groundwater samples indicate significant hydrocarbon contamination. The ACHCS also suggested moving the location of onsite well MW-10 slightly to the west to be more downgradient of the Shell Station. Thrifty has selected GeoHydrologic Consultants, Inc. (GHC) to conduct site assessment activities. GHC has obtained well permits and is in the process of obtaining an encroachment permit from the City of Oakland Public Works Department (COPWD).

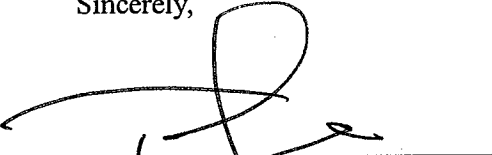
### **Planned Activities**

- The encroachment permit is still being reviewed by the COPWD following comments by Thrifty. Thrifty expects to complete field activities and submit a site assessment report within 75 days following approval of the encroachment permit.
- The groundwater monitoring wells will be monitored and sampled during the first quarter in 2007. All site monitoring/sampling data generated during the next quarter will be reported in the First Quarter 2007 monitoring report.
- In order to better evaluate the groundwater flow direction beneath the site, the groundwater monitoring wells onsite are to be resurveyed. Initially the site/wells resurvey was to be done after the proposed site assessment is completed. Due to the existing encroachment permit process, Thrifty proposes to survey the existing groundwater wells during the first quarter of 2007.

**Closing Comments**

All interpretations expressed in this report are based solely upon data collected by EMC and laboratory analyses conducted by Associated Laboratories. Should you have any questions regarding this report or require any additional information, please contact the undersigned at 949-366-0275 or Jeff Suryakusuma of Thrifty at 562-921-3581/ext. 311.

Sincerely,



Timothy E. Nelligan, P.E.  
Senior Engineer  
Equipoise Corporation





## ***TABLES***

**SUMMARY TABLE  
CURRENT PERIOD GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA, 94612  
T0600101365**

WELL	STATUS	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	ACT	10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	<0.29	<0.17	<0.28	<10	NP	6.99	17.72	0.00	98.03	91.04
MW-2R	ACT	10/18/06	57,600	75	5,730	1,770	7,820	263	<2.9	<1.7	<2.8	174	NP	5.28	16.76	0.00	-	-
MW-3	ACT	10/18/06	75	<0.32	<0.10	1.1 J	1.1 J	47	<0.29	<0.17	2.8	<10	NP	5.72	24.13	0.00	97.69	91.97
MW-4R	ACT	10/18/06	37,000	<32	3,910	1,350	5,770	389	<29	<17	<28	<1000	NP	5.85	19.62	0.00	-	-
MW-5	ACT	10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	<0.29	<0.17	<0.28	<10	NP	6.08	13.76	0.00	98.85	92.77
MW-6	ACT	10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	<0.29	<0.17	<0.28	<10	NP	5.40	13.06	0.00	99.67	94.27
MW-7	ACT	10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	<0.29	<0.17	<0.28	<10	NP	5.13	13.56	0.00	99.02	93.89
RW-1R	ACT	10/18/06	41,500	63	4,710	1,510	6,390	343	<2.9	<1.7	<2.8	209	NP	6.06	19.08	0.00	-	-

NOTE:

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

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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 = 5 to 25 feet</i>											
01/09/92	-	-	-	-	-	-	NP	5.54	0.00	98.03	92.49
04/13/92	-	-	-	-	-	-	NP	5.86	0.00	98.03	92.17
10/05/92	-	-	-	-	-	-	NP	9.39	0.00	98.03	88.64
01/06/93	-	-	-	-	-	-	NP	4.76	0.00	98.03	93.27
04/26/93	-	-	-	-	-	-	NP	4.96	0.00	98.03	93.07
01/04/94	-	-	-	-	-	-	NP	7.00	0.00	98.03	91.03
04/05/94	-	-	-	-	-	-	NP	6.44	0.00	98.03	91.59
10/09/95	44,000	4,500	4,300	1,700	10,000	-	-	-	-	98.03	-
01/08/96	21,000	1,200	150	34	4,800	-	NP	6.15	0.00	98.03	91.88
04/08/96	4,700	80	110	10	910	-	NP	5.40	0.00	98.03	92.63
07/22/96	7,000	280	130	<3	2,100	440	NP	5.50	0.00	98.03	92.53
10/16/96	120	<0.3	<0.3	<0.3	<0.5	180	NP	6.02	0.00	98.03	92.01
01/22/97	160	<0.3	<0.3	<0.3	<0.5	360	NP	4.40	0.00	98.03	93.63
04/21/97	20,000	420	140	5.8	840	55,000	NP	6.30	0.00	98.03	91.73
07/14/97	13,000	<0.3	<0.3	<0.3	<0.55	30,000	NP	5.92	0.00	98.03	92.11
10/07/97	-	-	-	-	-	-	7.70	7.71	0.01	98.03	90.33
01/15/98	<50	0.3	<0.3	<0.3	<0.5	-	NP	4.40	0.00	98.03	93.63
04/23/98	540	<0.3	<0.3	<0.3	<0.5	<20	NP	8.10	0.00	98.03	89.93
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	5.55	0.00	98.03	92.48
10/14/98	50	1.4	0.56	<0.3	11	22	NP	7.05	0.00	98.03	90.98
01/21/99	<50	0.59	<0.3	<0.3	<0.5	<5	NP	4.10	0.00	98.03	93.93
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	4.30	0.00	98.03	93.73
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	5.54	0.00	98.03	92.49
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.13	0.00	98.03	91.90
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.04	0.00	98.03	91.99
04/05/00	<50	<0.25	<0.25	<0.25	<0.5	<5	NP	4.03	0.00	98.03	94.00
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	4.00	0.00	98.03	94.03
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.53	0.00	98.03	92.50
01/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.97	0.00	98.03	94.06
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.98	0.00	98.03	94.05
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.51	0.00	98.03	92.52
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.97	0.00	98.03	94.06
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.95	0.00	98.03	94.08
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	2.42	0.00	98.03	95.61
07/31/02	<50	<0.18	1.3	<0.18	<0.26	<0.24	NP	5.49	0.00	98.03	92.54
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	16	NP	6.13	0.00	98.03	91.90
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	2.45	0.00	98.03	95.58
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	7.02	0.00	98.03	91.01
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.15	0.00	98.03	92.88
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.13	0.00	98.03	92.90

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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)					
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	3.92	0.00	98.03	94.11
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.54	0.00	98.03	93.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	7.01	0.00	98.03	91.02
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.46	0.00	98.03	92.57
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.48	0.00	98.03	92.55
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.99	0.00	98.03	91.04
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.42	0.00	98.03	91.61
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.98	0.00	98.03	91.05
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.56	0.00	98.03	93.47
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	3.93	0.00	98.03	94.10
07/19/06	17,100	21	279	388	2,010	128	NP	5.92	0.00	98.03	92.11
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	33	NP	6.38	0.00	98.03	91.65
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.99	0.00	98.03	91.04
<b>MONITORING WELL #MW-2</b> <i>Screen Interval = 5 to 25 feet</i>											
01/09/92	-	-	-	-	-	-	NP	5.35	0.00	97.44	92.09
04/13/92	-	-	-	-	-	-	NP	7.42	0.00	97.44	90.02
10/05/92	-	-	-	-	-	-	NP	12.15	0.00	97.44	85.29
01/06/93	-	-	-	-	-	-	NP	5.46	0.00	97.44	91.98
04/26/93	-	-	-	-	-	-	NP	5.15	0.00	97.44	92.29
01/04/94	-	-	-	-	-	-	NP	9.45	0.00	97.44	87.99
04/05/94	-	-	-	-	-	-	NP	8.23	0.00	97.44	89.21
10/09/95	33,000	6,000	390	1,700	4,900	-	-	-	-	97.44	-
01/08/96	<50	0.32	<0.3	0.41	2.1	-	NP	5.60	0.00	97.44	91.84
04/08/96	10,000	490	210	210	830	-	NP	5.43	0.00	97.44	92.01
07/22/96	60,000	6,500	1,000	1,500	10,000	8,500	NP	5.65	0.00	97.44	91.79
10/16/96	6,500	12	0.34	0.72	110	4,700	NP	5.82	0.00	97.44	91.62
01/22/97	3,200	<0.3	0.46	0.37	<0.5	8,000	NP	4.30	0.00	97.44	93.14
04/21/97	66,000	5,300	1,000	2,300	14,000	30,000	NP	5.80	0.00	97.44	91.64
07/14/97	17,000	1.8	4.6	4.6	350	24,000	NP	8.92	0.00	97.44	88.52
10/07/97	220,000	5,200	1,700	3,800	15,000	-	NP	6.80	0.00	97.44	90.64
01/19/98	25,000	5.4	2.2	2.1	240	-	NP	8.50	0.00	97.44	88.94
04/23/98	7,700	<0.3	0.55	0.38	4.9	28,000	NP	7.60	0.00	97.44	89.84
07/20/98	430,000	4,200	10,000	5,400	28,000	77,000	NP	6.94	0.00	97.44	90.50
10/14/98	27,000	<0.3	4.5	4.1	4.6	65,000	NP	8.45	0.00	97.44	88.99
01/21/99	16,000	7.6	9.8	4.2	310	* 49,000 / 42,000	NP	6.95	0.00	97.44	90.49
04/15/99	20,000	<0.3	<0.3	<0.3	<0.5	* 31,000 / 30,000	NP	8.45	0.00	97.44	88.99
07/26/99	6,700	<6	<6	<6	<10	* 11,000 / 15,000	NP	6.94	0.00	97.44	90.50
10/13/99	7,600	<3	3.7	<3	11	11,000	NP	5.48	0.00	97.44	91.96
01/20/00	7,500	<6	<6	<6	<10	* 14,000 / 16,000	NP	5.84	0.00	97.44	91.60

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)						
04/05/00	10,400	<0.25	<0.25	<0.25	<0.5	*10,000 / 14,400	NP	5.41	0.00	97.44	92.03	
07/19/00	130	<0.3	<0.3	<0.3	<0.6	*9,620 / 6,520	NP	5.40	0.00	97.44	92.04	
10/18/00	150	<0.18	<0.14	<0.18	<0.26	*9,090 / 6,560	NP	6.91	0.00	97.44	90.53	
01/17/01	75	<0.18	2.0	2.0	3.0	*8,650 / 9,710	NP	5.41	0.00	97.44	92.03	
04/19/01	4,380	<0.18	<0.14	<0.18	<0.26	8,890	NP	5.40	0.00	97.44	92.04	
07/18/01	3,260	<0.18	<0.14	<0.18	2.0	*7960 / 1,710	NP	6.92	0.00	97.44	90.52	
10/10/01	1,760	<0.18	<0.14	<0.18	<0.26	*2,980 / 2,600	NP	3.87	0.00	97.44	93.57	
01/30/02	1,770	<0.18	1.0	1.0	2.0	*2,560 / 1,590	NP	8.45	0.00	97.44	88.99	
04/17/02	1,470	1.0	<0.14	<0.18	<0.26	*2,460 / 2,080	NP	8.45	0.00	97.44	88.99	
07/31/02	3,910	<0.18	1.2	<0.18	2.1	*2,090 / 1,740	NP	9.98	0.00	97.44	87.46	
11/14/02	39,400	1,680	728	173	5,120	8,270	NP	5.40	0.00	97.44	92.04	
01/29/03	22,100	746	76	<1.0	2,840	8,220	NP	8.43	0.00	97.44	89.01	
04/23/03	19,500	<0.8	<0.4	<0.4	<1.2	9,580	NP	5.38	0.00	97.44	92.06	
07/10/03	29,900	<2.2	<3.2	<3.1	<4.0	6,690	NP	5.10	0.00	97.44	92.34	
10/20/03	13,000	4.79	<0.02	<0.02	<0.06	*6,330 / 5,980	NP	5.10	0.00	97.44	92.34	
01/14/04	WELL ABANDONED 01/2004											
<b>MONITORING WELL #MW-2R</b>												
02/03/04							-	-	-	-	-	
04/08/04	11,600	304	16 J	55	427	4,170	NP	4.58	0.00	-	-	
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.72	0.00	-	-	
10/20/04	20,900	3,180	2,970	259	1,240	92	NP	3.72	0.00	-	-	
01/19/05	18,900	537	250	866	2,290	3,340	NP	4.50	0.00	-	-	
04/20/05	13,100	<2.2	<3.2	<3.1	<4.0	563	NP	5.27	0.00	-	-	
07/07/05	2,500	70	7.6	<0.24	160	1,930	-	-	-	-	-	
07/20/05	4,260	392	15 J	175	100	742	NP	6.12	0.00	-	-	
10/19/05	321	<0.32	<0.10	<0.24	<0.30	423	NP	5.28	0.00	-	-	
01/24/06	3,200	34	331	87	510	86	NP	4.58	0.00	-	-	
04/19/06	22,100	440	4,240	234	1,530	195	NP	3.38	0.00	-	-	
07/19/06	15,800	377	629	627	578	530	NP	8.10	0.00	-	-	
09/15/06	-	-	-	-	-	-	-	-	-	-	-	
10/18/06	57,600	75	5,730	1,770	7,820	263	NP	5.28	0.00	-	-	
<b>MONITORING WELL #MW-3</b> <i>Screen Interval = 5 to 25 feet</i>												
01/09/92	-	-	-	-	-	-	NP	17.60	0.00	97.69	80.09	
04/13/92	-	-	-	-	-	-	NP	17.40	0.00	97.69	80.29	
10/05/92	-	-	-	-	-	-	NP	17.35	0.00	97.69	80.34	
01/06/93	-	-	-	-	-	-	NP	17.40	0.00	97.69	80.29	
04/26/93	-	-	-	-	-	-	NP	17.90	0.00	97.69	79.79	
01/04/94	-	-	-	-	-	-	NP	17.60	0.00	97.69	80.09	

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
04/05/94	-	-	-	-	-	-	NP	16.25	0.00	97.69	81.44
01/08/96	-	-	-	-	-	-	NP	7.11	0.00	97.69	90.58
04/08/96	8,800	610	31	530	900	-	NP	7.20	0.00	97.69	90.49
07/22/96	38,000	4,100	1,500	1,600	5,400	2,600	NP	6.82	0.00	97.69	90.87
10/16/96	2,400	<0.3	<0.3	<0.3	<0.5	3,800	NP	6.84	0.00	97.69	90.85
01/22/97	2,200	<0.3	<0.3	<0.3	<0.5	5,500	NP	4.80	0.00	97.69	92.89
04/21/97	15,000	1,500	36	260	710	11,000	NP	9.40	0.00	97.69	88.29
07/14/97	5,400	0.45	<0.3	<0.3	<0.5	14,000	NP	10.92	0.00	97.69	86.77
10/07/97	8,800	0.39	<0.3	<0.3	0.88	-	NP	11.95	0.00	97.69	85.74
01/19/98	22,000	1,300	15	20	310	-	NP	7.85	0.00	97.69	89.84
04/23/98	9,200	3.9	3.1	5.7	9.8	16,000	NP	11.20	0.00	97.69	86.49
07/20/98	750	0.41	1.4	0.47	1.8	2,800	NP	7.36	0.00	97.69	90.33
10/14/98	750	<0.3	<0.3	<0.3	<0.5	15,000	NP	11.95	0.00	97.69	85.74
01/21/99	4,700	0.32	<0.3	<0.3	<0.5	* 12,000 / 16,000	NP	10.45	0.00	97.69	87.24
04/15/99	7,900	0.59	0.69	<0.3	0.94	* 11,000 / 14,000	NP	7.86	0.00	97.69	89.83
07/26/99	5,200	<3	<3	<3	<5	*9,600 / 11,000	NP	10.40	0.00	97.69	87.29
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	7.09	0.00	97.69	90.60
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.86	0.00	97.69	90.83
04/05/00	<50	0.8	<0.25	<0.25	<0.5	*5.6 / <5	NP	8.85	0.00	97.69	88.84
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	8.86	0.00	97.69	88.83
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.32	0.00	97.69	90.37
01/17/01	<50	<0.18	2.0	<0.18	1.0	*39 / 39	NP	5.40	0.00	97.69	92.29
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	8.87	0.00	97.69	88.82
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.32	0.00	97.69	90.37
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	8.87	0.00	97.69	88.82
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.78	0.00	97.69	91.91
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.31	0.00	97.69	90.38
07/31/02	138	1.1	1.2	<0.18	<0.26	<0.24	NP	5.76	0.00	97.69	91.93
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	21	NP	5.73	0.00	97.69	91.96
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	16	NP	7.30	0.00	97.69	90.39
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	16	NP	5.76	0.00	97.69	91.93
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	11	NP	5.63	0.00	97.69	92.06
10/20/03	13,700	4.13	<0.02	<0.02	<0.06	*6,570 / 4,920	NP	5.61	0.00	97.69	92.08
01/14/04	1,160	2.0	2.2	6.1	7.8	*1,510 / 767	NP	4.23	0.00	97.69	93.46
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.48	0.00	97.69	92.21
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.66	0.00	97.69	91.03
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.20	0.00	97.69	93.49
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.74	0.00	97.69	91.95
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	7.23	0.00	97.69	90.46
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.82	0.00	97.69	90.87
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	7.0	NP	7.26	0.00	97.69	90.43

