

THRIFTY OIL CO.

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October 27, 2006

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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 94612
3rd Quarter 2006, Status Report

Dear Mr. Plunkett:

Presented herein is the 3rd Quarter 2006, Status Report prepared for former Thrifty Oil Co. (Thrifty) Station #049 located at 3400 San Pablo Avenue, Oakland, California (**Figure 1**). This report presents the results of the site monitoring and remedial activities conducted during the third quarter of 2006.

Should you have any questions regarding this report, please contact either Simon Tregurtha or myself at 562 921-3581.

Respectfully submitted,



Chris Panaitescu
General Manager
Environmental Affairs

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



Summary of Monitoring and Sampling Activities

Thrifty Oil Co. Station #049

Third Quarter 2006

Reporting Period: 7/1/2006 to 9/30/2006

Site Information:

Site address:	TOC SS #049 (ARCO #9535) 3400 San Pablo Avenue Oakland, CA
Global ID No.:	T0600101365
EDF Confirmation No.:	6036525487 / 1006678164
Lead Agency No.:	Local #RO0000004 &
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Steven Plunkett / 510 383-1767
Project Manager:	Simon Tregurtha / 562-921-3581 ext. 404

Field Activity:

Groundwater wells onsite:	8
Groundwater wells offsite:	0
Date(s) monitored:	7/19/2006 / 9/15/2006
Date(s) sampled:	7/19/2006 / 9/15/2006
Groundwater wells gauged:	8 / 4
Groundwater wells sampled:	8 / 4
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):	5.56 to 8.10
Groundwater elevation (feet above mean sea level):	92.06 to 93.29
Groundwater gradient and flow direction:	Southwest at approximately 0.0167 ft./ft.
Consistent with previous quarter:	Consistent with previous quarters

Groundwater Conditions: (Excludes 7/19/2006 results from wells MW-1, MW-3, MW-5, and MW-7)

TPHg concentration (ug/L):	ND<5.6 to 34,500
Benzene concentration (ug/L):	ND<0.32 to 377
Toluene concentration (ug/L):	ND<0.1 to 1,120
Ethyl benzene concentration (ug/L):	ND<0.24 to 627
Total Xylenes concentration (ug/L):	ND<0.3 to 3,950
MTBE concentration (ug/L):	ND<0.63 to 636
DIPE concentration (ug/L):	ND<0.29 to <2.9
ETBE concentration (ug/L):	ND<0.17 to <1.7
TAME concentration (ug/L):	ND<0.28 to 68
TBA concentration (ug/L):	ND<10 to 217

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.):	11,800
Total GW discharge (gal.):	1,609,556 (as of 9/27/2006)
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 July 19, 2006 monitoring data is presented in **Figure 2**. Groundwater elevation data indicates that groundwater flow to the southwest under an approximate gradient of 0.0167 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 July 19, 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. Laboratory analytical results of groundwater samples collected from monitoring wells MW-1, MW-3, MW-5, and MW-7 indicted TPHg, BTEX, and oxygenates at concentrations significantly higher than those reported in the previous several quarters. Elevated concentrations in these wells are thought to be anomalous and may have been due to technician or laboratory error. Monitoring wells MW-1, MW-3, MW-5, and MW-7 were therefore re-sampled on September 15, 2006, and the groundwater samples were delivered by EMC in a chilled state following strict Chain-of-Custody procedures to a state-certified laboratory and analyzed for TPHg by EPA Method 8015M and BTEX, MTBE, and other oxygenates by EPA Method 8260B. A summary of historical analytical sampling results for TPHg, BTEX, and MTBE is provided in **Table 1** and other 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**.

Laboratory results of groundwater samples collected from monitoring wells MW1, MW3, MW5, and MW7 on September 15, 2006 indicated TPHg, benzene and MTBE concentrations significantly lower than those reported in the samples collected from the same wells on July 19, 2006. TPHg, benzene, and MTBE isoconcentration maps in micrograms per liter ($\mu\text{g/L}$) were prepared using data from the July 19 and September 15, 2006, sampling events and are presented in **Figures 3, 4, and 5**, respectively. These figures incorporated data from the September 15, 2006 re-sampling of monitoring wells MW-1, MW-3, MW-5, and MW-7, as the re-sampling data conformed more closely with the historical data from these wells and therefore appears to be more representative of the site conditions. Laboratory results indicate the maximum concentration of benzene was detected in well RW-1R (55 $\mu\text{g/L}$). The maximum MTBE was detected in well RW-1R (636 $\mu\text{g/L}$). The maximum TPHg concentration was detected in well RW-4R (34,500 $\mu\text{g/L}$).