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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)					
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.50	0.00	97.69	92.19
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.72	0.00	97.69	91.97
07/19/06	12,900	539	744	169	296	1,640	NP	5.63	0.00	97.69	92.06
09/15/06	1,750	4.3	68	11	90	502	NP	6.62	0.00	97.69	91.07
10/18/06	75	<0.32	<0.10	1.1 J	1.1 J	47	NP	5.72	0.00	97.69	91.97
<b>MONITORING WELL #MW-4</b> <i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	NP	5.25	0.00	97.33	92.08
04/13/92	-	-	-	-	-	-	NP	6.40	0.00	97.33	90.93
10/05/92	-	-	-	-	-	-	NP	9.95	0.00	97.33	87.38
01/06/93	-	-	-	-	-	-	NP	4.10	0.00	97.33	93.23
04/26/93	-	-	-	-	-	-	NP	4.84	0.00	97.33	92.49
01/04/94	-	-	-	-	-	-	NP	9.05	0.00	97.33	88.28
04/05/94	-	-	-	-	-	-	NP	8.10	0.00	97.33	89.23
10/09/95	63,000	9,000	2,100	2,500	9,600	-	-	-	-	97.33	-
01/08/96	23,000	2,200	830	880	3,600	-	NP	5.57	0.00	97.33	91.76
04/08/96	56,000	5,000	2,500	2,600	11,000	-	NP	5.36	0.00	97.33	91.97
07/22/96	33,000	3,700	1,600	1,400	6,000	2,400	NP	4.80	0.00	97.33	92.53
10/16/96	2,800	7.8	0.60	0.41	52	2,000	NP	5.47	0.00	97.33	91.86
01/22/97	1,400	<0.3	<0.3	<0.3	<0.5	3,100	NP	5.15	0.00	97.33	92.18
04/21/97	-	-	-	-	-	-	5.30	6.36	1.06	97.33	91.77
07/14/97	-	-	-	-	-	-	5.21	5.24	0.03	97.33	92.11
10/07/97	-	-	-	-	-	-	7.80	7.82	0.02	97.33	89.53
01/15/98	-	-	-	-	-	-	6.60	6.68	0.08	97.33	90.71
04/23/98	-	-	-	-	-	-	5.30	6.36	1.06	97.33	91.77
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.05	0.00	97.33	91.28
10/14/98	3,100	86	23	2.0	520	1,100	NP	6.85	0.00	97.33	90.48
01/21/99	9,100	3.2	5.6	1.8	130	* 24,000 / 17,000	NP	6.10	0.00	97.33	91.23
04/15/99	14,000	<0.3	0.71	<0.3	<0.5	* 20,000 / 22,000	NP	6.05	0.00	97.33	91.28
07/26/99	4,500	<6	<6	<6	<10	*8,700 / 9,800	NP	6.07	0.00	97.33	91.26
10/13/99	410	<0.3	0.63	<0.3	<0.5	660	NP	5.54	0.00	97.33	91.79
01/20/00	770	<0.3	<0.3	<0.3	<0.5	*2,400 / 1,900	NP	5.49	0.00	97.33	91.84
04/05/00	61,200	0.9	<0.25	<0.25	<0.5	*18,500 / 21,900	NP	5.30	0.00	97.33	92.03
07/19/00	96,600	1,770	1,760	2,690	8,730	21,900 / 9,740 J	NP	5.29	0.00	97.33	92.04
10/18/00	34,900	698	1,010	607	4,130	*27,800 / 15,900	NP	6.02	0.00	97.33	91.31
01/17/01	29,100	799	930	614	3,400	*24,300 / 31,400	NP	4.88	0.00	97.33	92.45
04/19/01	103,000	4,880	3,980	3,260	11,800	66,900	NP	4.89	0.00	97.33	92.44
07/18/01	52,200	3,320	2,090	440	5,520	*55,500 / 16,800	NP	6.04	0.00	97.33	91.29
10/10/01	8,580	6.1	14	5.3	70	*40,100 / 30,000	NP	4.51	0.00	97.33	92.82
01/30/02	36,500	<0.18	3.0	1.0	3.0	*43,000 / 24,900	NP	4.51	0.00	97.33	92.82

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)						
04/17/02	12,900	8.0	1.0	<0.18	1.0	16,000 / 13,600	NP	4.51	0.00	97.33	92.82	
07/31/02	19,300	<0.18	1.2	1.5	2.6	*13,200 / 10,100	NP	5.26	0.00	97.33	92.07	
11/14/02	36,200	1,720	940	235	6,190	8,280	NP	5.27	0.00	97.33	92.06	
01/29/03	13,000	444	39	<0.4	1,200	8,160	NP	4.50	0.00	97.33	92.83	
04/23/03	7,430	130	5.7	<0.2	387	5,830	NP	4.80	0.00	97.33	92.53	
07/10/03	16,200	<2.2	<3.2	<3.1	<4.0	3,930	NP	4.55	0.00	97.33	92.78	
10/20/03	6,040	672	384	3.4	444	*3,780 / 3,220	NP	4.56	0.00	97.33	92.77	
01/14/04	WELL ABANDONED 01/2004											
<b>MONITORING WELL #MW-4R</b>												
02/03/04							-	-	-	-	-	
04/08/04	37,900	819	424	159	3,190	18,400	NP	4.96	0.00	-	-	
07/21/04	14,500	<2.2	<3.2	<3.1	39 J	18,900	NP	6.60	0.00	-	-	
10/20/04	66,000	6,390	6,560	672	3,290	13,300	NP	3.38	0.00	-	-	
01/19/05	17,600	513	240	855	2,230	3,310	NP	4.32	0.00	-	-	
04/20/05	19,200	190	109	452	974	1,870	NP	4.72	0.00	-	-	
07/07/05	11,500	233	68	369	875	2,350	-	-	-	-	-	
07/20/05	11,300	251	90	154	1,460	1,280	NP	6.08	0.00	-	-	
10/19/05	1,310	<0.32	<0.10	<0.24	<0.30	1,160	NP	5.08	0.00	-	-	
01/24/06	41,300	391	2,310	871	5,430	388	NP	4.98	-	-	-	
04/19/06	26,100	399	1,290	254	3,350	732	NP	4.72	0.00	-	-	
07/19/06	34,500	38	1,120	251	3,950	115	NP	6.84	0.00	-	-	
09/15/06	-	-	-	-	-	-	-	-	-	-	-	
10/18/06	37,000	<0.32	3,910	1,350	5,770	389	NP	5.85	0.00	-	-	
<b>MONITORING WELL #MW-5</b>												
<i>Screen Interval = 4 to 14 feet</i>												
01/09/92	-	-	-	-	-	-	NP	5.32	0.00	98.85	93.53	
04/13/92	-	-	-	-	-	-	NP	4.82	0.00	98.85	94.03	
10/0/92	-	-	-	-	-	-	NP	8.78	0.00	98.85	90.07	
01/06/93	-	-	-	-	-	-	NP	3.46	0.00	98.85	95.39	
04/26/93	-	-	-	-	-	-	NP	4.66	0.00	98.85	94.19	
01/04/94	-	-	-	-	-	-	NP	6.36	0.00	98.85	92.49	
04/05/94	-	-	-	-	-	-	NP	5.94	0.00	98.85	92.91	
07/12/95	<100	<0.5	<0.5	<0.5	<1	-	-	-	-	98.85	-	
10/09/95	440	31	11	19	84	-	-	-	-	98.85	-	
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	6.63	0.00	98.85	92.22	
04/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	5.22	0.00	98.85	93.63	
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.62	0.00	98.85	92.23	
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.12	0.00	98.85	92.73	
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	5.17	0.00	98.85	93.68	



**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
04/21/97	73	2.5	0.34	0.74	3.8	21	NP	6.64	0.00	98.85	92.21
07/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.67	0.00	98.85	92.18
10/07/97	130	<0.3	<0.3	<0.3	<0.5	-	NP	8.20	0.00	98.85	90.65
01/19/98	85	<0.3	<0.3	<0.3	<0.5	-	NP	1.55	0.00	98.85	97.30
04/23/98	220	0.39	<0.3	<0.3	<0.5	350	NP	8.10	0.00	98.85	90.75
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.30	0.00	98.85	92.55
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	7.65	0.00	98.85	91.20
01/21/99	<50	<0.3	<0.3	<0.3	<0.5	*6.7 / <5	NP	6.15	0.00	98.85	92.70
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	1.60	0.00	98.85	97.25
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.13	0.00	98.85	92.72
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.61	0.00	98.85	92.24
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.14	0.00	98.85	92.71
04/05/00	<50	0.5	<0.25	<0.25	<0.5	*5.4 / <5	NP	4.58	0.00	98.85	94.27
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	NP	4.59	0.00	98.85	94.26
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.28	0.00	98.85	92.57
01/17/01	<50	<0.18	<0.14	<0.18	1.0	*5 / 4.8	NP	4.58	0.00	98.85	94.27
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.12	0.00	98.85	92.73
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.48	0.00	98.85	94.37
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.10	0.00	98.85	92.75
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	9	NP	6.11	0.00	98.85	92.74
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	7.1	NP	4.55	0.00	98.85	94.30
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	7.9	NP	3.03	0.00	98.85	95.82
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	7.4	NP	5.25	0.00	98.85	93.60
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	*9.11 / 9.2	NP	5.25	0.00	98.85	93.60
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	*8.2 / 4.1	NP	3.03	0.00	98.85	95.82
04/08/04	797	<0.22	<0.32	<0.31	<0.4	635	NP	4.35	0.00	98.85	94.50
07/21/04	548	<0.22	<0.32	<0.31	<0.4	788	NP	5.56	0.00	98.85	93.29
10/20/04	901	<0.22	<0.32	<0.31	<0.4	734	NP	4.15	0.00	98.85	94.70
01/19/05	350	<0.22	<0.32	<0.31	<0.4	860	NP	4.57	0.00	98.85	94.28
04/20/05	718	<0.22	<0.32	<0.31	<0.4	848	NP	6.10	0.00	98.85	92.75
07/20/05	255	<0.32	<0.10	<0.24	<0.30	274	NP	5.76	0.00	98.85	93.09
10/19/05	225	<0.32	<0.10	<0.24	<0.30	300	NP	6.10	0.00	98.85	92.75
01/24/06	681	<0.32	<0.10	<0.24	<0.30	334	NP	4.34	0.00	98.85	94.51
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.58	0.00	98.85	94.27
07/19/06	3,500	11	584	52	208	<0.63	NP	5.56	0.00	98.85	93.29
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	1.8	NP	5.81	0.00	98.85	93.04
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.08	0.00	98.85	92.77

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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-6</b>											
<i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	NP	6.30	0.00	99.67	93.37
04/13/92	-	-	-	-	-	-	NP	5.47	0.00	99.67	94.20
10/05/92	-	-	-	-	-	-	NP	9.85	0.00	99.67	89.82
01/06/93	-	-	-	-	-	-	NP	4.16	0.00	99.67	95.51
04/26/93	-	-	-	-	-	-	NP	5.75	0.00	99.67	93.92
01/14/94	-	-	-	-	-	-	NP	7.20	0.00	99.67	92.47
04/05/94	-	-	-	-	-	-	NP	6.76	0.00	99.67	92.91
07/10/95	<100	<0.5	0.9	<0.5	1.1	-	-	-	-	99.67	-
10/09/95	250	4.8	5.6	11	58	-	-	-	-	99.67	-
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	6.16	0.00	99.67	93.51
04/08/96	230	4.6	4.7	3.2	33	-	NP	4.60	0.00	99.67	95.07
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	7.30	0.00	99.67	92.37
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	5.82	0.00	99.67	93.85
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	4.40	0.00	99.67	95.27
04/21/97	130	<0.3	<0.3	<0.3	<0.5	<20	NP	7.10	0.00	99.67	92.57
07/14/97	<50	<0.3	<0.3	<0.3	0.70	<20	NP	7.35	0.00	99.67	92.32
10/07/97	<50	0.78	0.3	<0.3	<0.5	-	NP	6.98	0.00	99.67	92.69
01/23/98	<50	<0.3	<0.3	<0.3	<0.5	-	NP	2.35	0.00	99.67	97.32
04/23/98	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.90	0.00	99.67	92.77
07/20/98	<50	<0.3	1.1	<0.3	1.4	<5	NP	5.45	0.00	99.67	94.22
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	4.95	0.00	99.67	94.72
01/21/99	<50	0.35	0.62	<0.3	<0.5	<5	NP	3.90	0.00	99.67	95.77
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	2.35	0.00	99.67	97.32
07/26/99	1,000	<0.3	<0.3	<0.3	<0.5	*2,300 / 3,900	NP	3.93	0.00	99.67	95.74
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	NP	6.15	0.00	99.67	93.52
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*42 / 41	NP	5.84	0.00	99.67	93.83
04/05/00	4,600	338	2.8	1.2	55.2	*282 / 230	NP	3.89	0.00	99.67	95.78
07/19/00	60	1.0	2.0	<0.3	<0.6	*87 / 76	NP	3.07	0.00	99.67	96.60
10/18/00	-	-	-	-	-	-	-	-	-	99.67	-
01/17/01	103	<0.18	2.0	<0.18	3.0	*78 / 106	NP	3.87	0.00	99.67	95.80
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.40	0.00	99.67	94.27
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.40	0.00	99.67	94.27
11/14/02	140	3.2	<0.18	5.2	<0.4	111	NP	5.42	0.00	99.67	94.25
01/29/03	694 J	<0.04	<0.02	<0.02	<0.06	630	NP	3.88	0.00	99.67	95.79
04/23/03	1,550	<0.04	<0.02	<0.02	<0.06	578	NP	3.86	0.00	99.67	95.81

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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)					
07/10/03	1,670	<0.22	<0.32	<0.31	<0.4	509	NP	5.31	0.00	99.67	94.36
10/20/03	1,320	<0.04	<0.02	<0.02	<0.06	*656 / 662	NP	5.30	0.00	99.67	94.37
01/14/04	272	<0.04	<0.02	<0.02	<0.06	*304 / 180	NP	3.82	0.00	99.67	95.85
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.18	0.00	99.67	94.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.42	0.00	99.67	93.25
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.62	0.00	99.67	94.05
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.40	0.00	99.67	94.27
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.41	0.00	99.67	94.26
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.07	0.00	99.67	95.60
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	3.86	0.00	99.67	95.81
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.20	0.00	99.67	94.47
04/19/06	78	<0.32	<0.10	<0.24	<0.30	201	NP	3.87	0.00	99.67	95.80
07/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.54	0.00	99.67	93.13
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.40	0.00	99.67	94.27
<b>MONITORING WELL #MW-7</b> Screen Interval = 4 to 14 feet											
01/09/92	-	-	-	-	-	-	NP	6.30	0.00	99.02	92.72
04/13/92	-	-	-	-	-	-	NP	6.68	0.00	99.02	92.34
10/05/92	-	-	-	-	-	-	NP	9.60	0.00	99.02	89.42
01/06/93	-	-	-	-	-	-	NP	13.90	0.00	99.02	85.12
04/26/93	-	-	-	-	-	-	NP	5.55	0.00	99.02	93.47
01/04/94	-	-	-	-	-	-	NP	7.58	0.00	99.02	91.44
04/05/94	-	-	-	-	-	-	NP	6.66	0.00	99.02	92.36
10/09/95	27,000	2,400	140	1,700	2,700	-	-	-	-	99.02	-
01/08/96	13,000	800	42	540	860	-	NP	6.94	0.00	99.02	92.08
04/08/94	9,100	840	31	690	1,200	-	NP	5.48	0.00	99.02	93.54
07/22/96	11,000	1,700	22	660	700	840	NP	6.60	0.00	99.02	92.42
10/16/96	180	<0.3	<0.3	<0.3	<0.5	270	NP	6.42	0.00	99.02	92.60
01/22/97	130	<0.3	<0.3	<0.3	<0.5	470	NP	5.70	0.00	99.02	93.32
04/21/97	10,000	1,400	27	820	490	1,100	NP	5.30	0.00	99.02	93.72
07/14/97	8,200	660	15	230	270	560	NP	7.90	0.00	99.02	91.12
10/07/97	7,700	480	15	8.4	350	-	NP	7.70	0.00	99.02	91.32
01/19/98	1,400	20	0.74	0.46	4.4	-	NP	6.05	0.00	99.02	92.97
04/23/98	590	<0.3	<0.3	<0.3	<0.5	1,700	NP	7.60	0.00	99.02	91.42
07/20/98	4,900	570	150	300	500	1,500	NP	5.30	0.00	99.02	93.72
10/14/98	1,100	1.0	<0.3	<0.3	5.3	2,000	NP	8.60	0.00	99.02	90.42
01/21/99	570	0.32	<0.3	<0.3	<0.5	* 1,500 / 1,700	NP	6.70	0.00	99.02	92.32
04/15/99	770	<0.3	<0.3	<0.3	<0.5	* 1,400 / 1,200	NP	6.07	0.00	99.02	92.95
07/26/99	500	<0.3	<0.3	<0.3	<0.5	*710 / 950	NP	7.86	0.00	99.02	91.16

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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)					
10/13/99	<50	<0.3	0.44	<0.3	0.62	<5	NP	6.93	0.00	99.02	92.09
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*5 / <5	NP	6.44	0.00	99.02	92.58
04/05/00	5,670	415	19	1.7	60.1	*329 / 194	NP	7.86	0.00	99.02	91.16
07/19/00	1,350	14	<3	<3	10	*237 / 120	NP	7.10	0.00	99.02	91.92
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	*63 / 41.1	NP	5.28	0.00	99.02	93.74
01/17/01	<50	<0.18	<0.14	<0.18	3.0	*57 / 81	NP	5.27	0.00	99.02	93.75
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	66	NP	7.86	0.00	99.02	91.16
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	*9 / 3.5	NP	6.30	0.00	99.02	92.72
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	*9.4 / 7.9	NP	8.23	0.00	99.02	90.79
01/30/02	2,590	40	9.0	8.0	6.0	*45 / 22	NP	5.14	0.00	99.02	93.88
04/17/02	51	<0.18	<0.14	<0.18	<0.26	*58 / 45	NP	5.53	0.00	99.02	93.49
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	*39 / 33	NP	5.93	0.00	99.02	93.09
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	6.8	NP	5.92	0.00	99.02	93.10
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.51	0.00	99.02	93.51
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.14	0.00	99.02	93.88
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.03	0.00	99.02	93.99
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.01	0.00	99.02	94.01
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	4.38	0.00	99.02	94.64
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.86	0.00	99.02	94.16
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.82	0.00	99.02	92.20
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.71	0.00	99.02	93.31
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.77	0.00	99.02	94.25
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.54	0.00	99.02	93.48
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.80	0.00	99.02	92.22
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.89	0.00	99.02	93.13
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.89	0.00	99.02	94.13
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	2.9	NP	5.13	0.00	99.02	93.89
07/19/06	3,430	58	28 J	<2.4	447	528	NP	6.31	0.00	99.02	92.71
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	16	NP	6.72	0.00	99.02	92.30
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.13	0.00	99.02	93.89
<b>MONITORING WELL #RW-1</b>											
01/09/92	-	-	-	-	-	-	NP	14.00	0.00	-	-
04/13/92	-	-	-	-	-	-	NP	14.00	0.00	-	-
10/05/92	-	-	-	-	-	-	NP	15.05	0.00	-	-
01/06/93	-	-	-	-	-	-	NP	5.43	0.00	-	-
04/26/93	-	-	-	-	-	-	NP	13.20	0.00	-	-
01/04/94	-	-	-	-	-	-	NP	14.30	0.00	-	-
04/05/94	-	-	-	-	-	-	NP	14.13	0.00	-	-
01/08/96	-	-	-	-	-	-	NP	14.22	0.00	-	-

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)						
04/08/96	-	-	-	-	-	-	NP	14.33	0.00	-	-	
07/22/96	8,100	530	84	120	860	-	NP	14.27	0.00	-	-	
10/16/96	-	-	-	-	-	-	NP	13.10	0.00	-	-	
01/22/97	-	-	-	-	-	-	NP	16.97	0.00	-	-	
10/07/97	-	-	-	-	-	-	NP	14.20	0.00	-	-	
01/15/98	-	-	-	-	-	-	NP	15.60	0.00	-	-	
04/23/98	81,000	0.72	1.4	3.2	5.7	270,000	NP	14.20	0.00	-	-	
07/20/98	-	-	-	-	-	-	NP	14.30	0.00	-	-	
10/14/98	-	-	-	-	-	-	NP	11.20	0.00	-	-	
01/21/99	-	-	-	-	-	-	-	-	-	-	-	
04/15/99	-	-	-	-	-	-	NP	13.10	0.00	-	-	
07/26/99	4,400	<3	<3	<3	<5	*6,800 / 9,000	NP	13.83	0.00	-	-	
10/13/99	-	-	-	-	-	-	-	-	-	-	-	
01/20/00	-	-	-	-	-	-	NP	13.22	0.00	-	-	
04/05/00	-	-	-	-	-	-	-	-	-	-	-	
07/19/00	-	-	-	-	-	-	NP	13.25	0.00	-	-	
10/18/00	-	-	-	-	-	-	NP	11.14	0.00	-	-	
01/17/01	-	-	-	-	-	-	NP	11.12	0.00	-	-	
04/19/01	-	-	-	-	-	-	-	-	-	-	-	
07/18/01	-	-	-	-	-	-	NP	11.20	0.00	-	-	
10/10/01	-	-	-	-	-	-	NP	11.20	0.00	-	-	
01/30/02	-	-	-	-	-	-	NP	12.30	0.00	-	-	
04/17/02	-	-	-	-	-	-	NP	14.30	0.00	-	-	
07/31/02	-	-	-	-	-	-	NP	14.21	0.00	-	-	
11/14/02	-	-	-	-	-	-	NP	14.13	0.00	-	-	
01/29/03	-	-	-	-	-	-	NP	13.12	0.00	-	-	
04/23/03	-	-	-	-	-	-	-	No Access	-	-	-	
07/10/03	-	-	-	-	-	-	-	No Access	-	-	-	
10/20/03	-	-	-	-	-	-	-	No Access	-	-	-	
01/14/04	WELL ABANDONED 01/2004											
<b>MONITORING WELL #RW-1R</b>												
02/03/04							-	-	-	-	-	
04/08/04	6,740	42	32 J	<3.1	1,160	239	NP	4.76	0.00	-	-	
07/21/04	118	<0.22	<0.32	<0.31	<0.4	107	NP	6.85	0.00	-	-	
10/20/04	29,900	3,850	4,010	381	1,920	103	NP	4.28	0.00	-	-	
01/19/05	13,400	272	243	24 J	2,230	2,110	NP	4.54	0.00	-	-	
04/20/05	1,220	<0.22	<0.32	<0.31	<0.4	1,580	NP	4.95	0.00	-	-	
07/07/05	6,490	410	74	84	620	2,560	-	-	-	-	-	
07/20/05	4,900	133	52	<2.4	750	465	NP	6.32	0.00	-	-	
10/19/05	572	<0.32	<0.10	<0.24	<0.30	417	NP	5.68	0.00	-	-	

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #049, 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)					
01/24/06	14,500	192	1,150	342	2,980	432	NP	4.78	0.00	-	-
04/19/06	7,430	94	411	<2.4	1,820	571	NP	4.94	0.00	-	-
07/19/06	5,020	55	17 J	<2.4	457	636	NP	7.10	0.00	-	-
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	41,500	63	4,710	1,510	6,390	343	NP	6.06	0.00	-	-

**NOTE:** \* MTBE 8020 / 8260  
 ND = Nondetectable  
 NP = No free hydrocarbon product  
 " - " = Not analyzed / Not available

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020.  
 Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline  
 Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020 or 8260  
 On 7/21/04, 4/08/04, 7/10/03 & 11/14/02, BTEX and MTBE done by 8260B

**TABLE 2  
 ADDITIONAL GROUNDWATER DATA  
 THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIBP (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
<b>MONITORING WELL #MW-1</b>						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	<0.28	12	<20	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20	<20
07/19/06	<2.9	<1.7	<2.8	<100	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
<b>MONITORING WELL #MW-2</b>						
11/14/02	<2.0	<1.2	111	341	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<2.9	<1.7	59	449	-	-
10/20/03	-	-	-	-	-	-
<b>WELL ABANDONED 01/2004</b>						
<b>MONITORING WELL #MW-2R</b>						
02/03/04	<0.29	<0.17	76	1,610	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	37	1,130	-	-
07/20/05	<0.29	<0.17	95	151	<20	<20
10/19/05	<0.29	<0.17	13	33	<20	<20
01/24/06	<0.29	<0.17	<0.28	42	<20	<20
04/19/06	<5.8	<3.4	<5.6	<200	<20	<20
07/19/06	<2.9	<1.7	68	113	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<0.29	<0.17	<0.28	174	-	-
<b>MONITORING WELL #MW-3</b>						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20	<20

**TABLE 2  
ADDITIONAL GROUNDWATER DATA  
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIBP (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
07/19/06	<2.9	<1.7	173	128	-	-
09/15/06	<0.29	<0.17	38	<10	-	-
10/18/06	<0.29	<0.17	2.8	<10	-	-
<b>MONITORING WELL # MW-4</b>						
11/14/02	<2.0	<1.2	106	281	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<2.9	<1.7	35	<100	-	-
10/20/03	-	-	-	-	-	-
WELL ABANDONED 01/30/04						
<b>MONITORING WELL # MW-4R</b>						
02/03/04	<0.29	<0.17	209	1,350	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	57	167	-	-
07/20/05	<0.29	<0.17	<0.28	369	<20	<20
10/19/05	<0.29	<0.17	39	335	<20	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20	<20
04/19/06	<2.9	<1.7	36	231	<20	<20
07/19/06	<2.9	<1.7	<2.8	<100	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
<b>MONITORING WELL # MW-5</b>						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	1.4	<10	<20	<20
01/24/06	<0.29	<0.17	1.2	19	<20	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20	<20
07/19/06	<0.29	<0.17	<0.28	<10	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
<b>MONITORING WELL # MW-6</b>						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	2.1	38	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-



**TABLE 2  
 ADDITIONAL GROUNDWATER DATA  
 THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPB (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20	<20
04/19/06	<0.29	<0.17	<0.28	13	<20	<20
07/19/06	<0.29	<0.17	<0.28	<10	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-

**MONITORING WELL # MW-7**

11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20	<20
07/19/06	<2.9	<1.7	25	216	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-

**MONITORING WELL # RW-1R**

02/03/04	<0.29	<0.17	53	1,370	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	71	1,740	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20	<20
10/19/05	<0.29	<0.17	9.6	65	<20	<20
01/24/06	<2.9	<1.7	<2.8	156	<20	<20
04/19/06	<2.9	<1.7	11	206	<20	<20
07/19/06	<2.9	<1.7	<2.8	217	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<0.29	<0.17	<0.28	209	-	-

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

**TABLE 3**  
**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)					
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE
4/8/1991	1,310	0	-	-	<0.3	<0.3	<0.3	<0.9	-	910	2000	160	2000	-
4/15/1991	1,434	124	18	-	<0.3	<0.3	<0.3	<0.3	-	2800	4600	310	5000	-
4/22/1991	1,510	200	11	-	<15	<15	<15	<45	-	3100	3300	<15	2800	-
4/29/1991	1,660	350	21	-	<0.3	<0.3	<0.3	<0.9	-	3600	4500	300	5000	-
5/6/1991	1,740	430	11	-	<0.3	<0.3	<0.3	<0.9	-	3600	3500	300	3800	-
5/13/1991	1,880	570	20	-	<0.3	<0.3	<0.3	<0.9	-	3300	3200	230	3900	-
5/20/1991	2,010	700	19	-	<0.3	<0.3	<0.3	<0.9	-	3300	3400	260	5100	-
5/28/1991	2,050	740	5	-	<0.3	<0.3	<0.3	<0.9	-	2900	3000	230	4200	-
6/3/1991	2,110	800	10	-	<0.3	<0.3	<0.3	<0.9	-	2500	2100	110	2800	-
6/10/1991	2,160	850	7	-	<0.3	<0.3	<0.3	<0.9	-	1800	1700	120	2100	-
6/17/1991	2,219	909	8	-	<0.3	<0.3	<0.3	<0.9	-	2100	1900	170	2700	-
6/24/1991	2,263	953	6	-	<0.3	<0.3	<0.3	<0.9	-	2100	1800	150	2700	-
07/01/91	2,313	1,003	7	-	<0.5	<0.5	<1	<1	-	2,700	2,000	150	2,900	-
07/08/91	2,700	1,390	55	-	<0.5	<0.5	<1	<1	-	4,000	2,500	130	4,400	-
07/15/91	2,872	1,562	25	-	<0.5	<0.5	<1	<1	-	3,100	1,900	140	3,200	-
07/22/91	3,144	1,834	39	-	<0.5	<0.5	<1	<1	-	3,400	2,100	110	2,800	-
07/29/91	3,220	1,910	11	-	<0.5	<0.5	<1	<1	-	5,100	2,200	180	2,700	-
08/05/91	3,348	2,038	18	-	<0.5	<0.5	<1	<1	-	5,100	3,900	400	4,200	-
08/12/91	3,472	2,162	18	-	<0.5	<0.5	<1	<1	-	11,000	6,200	440	8,400	-
08/19/91	3,548	2,238	11	-	<0.5	<0.5	<1	<1	-	4,500	2,400	130	2,600	-
08/26/91	3,655	2,345	15	-	<0.5	<0.5	<1	<1	-	4,400	2,500	260	3,600	-
09/09/91	3,822	2,512	12	-	<0.5	<0.5	<1	<1	-	5,200	3,000	390	3,700	-
09/16/91	3,884	2,574	9	-	<0.5	<0.5	<1	<1	-	4,100	2,000	460	4,900	-
09/23/91	4,013	2,703	18	-	<0.5	<0.5	<1	<1	-	4,600	1,600	710	6,400	-
09/30/91	4,092	2,782	11	-	<0.5	<0.5	<1	<1	-	5,700	2,000	380	6,200	-
10/07/91	4,131	2,821	6	System shut down						-				-
10/14/91	4,195	2,885	9	-	<0.5	<0.5	<1	<1	-	4,400	2,000	370	8,100	-
10/21/91	4,406	3,096	30	-	<0.5	<0.5	<1	<1	-	2,300	1,100	190	4,200	-
10/28/91	4,474	3,164	10	-	<0.5	<0.5	<1	<1	-	6,400	4,100	620	6,100	-
11/03/91	4,613	3,303	23	-	<0.5	<0.5	<1	<1	-	6,100	2,800	200	5,600	-
11/11/91	4,700	3,390	11	-	<0.5	<0.5	<1	<1	-	6,500	2,300	<30	4,900	-
11/18/91	4,887	3,577	27	-	<0.5	<0.5	<1	<1	-	5,800	2,500	300	4,600	-
11/25/91	5,042	3,732	22	-	<0.5	<0.5	<1	<1	-	5,400	2,800	230	5,700	-
12/03/91	5,263	3,953	28	-	<0.5	<0.5	<1	<1	-	7,200	3,300	490	5,500	-

**TABLE 3**  
**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)						
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE	
12/09/91	5,362	4,052	17	-	<0.5	<0.5	<1	<1	-	4,400	1,700	140	3,900	-	
12/16/91	5,486	4,176	18	-	<0.5	<0.5	<0.5	<0.5	-	4,700	2,300	310	4,600	-	
12/23/91	5,516	4,206	4	-	<0.5	<0.5	<0.5	<0.5	-	4,000	2,200	290	5,900	-	
12/30/91	5,575	4,265	8	-	<0.5	<0.5	<0.5	<0.5	-	5,200	2,500	350	5,800	-	
01/15/92	5,720	4,410	9	-	<0.5	<0.5	<0.5	<0.5	-	3,400	1,900	300	6,300	-	
02/10/92	6,264	4,954	21	-	<0.5	<0.5	<0.5	<0.5	-	5,800	2,800	320	7,200	-	
03/09/92	8,520	7,210	81	<200	<0.5	1.6	<0.5	<0.5	47,000	7,100	4,800	630	10,300	-	
04/13/92	22,888	21,578	411	<200	<0.5	<0.5	<0.5	<0.5	29,000	4,500	2,200	160	4,800	-	
05/11/92	24,920	23,610	73	<200	<0.5	<0.5	<0.5	<0.5	22,000	4,300	1,500	130	3,800	-	
06/01/92	28,330	27,020	162	<200	<0.5	<0.5	<0.5	<0.5	18,000	3,400	1,500	660	4,200	-	
07/13/92	72,675	27,020	-	-	<0.5	<0.5	<0.5	<0.5	-	1,800	750	150	5,600	-	
07/13/92	72,675	27,020	-	The system pumped air and flowmeter jumped from 30,000 gallons to 70,000					-	-	-	-	-	-	-
08/17/92	75,046	29,391	68	-	<0.5	<0.5	<0.5	<0.5	-	1,100	350	200	1,100	-	
09/14/92	75,582	29,927	19	-	<0.5	<0.5	<0.5	<1	-	2,100	520	<25	3,500	-	
10/05/92	75,680	30,025	5	<200	<0.5	<0.5	<0.5	<1	19,000	1,700	270	<25	4,000	-	
11/09/92	77,280	31,625	46	-	<0.5	<0.5	<0.5	<0.5	-	4,000	1,400	120	5,900	-	
12/14/92	79,420	33,765	61	-	<0.5	<0.5	<0.5	<1	-	7,300	4,900	1,800	16,000	-	
01/04/93	84,720	39,065	252	-	<0.5	<0.5	<0.5	<1	-	5,400	2,100	450	7,800	-	
02/15/93	102,689	57,034	428	<200	<0.5	<0.5	<0.5	<1	41,000	6,600	3,200	260	9,600	-	
02/22/93	146,430	57,034	-	The system pumped air and flowmeter jumped from 102,689 gallons to 146,					-	-	-	-	-	-	-
03/08/93	147,500	58,104	76	-	<0.5	<0.5	<0.5	<1	-	7,400	3,400	56	11,000	-	
04/26/93	151,200	61,804	76	<100	<0.5	<0.5	<0.5	<1	36,000	4,300	2,200	420	8,300	-	
04/26/93	151,200	61,804	-	Shut down system for repair					-	-	-	-	-	-	-
07/21/93	151,240	61,844	0	Restart the system					-	-	-	-	-	-	-
08/11/93	151,650	62,254	20	-	<0.5	<0.5	<0.5	<1	-	6,500	2,300	390	6,200	-	
09/16/93	154,005	64,609	65	<60	<0.3	<0.3	<0.3	<0.6	43,000	2,300	320	<4.4	2,900	-	
10/04/93	154,896	65,500	50	<60	<0.3	<0.3	<0.3	<0.6	33,000	2,900	470	6.9	3,500	-	
11/05/93	157,431	68,035	79	<50	<0.3	<0.3	<0.3	<0.5	15,000	1,100	27	<0.3	920	-	
12/03/93	159,324	69,928	68	<50	<0.3	<0.3	<0.3	<0.5	16,000	1,100	88	<6.6	2,300	-	
01/06/94	166,440	77,044	209	-	<0.3	<0.3	<0.3	<0.5	-	3,800	730	<13	1,200	-	
02/03/94	170,720	81,324	153	-	<0.3	<0.3	<0.3	<0.5	-	3,600	610	<4.4	4,800	-	
03/03/94	178,168	88,772	266	-	<0.3	<0.3	<0.3	<0.5	-	2,800	2,000	270	3,400	-	
04/07/94	185,670	96,274	214	<50	<0.3	<0.3	<0.3	<0.5	26,000	2,200	550	<6.6	1,900	-	
05/12/94	188,840	99,444	91	<50	<0.3	<0.3	<0.3	<0.5	4,600	100	10	8.4	280	-	