TPHg, benzene, and MTBE concentrations detected in the groundwater sample collected from up-gradient well MW3 on September 15, 2006 (although significantly lower than the sample collected on July 19, 2006) were significantly higher than those reported in the previous several quarters. Based on fourth quarter 2006 groundwater sampling results, Thrifty will determine the likelihood of a new release at the site.

Benzene and MTBE concentrations decreased significantly from the previous quarter in monitoring well MW-4R. TPHg and MTBE decreased significantly from the previous quarter in monitoring well MW-6. No other significant changes occurred in concentrations reported in the wells sampled this quarter with the exception of increased TPHg, benzene, and MTBE concentrations reported in the groundwater sample collected from up-gradient well MW3. These comparisons to the previous quarter's data exclude the July 19, 2006 data from wells MW-1, MW-3, MW-5, and MW-7 which do not appear to be representative of site conditions.

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 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 Advance GeoEnvironmental (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 (**Figures 6 and 7**). The upgraded system is removing 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. Due to the fact that 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 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 September 27, 2006, the upgraded system produced and treated 11,800 gallons of water for a cumulative system total of 1,609,556 gallons (**Table 3**).

On July 11, 2006, Thrifty collected an effluent water sample from the PSP-1 sampling port and submitted the sample for analyses for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B 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 July 11, 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 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 proposed onsite well MW-10 slightly to the west to be more downgradient of the Shell Station. A map with the final locations of the soil borings and wells approved to be installed at the site is attached (**Figure 8**). 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.

Thrifty will install well MW-10 as soon as soon as the driller and consultants can make the necessary arrangements.

The groundwater monitoring wells will be monitored and sampled during the next quarter. All site monitoring/sampling data generated during the next quarter will be reported in the Fourth Quarter 2006 monitoring report.

Closing Comments

All interpretations expressed in this report are based solely upon data collected by EMC and laboratory analyses conducted by Associated Laboratories.

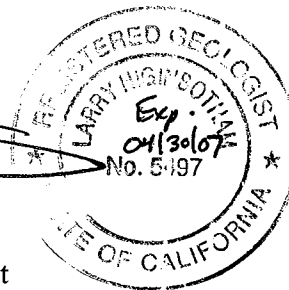
Sincerely,



Simon Tregurtha
Project Manager



Larry Higinbotham, R.G. 5497
California Registered Geologist



TABLES

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

WELL	Monit. Sample Date	ANALYTICAL PARAMETERS										MONITORING PARAMETERS				ELEVATIONS	
		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	07/19/06	17,100	21	279	388	2,010	128	<2.9	<1.7	<2.8	<100	NP	5.92	17.72	0.00	98.03	92.11
MW-2R	07/19/06	15,800	377	629	627	578	530	<2.9	<1.7	68	113	NP	8.10	16.76	0.00	-	-
MW-3	07/19/06	12,900	539	744	169	296	1,640	<2.9	<1.7	173	128	NP	5.63	24.14	0.00	97.69	92.06
MW-4R	07/19/06	34,500	38	1,120	251	3,950	115	<2.9	<1.7	<2.8	<100	NP	6.84	19.62	0.00	-	-
MW-5	07/19/06	3,500	11	584	52	208	<0.63	<0.29	<0.17	<0.28	<10	NP	5.56	13.75	0.00	98.85	93.29
MW-6	07/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	<0.29	<0.17	<0.28	<10	NP	6.54	13.06	0.00	99.67	93.13
MW-7	07/19/06	3,430	58	28 J	<2.4	447	528	<2.9	<1.7	25	216	NP	6.31	13.52	0.00	99.02	92.71
RW-1R	07/19/06	5,020	55	17 J	<2.4	457	636	<2.9	<1.7	<2.8	217	NP	7.10	19.08	0.00	-	-
MW-1	09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	33	<0.29	<0.17	<0.28	<10	NP	6.38	17.72	0.00	98.03	91.65
MW-3	09/15/06	1,750	4.3	68	11	90	502	<0.29	<0.17	38	<10	NP	6.62	24.14	0.00	97.69	91.07
MW-5	09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	1.8	<0.29	<0.17	<0.28	<10	NP	5.81	13.75	0.00	98.85	93.04
MW-7	09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	16	<0.29	<0.17	<0.28	<10	NP	6.72	13.52	0.00	99.02	92.30

NOTE:

TPHg = Total Petroleum Hydrocarbons as gasoline	MTBE = Methyl-tert-butyl ether	DTW = Depth To Water	" - " = Not analyzed / Not available
B = Benzene	DIPE = Isopropyl ether	DTB = Depth To Bottom	" < " = Less than detection level indicated
T = Toluene	ETBE = Ethyl-tert-butyl ether	DTP = Depth To Product	" J " = Flag indicating value between MDL & PQL
E = Ethylbenzene	TAME = Tert-amyl methyl ether	PT = Product Thickness	NP = No free product
X = Total Xylenes	TBA = Tertiary butyl alcohol	GW = Groundwater	

**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)					
MONITORING WELL #MW-1											
<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

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)					
04/23/03	<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
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
MONITORING WELL #MW-2 <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

**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)					
01/21/99	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
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										
MONITORING WELL #MW-2R											
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	-	-	-	-	-	-	-	-	-	-	-

**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)					
MONITORING WELL #MW-3											
<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
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

**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	<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
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
MONITORING WELL #MW-4											
<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

**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)						
04/15/99	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	
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											
MONITORING WELL #MW-4R												
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	-	-	-	-	-	-	-	-	-	-	-	

**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)					
MONITORING WELL #MW-5											
<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
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

**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)					
01/29/03	<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
MONITORING WELL #MW-6 <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

**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)					
07/20/98	<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
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	-	-	-	-	-	-	-	-	-	-	-
MONITORING WELL #MW-7											
<i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	NP	6.30	0.00	99.02	92.72

**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)					
04/13/92	-	-	-	-	-	-	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
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

**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)					
10/20/03	<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
MONITORING WELL #RW-1											
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	-	-
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	-	-

**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	-	-	-	-	-	-	-	-	-	-	-	
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						-	-	-	-	-	-
MONITORING WELL #RW-1R												
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	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	

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	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
MONITORING WELL # MW-1						
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	-	-
MONITORING WELL #MW-2						
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	-	-	-	-	-	-
WELL ABANDONED 01/2004						
MONITORING WELL #MW-2R						
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	-	-	-	-	-	-
MONITORING WELL # MW-3						
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	173	128	-	-
09/15/06	<0.29	<0.17	38	<10	-	-

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

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
MONITORING WELL # MW-4						
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 01/2004						
MONITORING WELL # MW-4R						
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	-	-	-	-	-	-
MONITORING WELL # MW-5						
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	-	-
MONITORING WELL # MW-6						
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	-	-	-	-	-	-
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	-	-	-	-	-	-

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

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
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	-	-
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	-	-	-	-	-	-

NOTE: DIPE, 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	-	5,600	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	-
12/09/91	5,362	4,052	17	-	<0.5	<0.5	<1	<1	-	4,400	1,700	140	3,900	-

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
12/16/91	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 146,430					-	-	-	-	-	-
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	-
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	-

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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
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	117,897	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	-
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	-

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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	
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	6,600	<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	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	

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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
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	*53,600/41,600
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	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-

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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
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	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-

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
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					
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	-	-	-	-	-	-	-	-	-	-	-

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	
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	-	-	-	-	-	-	-	-	-	-	-	-
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					-	-	-	-	-	-	-

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	
01/27/06	6,731.2	1,553,967	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	-	
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	1,602,676	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	-	-	-	-	-	-	-	-	-	-	-	

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	
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		-	-	-	53,600	59	3,630	4,510	7,400	96	
09/27/06	54,160	1,609,556	28	-	-	-	-	-	-	-	-	-	-	-	-