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**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)					
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE
06/16/94	194,680	105,284	167	<50	<0.3	<0.3	<0.3	<0.5	<50	<0.3	<0.3	<0.3	<0.5	-
07/11/94	199,135	109,739	178	<50	<0.3	<0.3	<0.3	<0.5	4,000	220	<2.6	<2.6	320	-
08/04/94	200,910	111,514	74	<50	<0.3	<0.3	<0.3	<0.5	7,800	480	6.2	<0.3	630	-
09/15/94	203,450	114,054	60	<50	<0.3	<0.3	<0.3	<0.5	3,200	150	2.4	2.6	170	-
10/10/94	205,210	115,814	70	<50	<0.3	<0.3	<0.5	<0.5	1,300	8.6	1.5	1.1	15	-
11/07/94	206,060	116,664	30	<50	<0.3	<0.3	<0.5	<0.5	170	1.5	<0.3	<0.5	0.5	-
12/05/94	207,093	117,697	37	<50	<0.3	<0.3	<0.5	<0.5	75	1.3	<0.3	<0.5	<0.5	-
01/09/95	207,293	117,697	6	<50	<0.3	<0.3	<0.5	<0.5	<50	<0.3	<0.3	<0.5	<0.5	-
02/01/95	207,650	118,254	16	<50	<0.3	<0.3	<0.5	<0.5	<50	<0.3	<0.3	<0.5	<0.5	-
02/06/95	207,810	118,414	32	<50	<0.3	<0.3	<0.5	<0.5	<50	2.7	<0.3	<0.5	<0.5	-
03/10/95	208,430	119,034	19	<100	<0.5	<0.5	<0.5	<1	<100	<0.5	<0.5	<0.5	<1	-
04/10/95	208,564	119,168	4	<100	<0.5	<0.5	<0.5	<1	3,300	180	7.6	2.1	150	-
05/08/95	208,608	119,212	2	<100	<0.5	<0.5	<0.5	<1	11,000	640	9.2	<5	1,100	-
06/05/95	208,926	119,530	11	<100	<0.5	<0.5	<0.5	<1	5,100	270	2.2	<0.5	49	-
07/10/95	214,182	124,786	150	<100	<0.5	<0.5	<0.5	<1	13,000	1,600	120	24	1,300	-
08/07/95	221,876	132,480	275	Shut down system for repair					-	-	-	-	-	-
08/28/95	221,997	132,601	6	Restart the system					-	-	-	-	-	-
09/06/95	222,003	132,607	1	<100	<0.5	<0.5	<0.5	<1	2,300	<0.5	<0.5	<0.5	<1	-
10/09/95	222,343	132,947	10	<100	<0.5	<0.5	<0.5	<1	2,000	5.6	0.77	0.66	3.8	-
11/06/95	222,704	133,308	13	<50	0.3	0.31	<0.3	0.68	3,000	27	1.7	3.7	48	-
12/11/95	223,792	134,396	31	<50	<0.3	<0.3	<0.3	<0.5	<50	<0.3	<0.3	<0.3	0.96	-
01/08/96	224,661	135,265	31	970	<0.3	<0.3	<0.3	0.67	1,800	39	<0.3	<0.3	<0.5	-
02/12/96	227,812	138,416	90	<50	10	0.37	<0.3	0.53	3,300	190	<7.5	<7.5	20	-
03/12/96	229,301	139,905	51	<50	<0.3	<0.3	<0.3	<0.5	2,700	250	2.3	<1.5	<2.5	-
04/08/96	242,320	152,924	482	<50	<0.3	<0.3	<0.3	<0.5	1,000	90	5	<0.3	67	-
05/06/96	247,840	158,444	197	100	<0.3	<0.3	<0.3	<0.5	15,000	2,200	600	32	2,400	-
06/03/96	248,423	159,027	21	Shut down system for carbon change					-	-	-	-	-	-
08/08/96	248,423	159,027	-	Start-up system					-	-	-	-	-	-
08/20/96	248,630	159,234	17	<50	<0.3	<0.3	<0.3	<0.5	2,100	24	<0.3	<0.3	49	-
09/23/96	259,030	169,634	306	<50	<0.3	<0.3	<0.3	<0.5	4,100	260	<3	<3	34	-
10/16/96	263,610	174,214	199	<50	<0.3	<0.3	<0.3	<0.5	2,700	220	3.8	<0.6	44	-
11/19/96	263,986	174,590	11	<50	<0.3	<0.3	<0.3	<0.5	1,200	<0.3	<0.3	<0.3	<0.5	-
12/16/96	264,210	174,814	8	<50	<0.3	<0.3	<0.3	1.5	29,000	410	2,300	120	1,100	-
01/22/97	266,220	176,824	54	<50	<0.3	<0.3	<0.3	<0.5	68,000	<0.3	<0.3	<0.3	<0.5	-

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**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)					
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE
02/24/97	267,030	177,634	25	<50	<0.3	<0.3	<0.3	<0.5	51,000	3,500	3,200	390	2,200	-
03/17/97	267,230	177,834	10	<50	<0.3	<0.3	<0.3	<0.5	89,000	<6	11	<6	14	-
04/21/97	267,415	178,019	5	<50	<0.3	<0.3	<0.3	<0.5	61,000	730	18	130	360	-
05/22/97	276,535	187,139	294	<50	<0.3	<0.3	<0.3	<0.5	850	1.3	<0.3	0.4	4.6	-
06/23/97	281,214	191,818	146	-	-	-	-	-	-	-	-	-	-	-
07/14/97	284,210	194,814	143	<50	<0.3	<0.3	<0.3	<0.5	6,800	<0.3	0.59	<0.3	9	-
08/18/97	298,610	209,214	411	-	-	-	-	-	-	-	-	-	-	-
09/15/97	301,043	211,647	87	-	-	-	-	-	-	-	-	-	-	-
10/07/97	333,480	244,084	1,474	<50	<0.3	<0.3	<0.3	<0.5	94,000	<0.3	<0.3	<0.3	<0.5	-
11/17/97	334,286	244,890	20	-	-	-	-	-	-	-	-	-	-	-
12/08/97	334,382	244,986	5	-	-	-	-	-	-	-	-	-	-	-
12/12/97	334,382	244,986	-	Shut down system due to stolen equipment					-	-	-	-	-	-
04/08/98	334,382	244,986	-	<50	<0.3	<0.3	<0.3	<0.5	3,100	12	1	<0.3	490	2,600
05/11/98	334,382	244,986	-	-	-	-	-	-	-	-	-	-	-	-
06/22/98	334,382	244,986	-	-	-	-	-	-	-	-	-	-	-	-
07/20/98	334,382	244,986	-	<50	<0.3	<0.3	<0.3	<0.5	52,000	8	0.52	0.83	1.5	-
08/03/98	346,521	257,125	867	Shut down system for carbon canisters replacement					-	-	-	-	-	-
09/17/98	354,985	265,589	188	-	-	-	-	-	-	-	-	-	-	-
10/14/98	358,015	268,619	112	<50	<0.3	<0.3	<0.3	1.6	3,100	45	13	3.5	350	-
11/05/98	359,600	270,204	72	System shut down due to vandalism and stolen equipment					-	-	-	-	-	-
11/20/98	359,600	270,204	-	Restart					-	-	-	-	-	-
12/11/98	369,452	280,056	469	-	-	-	-	-	-	-	-	-	-	-
12/24/98	-	280,056	-	No reading, meter broken					-	-	-	-	-	-
01/15/99	0	280,056	-	Replaced Flowmeter started at 0					-	-	-	-	-	-
01/21/99	986	281,042	164	57	<0.3	<0.3	<0.3	0.76	380	6.2	1	<0.3	9.1	-
02/12/99	1,971	282,027	45	-	-	-	-	-	-	-	-	-	-	-
03/12/99	4,390	284,446	86	-	-	-	-	-	-	-	-	-	-	-
04/15/99	8,595	288,651	124	<50	<0.3	<0.3	<0.3	<0.5	410	1.6	0.78	<0.3	5	*580 / 330
05/04/99	9,410	289,466	43	-	-	-	-	-	-	-	-	-	-	-
05/18/99	9,410	289,466	-	Shut down system for pump controller repair by manufacturer					-	-	-	-	-	-
09/20/99	9,411	289,467	0	Restart the system					-	-	-	-	-	-
09/24/99	9,412	289,468	0	-	-	-	-	-	-	-	-	-	-	-
10/13/99	9,510	289,566	5	<50	<0.3	<0.3	<0.3	<0.5	6,000	<0.3	<0.3	<0.3	<0.5	13,000
11/12/99	9,702	289,758	6	-	-	-	-	-	-	-	-	-	-	-

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Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)							
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE		
12/17/99	9,894	289,950	5	-	-	-	-	-	-	-	-	-	-	-	-	
01/20/00	10,052	290,108	5	<50	<0.3	<0.3	<0.3	<0.5	<50	<0.3	<0.3	<0.3	<0.5	-	-	
02/17/00	10,157	290,213	4	-	-	-	-	-	-	-	-	-	-	-	-	
03/13/00	10,355	290,411	8	-	-	-	-	-	-	-	-	-	-	-	-	
04/05/00	10,546	290,602	8	72.7	1.8	4.1	0.7	6.7	119,000	2,360	6,440	6,240	25,200	*30,800 / 21,800	-	
05/19/00	11,072	291,128	12	Shut down system for carbon drum replacement					-	-	-	-	-	-	-	-
06/05/00	11,075	291,131	0	Restart the system					-	-	-	-	-	-	-	-
06/14/00	11,132	291,188	6	<50	<0.3	<0.3	<0.3	<0.6	<1,000	<6	<6	<6	14	24,500	-	
07/06/00	11,362	291,418	10	Shut down system for carbon replacement					-	-	-	-	-	-	-	-
07/17/00	0	291,418	-	Restart the system after carbon change, repipe and flowmeter change (starting at 0.0)					-	-	-	-	-	-	-	-
07/24/00	411	291,829	59	<50	<0.3	<0.3	<0.3	<0.6	205	<0.3	1	<0.3	<0.6	*99 / 104	-	
08/21/00	8,193	299,611	278	-	-	-	-	-	-	-	-	-	-	-	-	
09/18/00	27,251	318,669	681	-	-	-	-	-	-	-	-	-	-	-	-	
10/18/00	54,280	345,698	901	<50	<0.18	<0.14	<0.18	<0.26	357,000	2,380	2,960	1,290	6,850	9,630	-	
10/30/00	64,610	356,028	861	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/00	79,870	371,288	545	-	-	-	-	-	-	-	-	-	-	-	-	
12/22/00	99,240	390,658	775	-	-	-	-	-	-	-	-	-	-	-	-	
01/17/01	101,250	392,668	77	<50	<0.18	<0.14	<0.18	<0.26	24,700	783	373	2	3,480	15,000	-	
02/23/01	144,120	435,538	1,159	-	-	-	-	-	-	-	-	-	-	-	-	
03/30/01	195,400	486,818	1,465	-	-	-	-	-	-	-	-	-	-	-	-	
04/06/01	199,090	490,508	527	System shut down for carbon replacement; Replaced on 4/11/01, restart on 4/13/01.					-	-	-	-	-	-	-	
04/20/01	207,050	498,468	569	88	<0.18	<0.14	<0.18	<0.26	36,500	855	716	659	1,570	11,400	-	
04/27/01	210,640	502,058	513	System shut down for repair/replacement of compressor's pressure switch and exhaust valve					-	-	-	-	-	-	-	-
04/30/01	210,640	502,058	-	320	<0.18	<0.14	<0.18	<0.26	7,620	268	22	10	124	*13,600/9,130	-	
05/11/01	210,640	502,058	-	Replaced pressure switch on 5/7/01, system still off for carbon replacement.					-	-	-	-	-	-	-	-
05/21/01	210,640	502,058	-	Restart the system					-	-	-	-	-	-	-	-
05/30/01	226,830	518,248	1,799	<50	<0.18	<0.14	<0.18	<0.26	96,600	4,980	1,660	2,770	11,300	*53,800/41,600	-	
06/29/01	267,230	558,648	1,347	-	-	-	-	-	-	-	-	-	-	-	-	
07/11/01	310,010	601,428	3,565	<50	<0.18	<0.14	<0.18	<0.26	162,000	<0.18	4,140	4,760	24,000	<0.24	-	
08/17/01	441,270	732,688	3,548	-	-	-	-	-	-	-	-	-	-	-	-	
09/28/01	498,310	789,728	1,358	-	-	-	-	-	-	-	-	-	-	-	-	
10/03/01	503,930	795,348	1,124	<50	<0.18	<0.14	<0.18	<0.26	31,600	<1.8	150	294	5,280	<2.4	-	
11/12/01	664,700	956,118	4,019	-	-	-	-	-	-	-	-	-	-	-	-	
12/28/01	706,300	997,718	904	-	-	-	-	-	-	-	-	-	-	-	-	

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Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)						
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE	
01/11/02	721,050	1,012,468	1,054	System shut down for carbon replacement					-	-	-	-	-	-	-
01/21/02	721,050	1,012,468	-	Restart the system					-	-	-	-	-	-	-
02/01/02	731,320	1,022,738	934	<100	<0.3	<0.3	<0.3	<0.6	1,172	1	1	1	6	<5	
02/22/02	751,340	1,042,758	953	-	-	-	-	-	-	-	-	-	-	-	
03/27/02	813,240	1,104,658	1,876	-	-	-	-	-	-	-	-	-	-	-	
04/12/02	835,170	1,126,588	1,371	<50	<0.18	<0.14	<0.18	<0.26	12,100	5	1	<0.18	<0.26	18,400	
04/26/02	918,670	1,210,088	5,964	System shut down					-	-	-	-	-	-	
05/10/02	918,680	1,210,098	1	Restart					-	-	-	-	-	-	
05/17/02	928,670	1,220,088	1,427	-	-	-	-	-	-	-	-	-	-	-	
06/03/02	-	-	-	<50	<0.18	<0.14	<0.18	<0.26	Split-sample results during EBMUD inspection & sampling						
06/07/02	971,240	1,262,658	2,027	-	-	-	-	-	-	-	-	-	-	-	
06/28/02	1,012,150	1,303,568	1,948	-	-	-	-	-	-	-	-	-	-	-	
07/15/02	1,045,670	1,337,088	1,972	<50	<0.18	<0.14	<0.18	<0.26	10,600	<0.18	<0.14	<0.18	<0.26	10,000	
07/31/02	1,052,380	1,343,798	419	System shut down for carbon replacement					-	-	-	-	-	-	
08/16/02	1,052,390	1,343,808	1	Restart					-	-	-	-	-	-	
08/30/02	1,057,310	1,348,728	351	-	-	-	-	-	-	-	-	-	-	-	
09/20/02	1,061,730	1,353,148	210	<50	<0.1	<0.15	<0.06	-	Split-sample results during EBMUD inspection & sampling						
09/27/02	1,064,020	1,355,438	327	-	-	-	-	-	-	-	-	-	-	-	
10/04/02	1,069,130	1,360,548	730	<50	<0.18	<0.14	<0.18	<0.26	4,500 J	<0.18	<0.14	<0.18	<0.26	2,570	
10/25/02	1,082,500	1,373,918	637	-	-	-	-	-	-	-	-	-	-	-	
11/29/02	1,108,680	1,400,098	748	-	-	-	-	-	-	-	-	-	-	-	
12/27/02	1,123,890	1,415,308	543	-	-	-	-	-	-	-	-	-	-	-	
01/03/03	1,128,910	1,420,328	717	System shut down for carbon replacement					-	-	-	-	-	-	
01/10/03	1,128,970	1,420,388	9	Restart					-	-	-	-	-	-	
01/17/03	1,132,560	1,423,978	513	<50	<0.14	<0.07	<0.08	1.1	32,400	11	64	<0.8	6,050	706	
01/31/03	1,143,290	1,434,708	766	<15	<0.04	0.58	<0.02	1.1	22,700	14	34	18	5,160	550	
02/14/03	1,153,670	1,445,088	741	System shut down for carbon replacement					-	-	-	-	-	-	
04/04/03	1,153,670	1,445,088	-	System kept off and dismantled for upgrade					-	-	-	-	-	-	
06/18/04	0.0	1,445,088	-	Startup of upgraded system					-	-	-	-	-	-	
06/21/04	2,322.2	1,447,410	774	-	<0.22	<0.32	<0.31	<0.4	-	-	-	-	-	-	
06/23/04	3,361.0	1,448,449	519	-	<0.14	<0.16	<0.18	<0.45	-	-	-	-	-	-	
06/25/04	4,398.0	1,449,486	519	-	<0.14	<0.16	<0.18	<0.45	-	-	-	-	-	-	
07/01/04	6,395.7	1,451,484	333	-	-	-	-	-	-	-	-	-	-	-	
07/09/04	8,606.5	1,453,695	276	-	-	-	-	-	-	-	-	-	-	-	

**TABLE 3**  
**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)						
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE	
07/19/04	11,130.0	1,456,218	252	-	-	-	-	-	-	-	-	-	-	-	-
07/29/04	11,346.0	1,456,434	22	-	-	-	-	-	-	-	-	-	-	-	-
08/09/04	12,511.0	1,457,599	106	-	-	-	-	-	27,000	201	247	< 0.18	2,060	11,300	-
08/30/04	19,294.0	1,464,382	323	-	-	-	-	-	-	-	-	-	-	-	-
09/03/04	20,211.0	1,465,299	229	-	< 0.14	< 0.16	< 0.18	< 0.45	18,900	280	290	27	3,600	9,810	-
09/21/04	24,766.0	1,469,854	253	-	-	-	-	-	-	-	-	-	-	-	-
10/07/04	28,244.9	1,473,333	217	-	< 0.14	< 0.16	< 0.18	< 0.45	24,100	221	151	74	3,100	11,800	-
10/18/04	28,288.1	1,473,376	4	-	< 0.14	< 0.16	< 0.18	< 0.45	Split-sample results during EBMUD inspection & sampling						-
10/21/04	28,463.5	1,473,552	58	-	-	-	-	-	-	-	-	-	-	-	-
10/28/04	34,435.8	1,479,524	853	-	-	-	-	-	-	-	-	-	-	-	-
11/02/04	37,200.4	1,482,288	553	-	-	-	-	-	-	-	-	-	-	-	-
11/09/04	39,902.6	1,484,991	386	-	-	-	-	-	29,500	564	628	173	4,550	11,800	-
11/17/04	43,165.9	1,488,254	408	-	-	-	-	-	-	-	-	-	-	-	-
11/22/04	43,760.3	1,488,848	119	-	-	-	-	-	-	-	-	-	-	-	-
12/03/04	43,827.9	1,488,916	6	-	-	-	-	-	-	-	-	-	-	-	-
12/09/04	43,862.7	1,488,951	6	-	-	-	-	-	-	-	-	-	-	-	-
12/17/04	44,034.6	1,489,123	21	-	-	-	-	-	-	-	-	-	-	-	-
12/23/04	45,408.0	1,490,496	229	-	<0.14	<0.16	<0.18	1.2	23,200	473	256	488	2,100	6,080	-
12/29/04	47,405.4	1,492,493	333	-	-	-	-	-	-	-	-	-	-	-	-
01/07/05	54,048.5	1,499,137	738	-	-	-	-	-	-	-	-	-	-	-	-
01/12/05	56,143.5	1,501,232	419	EMC took over operation and maintenance of system					-	-	-	-	-	-	-
01/14/05	56,307.2	1,501,395	82	Carbon change					-	-	-	-	-	-	-
01/19/05	56,307.2	1,501,395	-	Restarted after carbon change					-	-	-	-	-	-	-
01/27/05	57,610.1	1,502,698	163	<15	<0.14	1.1	<0.18	<0.45	4,850	189	205	255	1,450	966	-
02/03/05	63,253.1	1,508,341	806	-	-	-	-	-	-	-	-	-	-	-	-
02/11/05	65,739.0	1,510,827	311	-	-	-	-	-	-	-	-	-	-	-	-
02/18/05	67,326.3	1,512,414	227	-	-	-	-	-	-	-	-	-	-	-	-
02/24/05	67,392.1	1,512,480	11	-	-	-	-	-	-	-	-	-	-	-	-
03/09/05	67,984.2	1,513,072	46	-	-	-	-	-	-	-	-	-	-	-	-
03/17/05	69,219.3	1,514,307	154	-	-	-	-	-	-	-	-	-	-	-	-
03/23/05	70,454.2	1,515,542	206	-	-	-	-	-	-	-	-	-	-	-	-
03/30/05	71,783.1	1,516,871	190	-	-	-	-	-	-	-	-	-	-	-	-
04/06/05	75,721.2	1,520,809	563	<15	<0.14	0.91	<0.18	<0.45	10,900	247	112	356	892	2,010	-
04/07/05	-	-	-	<15	< 0.14	< 0.16	<0.18	< 0.45	Split-sample results during EBMUD inspection & sampling						-



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 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)						
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE	
04/14/05	79,730.2	1,524,818	501	System was turned off for QWS					-	-	-	-	-	-	-
04/21/05	79,885.1	1,524,973	22	Restarted system					-	-	-	-	-	-	-
04/27/05	80,674.2	1,525,762	132	-	-	-	-	-	-	-	-	-	-	-	-
05/12/05	83,901.3	1,528,989	215	-	-	-	-	-	-	-	-	-	-	-	-
05/20/05	84,601.7	1,529,690	88	-	-	-	-	-	-	-	-	-	-	-	-
05/27/05	86,432.1	1,531,520	261	-	-	-	-	-	-	-	-	-	-	-	-
06/02/05	87,654.3	1,532,742	204	-	-	-	-	-	-	-	-	-	-	-	-
06/09/05	87,981.1	1,533,069	47	-	-	-	-	-	-	-	-	-	-	-	-
06/16/05	88,340.0	1,533,428	51	-	-	-	-	-	-	-	-	-	-	-	-
06/16/05	0.0	1,533,428	-	Changed battery for flow meter (reset to 0.0 gallons)					-	-	-	-	-	-	-
06/23/05	2,914.2	1,536,342	416	-	-	-	-	-	-	-	-	-	-	-	-
06/28/05	4,751.3	1,538,179	367	-	-	-	-	-	-	-	-	-	-	-	-
07/07/05	7,125.7	1,540,554	264	<2.9	<0.17	<0.22	<0.14	<0.38	7,530	301	71 J	132	800	2,580	-
07/12/05	8,534.3	1,541,962	282	-	-	-	-	-	-	-	-	-	-	-	-
07/19/05	9,145.3	1,542,573	87	-	-	-	-	-	-	-	-	-	-	-	-
07/26/05	10,570.5	1,543,999	204	System was turned off for QWS and carbon change					-	-	-	-	-	-	-
08/03/05	10,572.1	1,544,000	0	Restarted system					-	-	-	-	-	-	-
08/09/05	10,827.1	1,544,255	43	-	-	-	-	-	-	-	-	-	-	-	-
08/19/05	-	-	-	-	<0.05	<0.07	<0.08	<0.33	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)						
08/19/05	11,219.6	1,544,648	39	-	<0.10	<0.15	<0.06	<0.40	Split-sample results during EBMUD inspection & sampling						
08/23/05	11,311.2	1,544,739	23	-	-	-	-	-	-	-	-	-	-	-	-
09/07/05	11,713.1	1,545,141	27	-	-	-	-	-	-	-	-	-	-	-	-
09/13/05	11,816.3	1,545,244	17	-	-	-	-	-	-	-	-	-	-	-	-
09/20/05	11,930.2	1,545,358	16	-	-	-	-	-	-	-	-	-	-	-	-
09/26/05	12,241.6	1,545,670	52	-	-	-	-	-	-	-	-	-	-	-	-
10/04/05	12,314.2	1,545,742	9	<2.9	<0.17	<0.22	<0.14	<0.38	4,250	129	113	3.9 J	237	2,120	-
10/11/05	12,578.6	1,546,007	38	-	-	-	-	-	-	-	-	-	-	-	-
10/17/05	12,781.3	1,546,209	34	System was turned off for QWS					-	-	-	-	-	-	-
10/21/05	12,796.1	1,546,224	4	Restarted system					-	-	-	-	-	-	-
11/01/05	13,383.2	1,546,811	53	-	-	-	-	-	-	-	-	-	-	-	-
11/08/05	13,399.2	1,546,827	2	-	<0.10	<0.15	<0.06	<0.40	Split-sample results during EBMUD inspection & sampling						
11/16/05	13,807.4	1,547,235	51	-	-	-	-	-	-	-	-	-	-	-	-
11/23/05	0.0	1,547,235	-	Changed battery for flow meter (reset to 0.0 gallons)					-	-	-	-	-	-	-
11/29/05	717.2	1,547,953	120	-	-	-	-	-	-	-	-	-	-	-	-

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**GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM**  
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)							
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE		
12/07/05	1,038.1	1,548,274	40	-	-	-	-	-	-	-	-	-	-	-	-	
12/14/05	1,669.4	1,548,905	90	-	-	-	-	-	-	-	-	-	-	-	-	
12/20/05	1,874.3	1,549,110	34	-	-	-	-	-	-	-	-	-	-	-	-	
12/28/05	2,022.1	1,549,258	18	-	-	-	-	-	-	-	-	-	-	-	-	
01/04/06	4,413.3	1,551,649	342	-	-	-	-	-	-	-	-	-	-	-	-	
01/10/06	5,614.3	1,552,850	200	<2.9	<0.32	<0.1	<0.24	<0.3	12,000	16	51	2.3 J	1,300	338	-	
01/18/06	6,414.4	1,553,650	100	-	-	-	-	-	-	-	-	-	-	-	-	
01/20/06	6,728.3	1,553,964	157	System was turned off for QWS and carbon change					-	-	-	-	-	-	-	-
01/27/06	6,731.2	1,553,987	0	Restarted system					-	-	-	-	-	-	-	-
01/31/06	6,842.3	1,554,078	28	-	-	-	-	-	-	-	-	-	-	-	-	
02/01/06	-	-	-	-	<0.70	<0.67	<0.65	<2.0	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)							
02/01/06	6,903.0	1,554,138	61	-	<0.17	<0.22	<0.14	<0.38	Split-sample results during EBMUD inspection & sampling							
02/01/06	0.0	1,554,138	-	Changed battery for flow meter (reset to 0.0 gallons)					-	-	-	-	-	-	-	-
02/07/06	308	1,554,447	51	-	-	-	-	-	-	-	-	-	-	-	-	
02/21/06	978	1,555,116	48	-	-	-	-	-	-	-	-	-	-	-	-	
02/24/06	1,268	1,555,406	97	-	-	-	-	-	-	-	-	-	-	-	-	
02/24/06	10	1,555,406	-	Replaced flow meter with nonresettable analog type, start with 10					-	-	-	-	-	-	-	-
02/28/06	978	1,556,374	242	-	-	-	-	-	-	-	-	-	-	-	-	
03/07/06	3,254	1,558,650	325	-	-	-	-	-	-	-	-	-	-	-	-	
03/14/06	4,672	1,560,068	203	-	-	-	-	-	-	-	-	-	-	-	-	
03/21/06	6,793	1,562,189	303	-	-	-	-	-	-	-	-	-	-	-	-	
03/28/06	8,214	1,563,610	203	-	-	-	-	-	-	-	-	-	-	-	-	
04/04/06	12,513	1,567,909	614	<5.6	<0.32	<0.1	<0.24	<0.3	2,580	15	5.0	<0.24	193	341	-	
04/11/06	15,720	1,571,116	458	-	-	-	-	-	-	-	-	-	-	-	-	
04/18/06	21,010	1,576,406	756	System was turned off for QWS					-	-	-	-	-	-	-	-
04/21/06	21,030	1,576,426	7	Restarted system					-	-	-	-	-	-	-	-
04/25/06	22,410	1,577,806	345	-	-	-	-	-	-	-	-	-	-	-	-	
04/26/06	23,010	1,578,406	600	Turned off system for carbon change					-	-	-	-	-	-	-	-
05/02/06	23,030	1,578,426	3	Restarted after carbon change					-	-	-	-	-	-	-	-
05/09/06	27,710	1,583,106	669	-	-	-	-	-	-	-	-	-	-	-	-	
05/17/06	28,900	1,584,296	149	-	-	-	-	-	-	-	-	-	-	-	-	
05/23/06	31,430	1,586,826	422	<5.6	<0.32	<0.1	<0.24	<0.3	1,020,000	3,330	111,000	7,440	38,400	<630	-	
05/31/06	37,710	1,593,106	785	-	-	-	-	-	-	-	-	-	-	-	-	
06/09/06	39,890	1,595,286	242	-	-	-	-	-	71,000	520	16,300	820	6,840	-	-	

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 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT (ug/L)					INLET / INFLUENT (ug/L)						
				TPH-g	B	T	E	X	TPH-g	B	T	E	X	MTBE	
06/13/06	40,460	1,595,856	143	-	-	-	-	-	-	-	-	-	-	-	
06/21/06	41,240	1,596,636	98	-	-	-	-	-	-	-	-	-	-	-	
06/27/06	42,360	1,597,756	187	-	-	-	-	-	-	-	-	-	-	-	
07/11/06	46,380	1,601,776	287	<5.6	<0.32	<0.10	<0.24	<0.30	8070	18	385	73	1530	40	
07/18/06	47,270	1,602,666	127	System was turned off for QWS				-	-	-	-	-	-	-	-
07/25/06	47,280	1,602,876	1	Restarted system				-	-	-	-	-	-	-	-
08/01/06	47,860	1,603,256	83	-	-	-	-	-	-	-	-	-	-	-	
08/18/06	50,000	1,605,396	126	-	-	-	-	-	-	-	-	-	-	-	
08/22/06	50,060	1,605,456	15	-	-	-	-	-	-	-	-	-	-	-	
08/29/06	50,940	1,606,336	126	-	-	-	-	-	-	-	-	-	-	-	
09/06/06	51,360	1,606,756	53	-	-	-	-	-	-	-	-	-	-	-	
09/12/06	53,150	1,608,546	298	-	-	-	-	-	-	-	-	-	-	-	
09/14/06	53,730	1,609,126	290	System was turned off for groundwater well sampling				-	-	-	-	-	-	-	
09/19/06	53,940	1,609,336	42	Restarted system				-	-	-	-	-	-	-	
09/27/06	54,160	1,609,556	28	-	-	-	-	-	53,600	59	3,630	4,510	7,400	96	
10/04/06	54,370	1,609,766	30	<5.6	<0.32	<0.10	<0.24	<0.30	573	14	34	44	97	230	
10/13/06	56,380	1,611,776	223	-	-	-	-	-	-	-	-	-	-	-	
10/17/06	56,780	1,612,176	100	System was turned off for groundwater well sampling				-	-	-	-	-	-	-	
10/27/06	56,780	1,612,176	-	Restarted system				-	-	-	-	-	-	-	
10/31/06	57,010	1,612,406	35	-	-	-	-	-	-	-	-	-	-	-	
11/07/06	58,720	1,614,116	244	-	-	-	-	-	-	-	-	-	-	-	
11/16/06	59,010	1,614,406	32	-	-	-	-	-	-	-	-	-	-	-	
11/22/06	59,100	1,614,496	15	-	-	-	-	-	-	-	-	-	-	-	
11/30/06	61,302	1,616,698	275	-	-	-	-	-	-	-	-	-	-	-	
12/06/06	61,860	1,617,256	93	-	-	-	-	-	-	-	-	-	-	-	
12/13/06	61,930	1,617,326	10	System was turned off (operator vacation)				-	-	-	-	-	-	-	

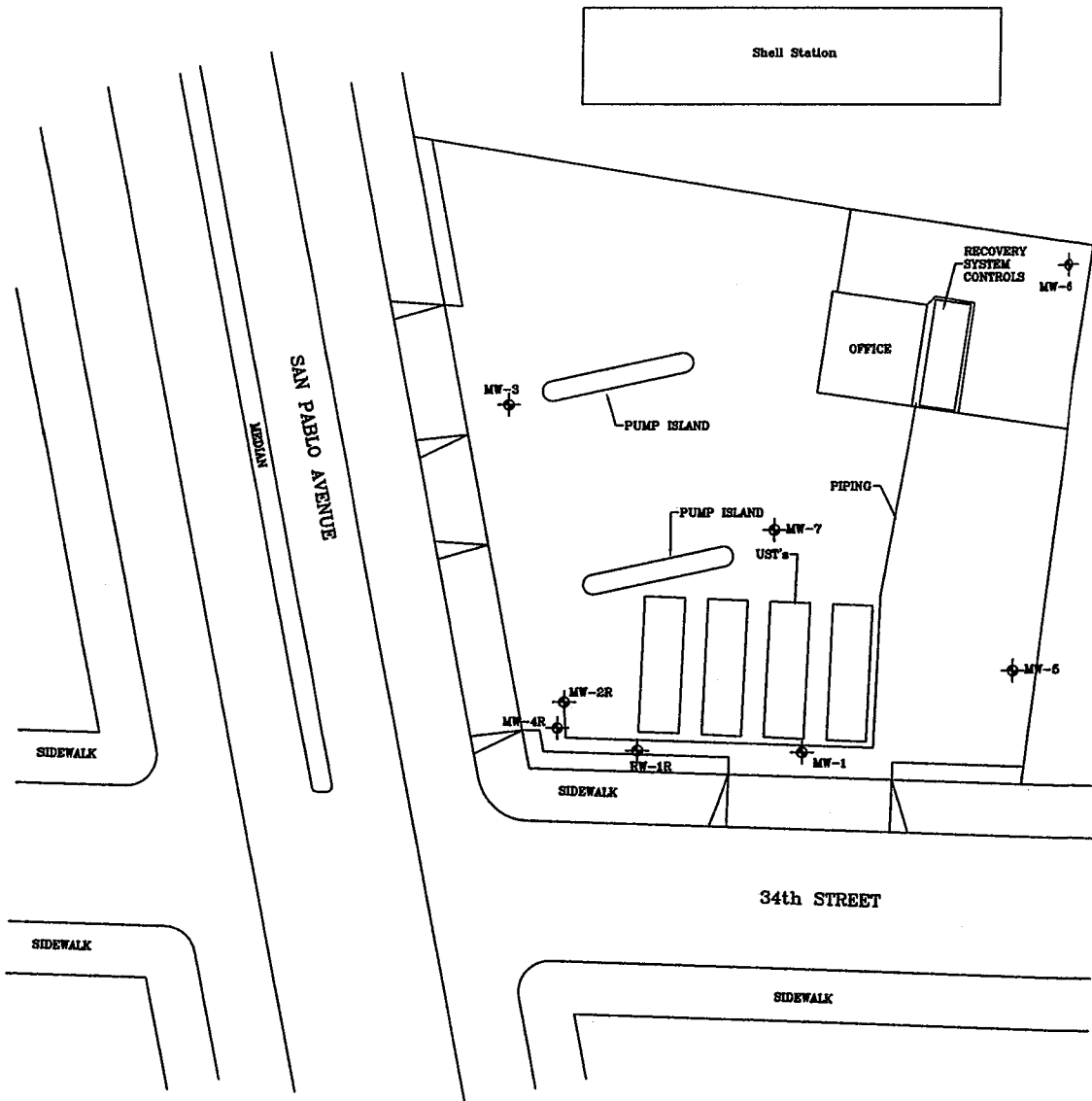
<b>WD PERMIT LIMITS:</b>	<b>NE</b>	<b>5.0</b>	<b>5.0</b>	<b>5.0</b>	<b>5.0</b>
--------------------------	-----------	------------	------------	------------	------------

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

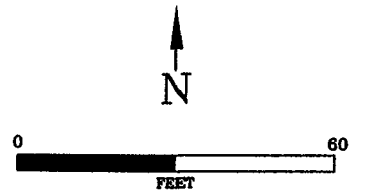
TPH is analyzed by EPA Method 8015 M  
 BTEX is analyzed by EPA Method 8021 or 8260  
 \*MTBE by 8021/8260

Total Hydrocarbons Removed = From 4/8/91 to 2/10/92, the influent TPHg is assumed to be 47,000 (3/9/92)  
 In February 2000, the total cumulative discharge amount was corrected to reflect all system maintenance and flowmeter changeouts since the startup of the system.  
 The total number may be different from previous versions of this table.

## ***FIGURES***



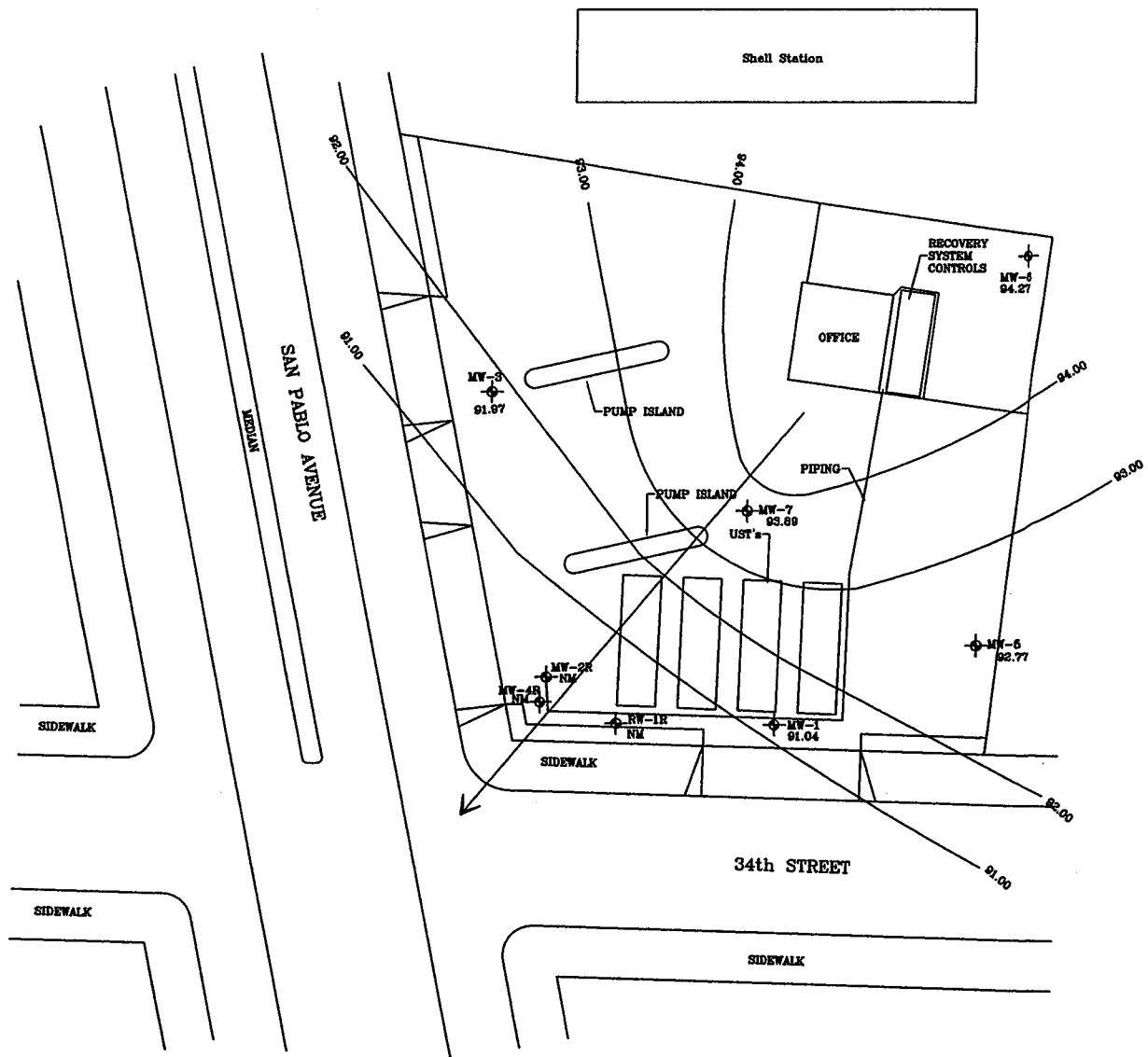
**LEGEND**  
 — RECOVERY SYSTEM PIPING  
 MW-4R ⊕ RECOVERY WELL LOCATION  
 MW-1 ⊕ MONITORING WELL LOCATION



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

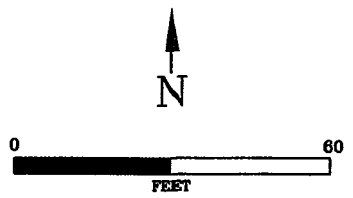
**SITE PLAN**  
 Thrifty Service Station #049  
 3400 San Pablo Avenue  
 Oakland, California

FIGURE: **1**  
 REVISION NO: 0  
 DATE: 12/06



- LEGEND**
- RECOVERY SYSTEM PIPING
  - MW-4R — RECOVERY WELL LOCATION
  - MW-1 — MONITORING WELL LOCATION

Groundwater elevation data measured on October 18, 2006.

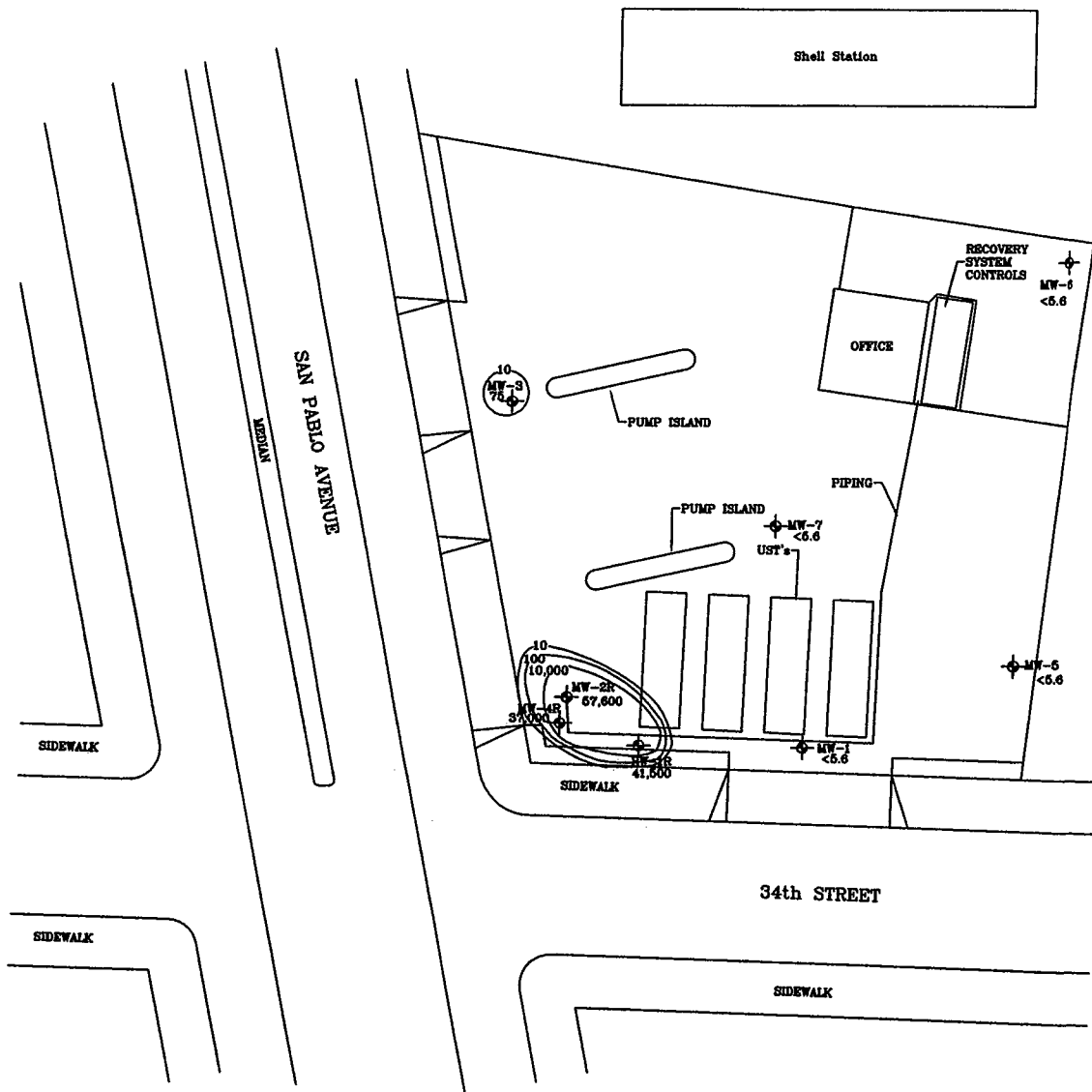


**EQUIPOISE**  
CORPORATION

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

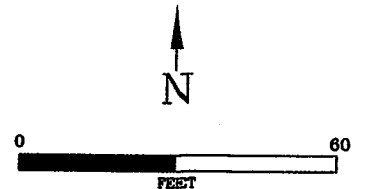
GROUNDWATER CONTOUR MAP  
Thrifty Service Station #049  
3400 San Pablo Avenue  
Oakland, California

FIGURE:  
**2**  
REVISION NO: 0  
DATE: 12/06



- LEGEND**
- RECOVERY SYSTEM PIPING
  - MW-4R — RECOVERY WELL LOCATION
  - MW-1 — MONITORING WELL LOCATION

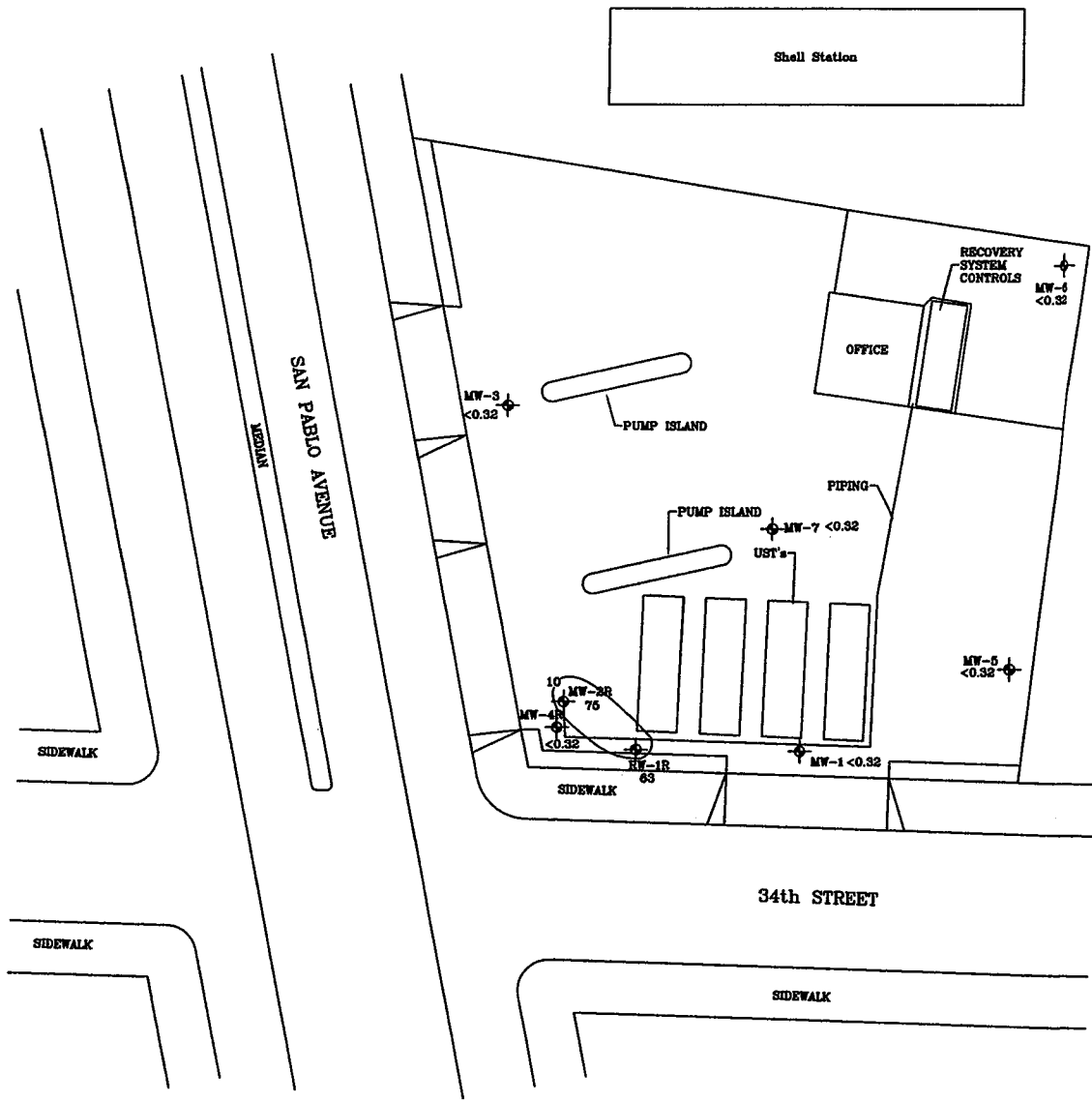
Samples collected on 10/18/2006  
 TPHg Concentrations in ug/L



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

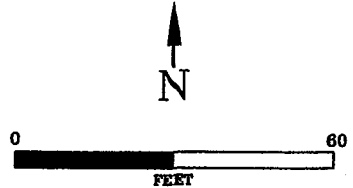
TPHg ISOCONCENTRATION MAP  
 Thrifty Service Station #049  
 3400 San Pablo Avenue  
 Oakland, California

FIGURE: **3**  
 REVISION NO: 0  
 DATE: 12/06



**LEGEND**  
 — RECOVERY SYSTEM PIPING  
 MW-4R ⊕ RECOVERY WELL LOCATION  
 MW-1 ⊕ MONITORING WELL LOCATION

Samples collected on 10/18/2006  
 Benzene Concentrations in ug/L

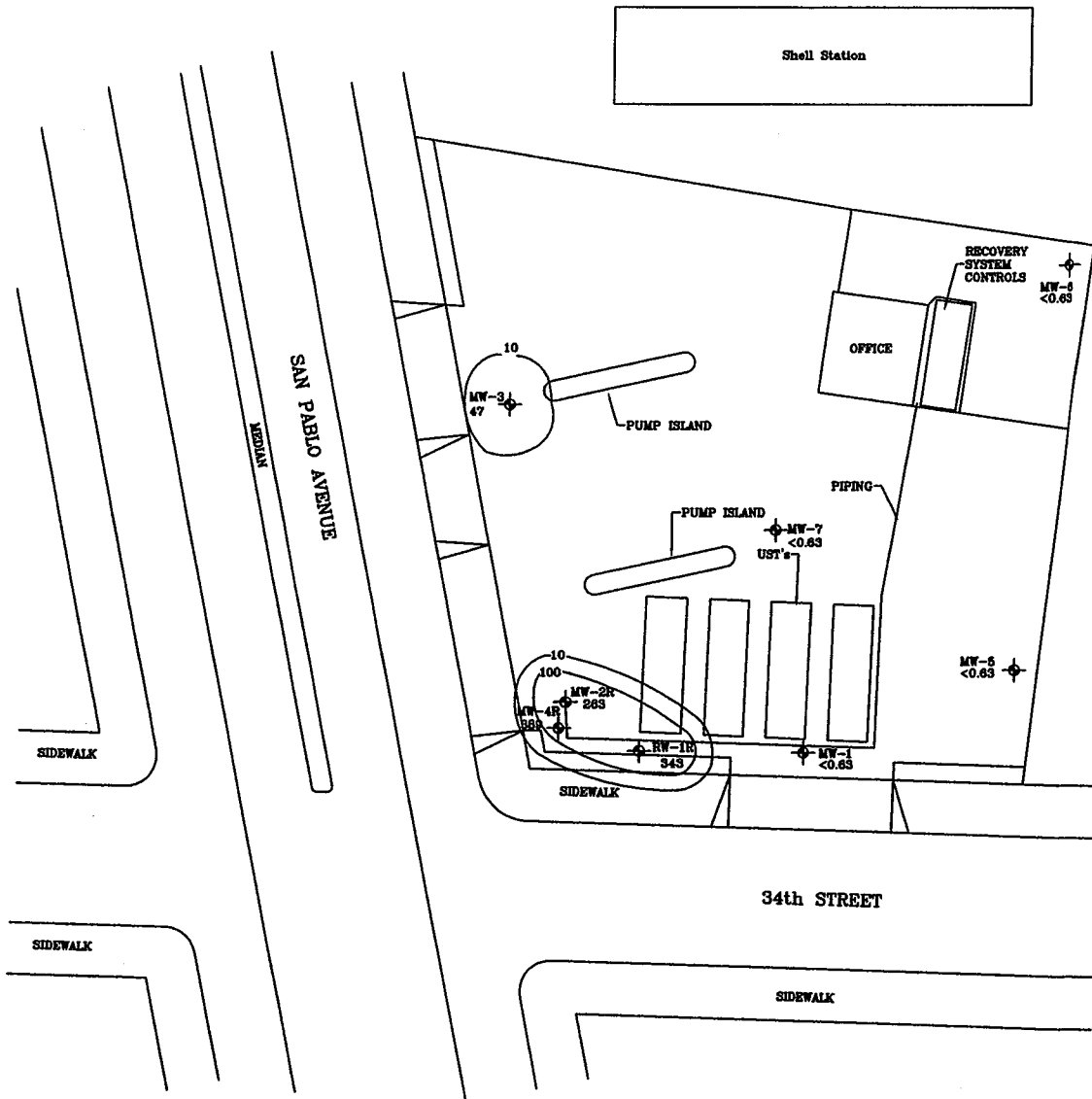


**EQUIPOISE** CORPORATION  
 1401 El Camino Real, Suite 107  
 San Clemente, California 92672  
 Phone: 949 366 0266  
 Fax: 949 366 0281

**BENZENE ISOCONCENTRATION MAP**  
 Thrifty Service Station #049  
 3400 San Pablo Avenue  
 Oakland, California

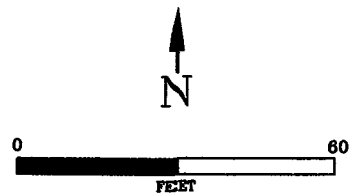
FIGURE: **4**  
 REVISION NO: 0  
 DATE: 12/06





- LEGEND**
- RECOVERY SYSTEM PIPING
  - MW-4R — RECOVERY WELL LOCATION
  - MW-1 — MONITORING WELL LOCATION

Samples collected on 10/18/2006  
 MTBE Concentrations in ug/L



**EQUIPOISE**  
 CORPORATION

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

MTBE ISOCONCENTRATION MAP  
 Thrifty Service Station #049  
 3400 San Pablo Avenue  
 Oakland, California

FIGURE: **5**  
 REVISION NO: 0  
 DATE: 12/06

# ***APPENDIX A***



**EARTH MANAGEMENT CO.**  
Environmental Remediation

**PROJECT STATUS REPORT**

SITE: THRIFTY OIL CO. #049  
 ADDRESS: 3400 SAN PABLO AVE.  
OAKLAND, CA. 94612

DATE: 10.18.06

PERSONNEL: SERBATH P-

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	WC (FT)	DIA (IN)	PURGE (GAL)		COMMENT
							EST.	ACT.	
<b>MONTHLY/QUARTERLY</b>									
1 MW-1		6.99	17.72		10.73	2"	7	7	
2 MW-2R		5.28	16.76		11.48	4"	30	30	
3 MW-3		5.72	24.13		18.41	2"	12	12	
4 MW-4R		5.85	19.62		13.77	4"	36	36	
5 MW-5		6.08	13.76		7.68	2"	5	5	
6 MW-6		5.40	13.06		7.66	2"	5	5	
7 MW-7		5.13	13.56		8.43	4"	22	22	
8 RW-1R		6.06	19.08		13.02	4"	34	34	

FREE PRODUCT REMOVED: APPROX. \_\_\_\_\_ GALLONS      PURGE-WATER REMOVED: APPROX. 151 GALLONS

REMARKS: MONITORING WELLS, TAKE WATER SAMPLE FROM EACH WELL AND WATER FROM PURGE WAS PUSH IN HOLDING TANK

EXPLANATION: DTP= DEPTH TO PRODUCT, DTW= DEPTH TO WATER, DTB= DEPTH TO BOTTOM; ALL MEASURED FROM TOP OF CASING  
 PT= PRODUCT THICKNESS, WC= WATER COLUMN, DIA= DIAMETER, EST=ESTIMATE, ACT= ACTUAL, FT= FEET, GAL= GALLONS

# FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: #049      Date: 10-18-06  
 Address: \_\_\_\_\_  
 Personnel: S. P. P. P. P.  
 Well No: RW-12      Weather: SUNNY DAY  
 Equip: BAILER

Before Purging: \_\_\_\_\_  
 Total Well Depth (ft.) 19.08      Well Diameter 44  
 Depth to Water (ft) 6.06      Est. Purge Volume: 34

Sampling Data:

Time	Initial Turbidity:			Final Turbidity:		
	11:51	11:58	12:05	12:12	12:20	
EC	890	920	940	910	920	
pH	6.18	6.21	6.25	6.21	6.20	
Temp	72.3	72.4	72.6	72.4	72.6	
Gal.	6	13	20	27	34	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection  
 Depth to Water (ft.) 10.06      Total Well Depth (ft.) 19.08

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	10-18-06
Address:			
Personnel:	SERBA	Weather:	SUNNY DAY
Well No:	MW-42	Equip:	BAUER

<b>Before Purging:</b>			
Total Well Depth: (ft.)	19.62	Well Diameter	4"
Depth to Water (ft)	5.85	Est. Purge Volume:	36

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	11:08	11:16	11:24	11:32	11:40	
EC	1420	1460	1450	1430	1440	
pH	6.07	5.97	5.94	5.87	5.91	
Temp	72.3	72.1	71.9	71.9	72.7	
Gal.	7	14	21	28	36	

<b>After Purging/Before Sample Collection</b>	
Depth to Water (ft.)	9.06
Total Well Depth (ft.)	19.62

# FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 049 Date: 10-18-06  
 Address: \_\_\_\_\_  
 Personnel: SERBAN Weather: SUNNY DAY  
 Well No: MW-2R Equip: BAILER

**Before Purging:**  
 Total Well Depth: (ft.) 16.74 Well Diameter 4"  
 Depth to Water (ft) 5.28 Est. Purge Volume: 30

**Sampling Data:**

Time	Initial Turbidity:			Final Turbidity:		
	10:26	10:32	10:38	10:44	10:50	
EC	1870	1890	1870	1860	1870	
pH	6.09	6.11	6.13	6.08	6.09	
Temp	71.6	71.4	71.3	71.2	70.9	
Gal.	6	12	18	24	30	
Time						
EC						
pH						
Temp						
Gal.						

**After Purging/Before Sample Collection**  
 Depth to Water (ft.) 8.14 Total Well Depth(ft.) 16.76

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site: H 049 Date: 10-18-06  
 Address: \_\_\_\_\_  
 Personnel: SERBAY Weather: SUNNY DAY  
 Well No: MW-5 Equip: BAILER

Before Purging: \_\_\_\_\_  
 Total Well Depth: (ft.) 13.76 Well Diameter 2.4  
 Depth to Water (ft) 6.08 Est. Purge Volume: 5

Sampling Data:

Initial Turbidity:	Final Turbidity:					
	Time	10:42	10:44	10:46	10:48	10:50
EC	1730	1710	1690	1670	1660	
pH	6.03	5.98	5.93	5.91	5.93	
Temp	72.4	72.2	71.9	71.7	71.4	
Gal.	1	2	3	4	5	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection  
 Depth to Water (ft.) 10.14 Total Well Depth(ft.) 13.76

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 049	Date: 10-18-06
Address:	
Personnel: SERBAN	Weather: SUNNY DAY
Well No: MW-3	Equip: BAUER

<b>Before Purging:</b>			
Total Well Depth: (ft.)	24.13	Well Diameter	2.4
Depth to Water (ft)	5.72	Est. Purge Volume:	12

<b>Sampling Data:</b>							
Initial Turbidity:				Final Turbidity:			
Time	9:54	9:56	9:59	10:02	10:05		
EC	1730	1710	1690	1680	1670		
pH	5.52	5.56	5.47	5.46	5.47		
Temp	72.1	71.9	71.7	71.6	71.6		
Gal.	2	4	7	9	12		
Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>			
Depth to Water (ft.)	10.06	Total Well Depth(ft).	24.13



# FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	10-18-06
Address:		Weather:	SUNNY DAY
Personnel:	SERBAH	Equip:	BAILER
Well No:	MW-7		

<b>Before Purging:</b>			
Total Well Depth: (ft.)	13.56	Well Diameter	4"
Depth to Water (ft)	5.13	Est. Purge Volume:	22

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:25	9:30	9:35	9:40	9:45		
EC	1810	1830	1820	1850	1820		
pH	5.47	5.48	5.47	5.49	5.47		
Temp	72.4	72.3	72.1	72.2	72.1		
Gal.	4	8	13	17	22		
Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>	
Depth to Water (ft.)	9.16
Total Well Depth (ft.)	13.56

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u>      # 049      </u>	Date: <u>      10-18-06      </u>
Address: _____	
Personnel: <u>      SERBAN      </u>	Weather: <u>      SUNNY DAY      </u>
Well No: <u>      MW-1      </u>	Equip: <u>      BAUER      </u>

<b>Before Purging:</b>			
Total Well Depth: (ft.)	<u>      17.72      </u>	Well Diameter	<u>      2"      </u>
Depth to Water (ft)	<u>      6.99      </u>	Est. Purge Volume:	<u>      7      </u>

<b>Sampling Data:</b>							
Initial Turbidity:				Final Turbidity:			
Time	9:11	9:12	9:13	9:14	9:15		
EC	1340	1320	1350	1330	1320		
pH	5.60	5.47	5.41	5.43	5.41		
Temp	21.4	21.3	21.1	21.1	21.2		
Gal.	3	4	5	6	7		
Time							
EC							
pH							
Temp							
Gal.							

<b>After Purging/Before Sample Collection</b>			
Depth to Water (ft.)	<u>      10.06      </u>	Total Well Depth(ft).	<u>      17.72      </u>

## FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	10-18-06
Address:		Weather:	SUNNY DAY
Personnel:	JERBAH	Equip:	BATLER
Well No:	MW-C		

<b>Before Purging:</b>			
Total Well Depth: (ft.)	13.06	Well Diameter	2"
Depth to Water (ft)	5.40	Est. Purge Volume:	5

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	8:52	8:54	8:56	8:58	9:00	
EC	1110	1020	1010	1020	1030	
pH	5.73	5.83	5.73	5.76	5.73	
Temp	72.1	71.9	71.8	71.9	71.7	
Gal.	1	2	3	4	5	
Time						
EC						
pH						
Temp						
Gal.						

<b>After Purging/Before Sample Collection</b>	
Depth to Water (ft.)	9.16
Total Well Depth(ft.)	13.06

## ***APPENDIX B***



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

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

LAB REQUEST 178365

REPORTED 10/27/2006

RECEIVED 10/19/2006

PROJECT Station #049  
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS Revised Report on 12/21/2006

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>
749666	TOC# 049 MW-6
749667	TOC# 049 MW-1
749668	TOC# 049 MW-7
749669	TOC# 049 MW-3
749670	TOC# 049 MW-5
749671	TOC# 049 MW-2R
749672	TOC# 049 MW-4R
749673	TOC# 049 RW-1R
749674	TOC# 049 Trip Blank
749675	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 #: 749666

Client Sample ID: TOC# 049 MW-6

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 12:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32 ug/L		10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L		10/25/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L		10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L		10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L		10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L		10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L		10/25/06 RP
Toluene	ND	1	5	0.10 ug/L		10/25/06 RP
Xylenes, total	ND	1	5	0.3 ug/L		10/25/06 RP
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Surr1 - Dibromofluoromethane	100			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 130	
Surr3 - Toluene-d8	98			%	70 - 130	
Surr4 - p-Bromofluorobenzene	100			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6 ug/L		10/24/06 LD
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
a,a,a-Trifluorotoluene	105			%	55 - 200	

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



Order #: 749667

Client Sample ID: TOC# 049 MW-1

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 12:40

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

**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.32 ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L	10/25/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L	10/25/06 RP
Toluene	ND	1	5	0.10 ug/L	10/25/06 RP
Xylenes, total	ND	1	5	0.3 ug/L	10/25/06 RP

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	103	%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6 ug/L	10/24/06 LD
----------	----	---	----	----------	-------------

**Surrogates**

		Units	Control Limits
a,a,a-Trifluorotoluene	110	%	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 178365 results, page 2 of 10



Order #: 749668

Client Sample ID: TOC# 049 MW-7

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 12:45

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	10/25/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	10/25/06 RP
Toluene	ND	1	5	0.10	ug/L	10/25/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	10/25/06 RP
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Surr1 - Dibromofluoromethane	95			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130	
Surr3 - Toluene-d8	101			%	70 - 130	
Surr4 - p-Bromofluorobenzene	104			%	70 - 130	
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6	ug/L	10/24/06 LD
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
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





Order #: 749669

Client Sample ID: TOC# 049 MW-3

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 12:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32	ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	10/25/06 RP
Ethyl benzene	1.1	J 1	5	0.24	ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	47	1	1	0.63	ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	2.8	1	1	0.28	ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	10/25/06 RP
Toluene	ND	1	5	0.10	ug/L	10/25/06 RP
Xylenes, total	1.1	J 1	5	0.3	ug/L	10/25/06 RP
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	99				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	100				%	70 - 130
Surr4 - p-Bromofluorobenzene	101				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	75	1	50	5.6	ug/L	10/24/06 LD
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	105				%	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 178365 results, page 4 of 10



Order #: 749670

Client Sample ID: TOC# 049 MW-5

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 13:00

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

Benzene	ND	1	1	0.32 ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L	10/25/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L	10/25/06 RP
Toluene	ND	1	5	0.10 ug/L	10/25/06 RP
Xylenes, total	ND	1	5	0.3 ug/L	10/25/06 RP

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	96	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	106	%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6 ug/L	10/24/06 LD
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**Surrogates**

		Units	Control Limits
a,a,a-Trifluorotoluene	102	%	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

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Order #: 749671

Client Sample ID: TOC# 049 MW-2R

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	75	10	10.0	0.32	ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	10/25/06 RP
Ethyl benzene	1770	10	50.0	0.24	ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	263	10	10.0	0.63	ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	174	10	100.0	10	ug/L	10/25/06 RP
Toluene	5730	100	500.0	0.10	ug/L	10/26/06 RP
Xylenes, total	7820	100	500.0	0.3	ug/L	10/26/06 RP
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	110				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106				%	70 - 130
Surr3 - Toluene-d8	97				%	70 - 130
Surr4 - p-Bromofluorobenzene	97				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	57600	50	2500.0	5.6	ug/L	10/25/06 LD
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	97				%	55 - 200

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



Order #: 749672

Client Sample ID: TOC# 049 MW-4R

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 13:45

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	100	100.0	0.32	ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	100	100.0	0.29	ug/L	10/25/06 RP
Ethyl benzene	1350	100	500.0	0.24	ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	100	100.0	0.17	ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	389	100	100.0	0.63	ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	100	100.0	0.28	ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	100	1000.0	10	ug/L	10/25/06 RP
Toluene	3910	100	500.0	0.10	ug/L	10/25/06 RP
Xylenes, total	5770	100	500.0	0.3	ug/L	10/25/06 RP
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	111				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	111				%	70 - 130
Surr3 - Toluene-d8	94				%	70 - 130
Surr4 - p-Bromofluorobenzene	97				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	37000	50	2500.0	5.6	ug/L	10/25/06 LD
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
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



Order #: 749673

Client Sample ID: TOC# 049 RW-1R

Matrix: WATER

Date Sampled: 10/18/2006 Time Sampled: 14:25

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

Benzene	63	10	10.0	0.32	ug/L	10/25/06 DP
Di-isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	10/25/06 DP
Ethyl benzene	1510	10	50.0	0.24	ug/L	10/25/06 DP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	10/25/06 DP
Methyl-tert-butylether (MTBE)	343	10	10.0	0.63	ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	10/25/06 DP
Tertiary butyl alcohol (TBA)	209	10	100.0	10	ug/L	10/25/06 DP
Toluene	4710	100	500.0	0.10	ug/L	10/26/06 DP
Xylenes, total	6390	100	500.0	0.3	ug/L	10/26/06 DP

**Surrogates**

				Units	Control Limits
Surr1 - Dibromofluoromethane	109			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	108			%	70 - 130
Surr3 - Toluene-d8	99			%	70 - 130
Surr4 - p-Bromofluorobenzene	95			%	70 - 130

**8015B - Gasoline**

Gasoline	41500	50	2500.0	5.6	ug/L	10/25/06 LD
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**Surrogates**

				Units	Control Limits
a,a,a-Trifluorotoluene	100			%	55 - 200

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

**ASSOCIATED LABORATORIES**

Analytical Results Report

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<b>Order #:</b> 749674	<b>Client Sample ID:</b> TOC# 049 Trip Blank					
<b>Matrix:</b> WATER						
<b>Analyte</b>	<b>Result</b>	<b>DF</b>	<b>PQL</b>	<b>MDL</b>	<b>Units</b>	<b>Date/Analyst</b>

**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.32 ug/L	10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L	10/25/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L	10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L	10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L	10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L	10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L	10/25/06 RP
Toluene	ND	1	5	0.10 ug/L	10/25/06 RP
Xylenes, total	ND	1	5	0.3 ug/L	10/25/06 RP

**Surrogates**

				<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	98			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	105			%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6 ug/L	10/23/06 LD
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**Surrogates**

				<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	89			%	55 - 200

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



Order #: 749675

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		10/25/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29 ug/L		10/25/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L		10/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17 ug/L		10/25/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63 ug/L		10/25/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28 ug/L		10/25/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10 ug/L		10/25/06 RP
Toluene	ND	1	5	0.10 ug/L		10/25/06 RP
Xylenes, total	ND	1	5	0.3 ug/L		10/25/06 RP
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	100			%		70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%		70 - 130
Surr3 - Toluene-d8	99			%		70 - 130
Surr4 - p-Bromofluorobenzene	103			%		70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6 ug/L		10/23/06 LD
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	102			%		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: October 23, 2006  
 Analysis Date: October 23, 2006  
 ID#s in Batch: LR 178365, 178433, 178517

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

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	536	562	107	112	5

*ND = Not Detected*

*LCS Result = Lab Control Sample Result*

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

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

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

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	87
LCS	152
LCSD	162

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



**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD  
 Matrix: WATER  
 Prep. Date: October 24, 2006  
 Analysis Date: October 24, 2006  
 ID#'s in Batch: LR 178135, 178590, 178584, 178587, 178438, 178145, 178349, 178428, 178432, 178365

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

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	559	569	112	114	2

*ND = Not Detected*

*LCS Result = Lab Control Sample Result*

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

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

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

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	96
LCS	134
LCSD	133

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

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G2-LCS&LCSD

Matrix: WATER

Prep. Date: October 24, 2006

Analysis Date: October 24, 2006

ID#'s in Batch: LR 178350, 177971, 178048, 178053, 178333, 178584, 177775, 178145, 178349, 178453, 178135, 178349, 178365, 178346

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

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	446	428	89	86	4

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

%REC LIMITS = 70 - 130
RPD LIMITS = 30

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	122
LCS	81
LCSD	78

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD  
 Matrix: WATER  
 Prep. Date: October 23, 2006  
 Analysis Date: October 23, 2006  
 ID#'s in Batch: LR 178365, 178438

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

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	416	406	83	81	2

*ND = Not Detected*

*LCS Result = Lab Control Sample Result*

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

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

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

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	102
LCS	133
LCSD	130

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

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 3

Sample ID: *MS/MSD water sample:*

Date Prepared: October 24, 2006

Date Analyzed: October 24, 2006 9:23 PM

Sample Matrix: water

Units: µg/L

Applies to LR: 177950, 178433, 178350, 178365

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	49.78	49.57	100	99	0	22	59 - 172
MTBE	0.00	50.0	52.42	52.26	105	105	0	24	62 - 137
Benzene	0.00	50.0	47.25	48.35	95	97	2	24	62 - 137
Trichloroethene	0.00	50.0	46.29	48.75	93	98	5	21	66 - 142
Toluene	0.00	50.0	43.69	43.92	87	88	1	21	59 - 139
Chlorobenzene	0.00	50.0	46.85	46.62	94	93	0	21	60 - 133

Sample ID: *LCS*

Date Analyzed: October 24, 2006 11:49 AM

Sample Matrix: water

Units: µg/L

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	55.58	111	59 - 172
MTBE	50.0	55.42	111	62 - 137
Benzene	50.0	50.09	100	62 - 137
Trichloroethene	50.0	49.14	98	66 - 142
Toluene	50.0	46.03	92	59 - 139
Chlorobenzene	50.0	49.33	99	60 - 133

\*=Outside QC limits due to high concentration in sample  
If Sample Result > 4 times Spike Added, then "NC"

### Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	116	109	116	117	117	70 - 135
1,2-Dichloroethane-d4	113	110	112	110	113	70 - 135
Toluene-d8	94	94	96	95	95	70 - 135
p-Bromofluorobenzene	94	99	92	91	92	70 - 135

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 3

Sample ID: *MS/MSD water sample: 178591-497*

Date Prepared: October 25, 2006

Date Analyzed: October 25, 2006

9:08 PM

Sample Matrix: water

Units: µg/L

Applies to LR: 178591, 177971, 178433, 178365, 178593

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	52.08	49.69	104	99	5	22	59 - 172
MTBE	0.00	50.0	54.89	56.19	110	112	2	24	62 - 137
Benzene	0.00	50.0	63.62	60.07	127	120	6	24	62 - 137
Trichloroethene	0.00	50.0	49.81	47.39	100	95	5	21	66 - 142
Toluene	0.00	50.0	48.72	45.52	97	91	7	21	59 - 139
Chlorobenzene	0.00	50.0	50.08	47.70	100	95	5	21	60 - 133

Sample ID: *LCS*

Date Analyzed: October 25, 2006

11:36 AM

Sample Matrix: water

Units: µg/L

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	48.33	97	59 - 172
MTBE	50.0	51.88	104	62 - 137
Benzene	50.0	48.40	97	62 - 137
Trichloroethene	50.0	47.35	95	66 - 142
Toluene	50.0	44.85	90	59 - 139
Chlorobenzene	50.0	47.24	94	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	121	98	118	117	105	70 - 135
1,2-Dichloroethane-d4	113	109	106	113	106	70 - 135
Toluene-d8	95	97	98	95	97	70 - 135
p-Bromofluorobenzene	94	103	96	95	93	70 - 135

# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 6

Sample ID: *MS/MSD water sample*: 178365-667

Date Prepared: October 24, 2006

Date Analyzed: October 25, 2006

2:27 AM

Sample Matrix: water

Units: µg/L

Applies to LR: 178577, 178580, 178586, 178365, 178584

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	48.22	48.71	96	97	1	22	59 - 172
MTBE	0.00	50.0	53.07	53.12	106	106	0	24	62 - 137
Benzene	0.00	50.0	47.30	46.15	95	92	2	24	62 - 137
Trichloroethene	0.00	50.0	49.70	50.44	99	101	1	21	66 - 142
Toluene	0.00	50.0	49.17	49.76	98	100	1	21	59 - 139
Chlorobenzene	0.00	50.0	48.75	49.85	98	100	2	21	60 - 133

Sample ID: *LCS*

Date Analyzed: October 24, 2006

5:09 PM

Sample Matrix: water

Units: µg/L

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	49.48	99	59 - 172
MTBE	50.0	47.23	94	62 - 137
Benzene	50.0	47.15	94	62 - 137
Trichloroethene	50.0	48.04	96	66 - 142
Toluene	50.0	45.34	91	59 - 139
Chlorobenzene	50.0	48.10	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	100	97	91	104	70 - 135
1,2-Dichloroethane-d4	103	104	95	90	100	70 - 135
Toluene-d8	102	99	101	99	101	70 - 135
p-Bromofluorobenzene	107	103	99	93	100	70 - 135



**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: Thnfly Project: \_\_\_\_\_  
 Date Received: 10/19/06  
 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.) 3.4

**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"/>	<input checked="" type="checkbox"/>	
Was total residual chlorine measured (Fish Bioassay samples only)? *		<input checked="" type="checkbox"/>	<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. Stewart Date: 10/19/06

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

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



Company: <b>FIFTY OIL CO.</b>		Phone: <b>562(921-3521)</b>		A.L. Job No. <b>1835</b>		Page <b>1</b> of <b>1</b>					
Project Manager: <b>JEFF SUPYAKUSUMA</b>		Fax: <b>562(921-7510)</b>		Analysis Requested				Test Instructions & Comments			
Project Name: <b>Q.W.S.</b>		Project #: <b>049</b>									
Site Name and Address: <b>3400 SAN PABLO AVE. OAKLAND, CA. 94612</b>											
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH49(9015M)	RYTEX(8260B)	OXYGENATED		
1 MW-6		10-18-06	12:30	H <sub>2</sub> O	4-VOA	HCL	X	X	X	ANALYSIS REQUESTED FOR OXYGENATED COMPOUNDS USED IN CA. GASOLINE BY EPA METHOD 8260B 1-TERTIARY BUTANOL 2-MTBE 3-DIPE 4-ETBE 5-TAME	
2 MW-1			12:40				X	X	X		
3 MW-7			12:45				X	X	X		
4 MW-3			12:50				X	X	X		
5 MW-5			13:00				X	X	X		
6 MW-2R			13:10				X	X	X		
7 MW-4R			13:45				X	X	X		
8 RW-1R			14:25				X	X	X		
9 TRIP BLANK			00:00	00:00	2-VOA	HCL	X	X			
10											
11											
12											
13											
14											
15											

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: <b>F.M.C. 1.</b>		Relinquished by <b>2.</b>		Relinquished by <b>3.</b>	
Total Number of Containers	Property Cooled Y/N/NA			Signature: <i>[Signature]</i>	Signature:		Signature:		
Custody Seals Y/N/NA	Samples Intact Y/N/NA			Printed Name: <b>STEPHAN D.</b>	Printed Name:		Printed Name:		
Received in Good Condition Y/N	Samples Accepted Y/N			Date: <b>10.18.06</b> Time: <b>26:00</b>	Date:	Time:	Date:	Time:	
Turn Around Time				Received By: <b>G.S.O. 1.</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:	Printed Name:		Printed Name:		
				Date: <b>10/19/06</b> Time: <b>9:25</b>	Date:	Time:	Date:	Time:	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

*2 10-19-06 2:35*



## ***APPENDIX C***

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATA P.

DATE OF INSPECTION: 12-06-06

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL,  
DRAIN WATER FROM PRESSURE/REGULATOR FILTER,  
CLEAN WATER FILTER BAG, CLEAN INSIDE AND  
OUTSIDE COMPOUND.

FLOW METER READING: 0061860

SAMPLES OBTAINED: N/A

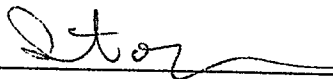
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

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: 1.1

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-30-06

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL,  
BELT, DRAIN WATER FROM PRESSURE/REGULATOR  
FILTER, CHECK WATER FILTER BAG, CHECK  
INSIDE COMPOUND,

FLOW METER READING: - 0061302

SAMPLES OBTAINED: N/A

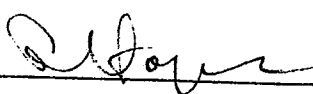
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

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: 

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATH P.

DATE OF INSPECTION: 11-22-06

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK, CHECK TRANSFER  
PUMP, ADJUST PRESSURE/REGULATOR, CHECK BELT, OIL,  
CLEAN FILTER WATER BAG, CLEAN INSIDE COMPOUND,  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FLOW METER READING: -0059100-

SAMPLES OBTAINED: N/A

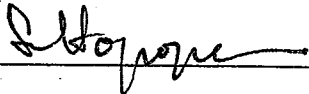
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: \_\_\_\_\_

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.4

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

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

INSPECTOR'S SIGNATURE: 

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAH P.

DATE OF INSPECTION: 11-16-06

OBSERVATIONS AND  
COMMENTS: CHECK BELT, OIL, DRAIN COMPRESSOR TANK  
DRAIN WATER FROM PRESSURE/REGULATOR FILTER,  
CHANGE WATER FILTER BAG, CLEAN IN STATE/OUT STATE  
COMPOUND,

FLOW METER READING: -0059010 -

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: 3.6

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

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

INSPECTOR'S SIGNATURE: \_\_\_\_\_

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 11-07-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT,  
CHECK OIL, CLEAN WATER FILTER BAG, DRAIN WATER  
FROM PRESSURE/REGULATOR FILTER, CLEAN INSIDE  
AND OUTSIDE COMPOUND,

FLOW METER READING: 0058720-

SAMPLES OBTAINED: N/A

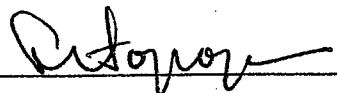
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

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: 0.9

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 10-31-06

OBSERVATIONS AND  
COMMENTS: DRAIN COMPRESSOR TANK CHANGE OIL,  
CHECK BELT, CLEAN WATER FILTER, CHECK TRANSFER  
PUMP, CHECK HOSES AND DRUMS FOR LEAK, CLEAN  
INSIDE AND OUTSIDE CLOSURE,

FLOW METER READING: -0057010-

SAMPLES OBTAINED: N/A

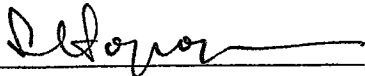
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: \_\_\_\_\_

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

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

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

INSPECTOR'S SIGNATURE: 



# SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOC # 049  
 ADDR: 3400 SAN RAFAEL AVE.  
OAKLAND, 94612  
 DATE: 10-27-06  
 PERSON: SEPARAH

Remediation System Types:  AS  SVE  DPE  GWT  FPR  Other

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment	✓			0056780	RESTART AFTER QWS
FPR	FP Recovery					
O	Other:					

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

OTHER NOTES:  
SYSTEM WAS RESTART AFTER QWS. IN 10-18-06, CHECK  
BEUT, OIL, DRAIN COMPRESSOR TANK

**ALWAYS OBSERVE SAFETY PROCEDURES!**





# SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOE # 049  
 ADDR: 3400 SAN PABLO AVE  
OAKLAND, 94612  
 DATE: 10.17.06  
 PERSON: SEPRAN

Remediation System Types:  AS  SVE  DPE  GWT  FPR  Other

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		✓		0.056780	
FPR	FP Recovery					
O	Other:					

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

OTHER NOTES:  
SYSTEM WAS SHUT DOWN FOR A.W.S.

**ALWAYS OBSERVE SAFETY PROCEDURES!**

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAH P

DATE OF INSPECTION: 10.13.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT,  
OIL, HOSES FOR LEAK, DRAIN WATER FROM  
PRESSURE/REGULATOR FILTER, REPLACE WATER FILTER  
BAG, CLEAN INSIDE AND OUT PIPE COMPOUND,

FLOW METER READING: -0056380-

SAMPLES OBTAINED: 1-10

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: \_\_\_\_\_

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

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

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

INSPECTOR'S SIGNATURE: *Peterson*

049

THRIFTY OIL CO. SERVICE STATION #49  
3400 SAN PABLO AVENUE, OAKLAND, CALIFORNIA  
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 10-04-06

OBSERVATIONS AND COMMENTS: CHECK OIL, BELT, DRAIN COMPRESSOR

TANK, TAKE WATER SAMPLE FROM

SY STEM (0.1, 2.3, IN. MW-3, MW-4) -

FLOW METER READING: - 0054370 -

SAMPLES OBTAINED: Y -


PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER:

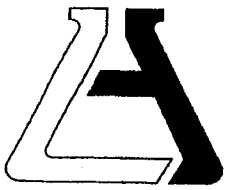
PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.3

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

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

INSPECTOR'S SIGNATURE: 

## ***APPENDIX D***



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

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

LAB REQUEST 177673

REPORTED 10/18/2006

RECEIVED 10/06/2006

PROJECT Station #049  
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS Revised Report on 12/21/2006.

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.

746896

746897

Client Sample Identification

TOC #049 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.

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

TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental

Order #: 746896

Client Sample ID: TOC #049 Outlet PSP-1

Matrix: WATER

Date Sampled: 10/04/2006 Time Sampled: 12:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.32 ug/L		10/12/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L		10/12/06 RP
Toluene	ND	1	5	0.10 ug/L		10/12/06 RP
Xylenes, total	ND	1	5	0.3 ug/L		10/12/06 RP
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
Surr1 - Dibromofluoromethane	90				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	103				%	70 - 130
<b>8015B - Gasoline</b>						
Gasoline	ND	1	50	5.6 ug/L		10/13/06 LD
<b>Surrogates</b>						
					<b>Units</b>	<b>Control Limits</b>
a,a,a-Trifluorotoluene	96				%	55 - 200

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



Order #: 746897

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

**8260B BTEX/MTBE Only**

Benzene	ND	1	1	0.32 ug/L	10/12/06 RP
Ethyl benzene	ND	1	5	0.24 ug/L	10/12/06 RP
Toluene	ND	1	5	0.10 ug/L	10/12/06 RP
Xylenes, total	ND	1	5	0.3 ug/L	10/12/06 RP

**Surrogates**

				Units	Control Limits
Surr1 - Dibromofluoromethane	93			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	100			%	70 - 130
Surr3 - Toluene-d8	106			%	70 - 130
Surr4 - p-Bromofluorobenzene	108			%	70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	5.6 ug/L	10/13/06 LD
----------	----	---	----	----------	-------------

**Surrogates**

				Units	Control Limits
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



**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: October 13, 2006

Analysis Date: October 13, 2006

ID#'s in Batch: LR 177945, 177518, 177517, 177645, 177654, 177672, 177673, 177565, 177504, 177654, 177665

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

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	592	624	118	125	5

*ND = Not Detected*

*LCS Result = Lab Control Sample Result*

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

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

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

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	91
LCS	136
LCSD	78

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



# ASSOCIATED LABORATORIES

## QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 6

Sample ID: *MS/MSD water sample:*

177769-250

Date Prepared: October 11, 2006

Date Analyzed: October 11, 2006

8:19 PM

Sample Matrix: water

Units: µg/L

Applies to LR: 177769, 177667, 177665, 177669, 177673, 177762, 177705

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	50.42	49.70	101	99	1	22	59 - 172
MTBE	0.00	50.0	47.51	45.72	95	91	4	24	62 - 137
Benzene	0.00	50.0	46.78	45.74	94	91	2	24	62 - 137
Trichloroethene	0.00	50.0	49.77	49.55	100	99	0	21	66 - 142
Toluene	0.00	50.0	49.72	47.66	99	95	4	21	59 - 139
Chlorobenzene	0.00	50.0	46.60	46.90	93	94	1	21	60 - 133

Sample ID: *LCS*

Date Analyzed: October 11, 2006 11:01 AM

Sample Matrix: water

Units: µg/L

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	49.78	100	59 - 172
MTBE	50.0	43.80	88	62 - 137
Benzene	50.0	43.71	87	62 - 137
Trichloroethene	50.0	52.02	104	66 - 142
Toluene	50.0	49.98	100	59 - 139
Chlorobenzene	50.0	49.03	98	60 - 133

\*=Outside QC limits due to high concentration in sample

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

### Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec	MS % Rec	MSD % Rec	LCS % Rec	Limits % Rec
Dibromofluoromethane	92	93	96	95	88	70 - 135
1,2-Dichloroethane-d4	107	100	96	94	90	70 - 135
Toluene-d8	104	106	104	99	109	70 - 135
p-Bromofluorobenzene	107	108	101	96	100	70 - 135



**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: Thrifty oil co Project: \_\_\_\_\_  
 Date Received: 10-6-06  
 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: 4.10c  
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?			
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"/>
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: [Signature] Date: 10-6-06

# Chain of Custody Record

## ASSOCIATED LABORATORIES

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



Company THRIFTY OIL CO. Phone (562) 921-3581 A.L. Job No. 17763 Page 1 of 1  
 Project Manager MICHELLE BUDY BILDEUMA Fax (562) 921-7516  
 Project Name SYSTEM WATER SAMPLING Project # 049  
 Site Name and Address 3400 SAN PABLO AVE  
OAKLAND CA - 94612

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested										Test Instructions & Comments		
							TPH9(3015M)	BTEX(8260B)											
1		10.04.06	12:00	H <sub>2</sub> O	4-VOA	HCL	X	X											GRAB SAMPLE
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

<b>Sample Receipt - To Be Filled By Laboratory</b>				Relinquished by Sampler: <u>F.M.C.</u> 1.	Relinquished by 2.	Relinquished by 3.
Total Number of Containers <u>1</u>	Property Cooled <u>X</u> N/NA	Samples Intact <u>Y</u> N/NA	Samples Accepted <u>Y</u> N	Signature: <u>[Signature]</u>	Signature:	Signature:
Custody Seals <u>Y</u> N/NA	Received In Good Condition <u>Y</u> N	Date: <u>10.04.06</u> Time: <u>16:00</u>	Date:	Printed Name: <u>SERBANT P.</u>	Printed Name:	Printed Name:
<b>Turn Around Time</b>				Received By: <u>G.S.O.</u> 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:	Signature:	Signature: <u>[Signature]</u>
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	Printed Name:	Printed Name: <u>HuG.</u>
		Date:	Time:	Date:	Time:	Date: <u>10-06-06</u> Time: <u>1020</u>

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

10-6-06 3:30