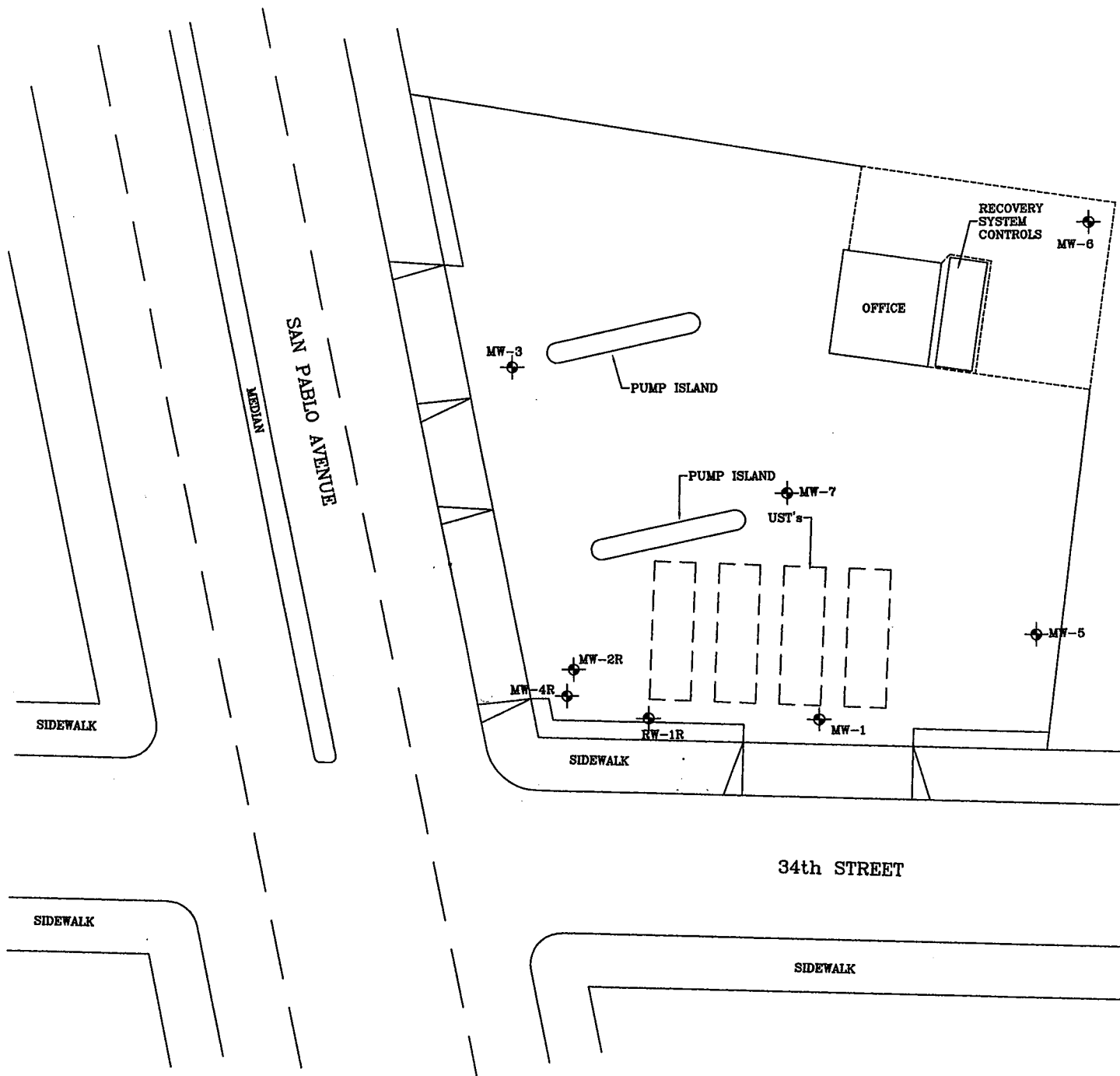
WD PERMIT LIMITS:	<i>NE</i>	5.0	5.0	5.0	5.0
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Note: < = less than laboratory detection level indicated
 - = no sample / not analyzed
 NE = Permit Limit not established




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



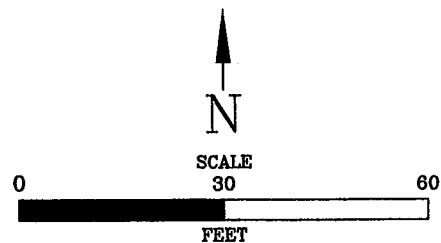
LEGEND

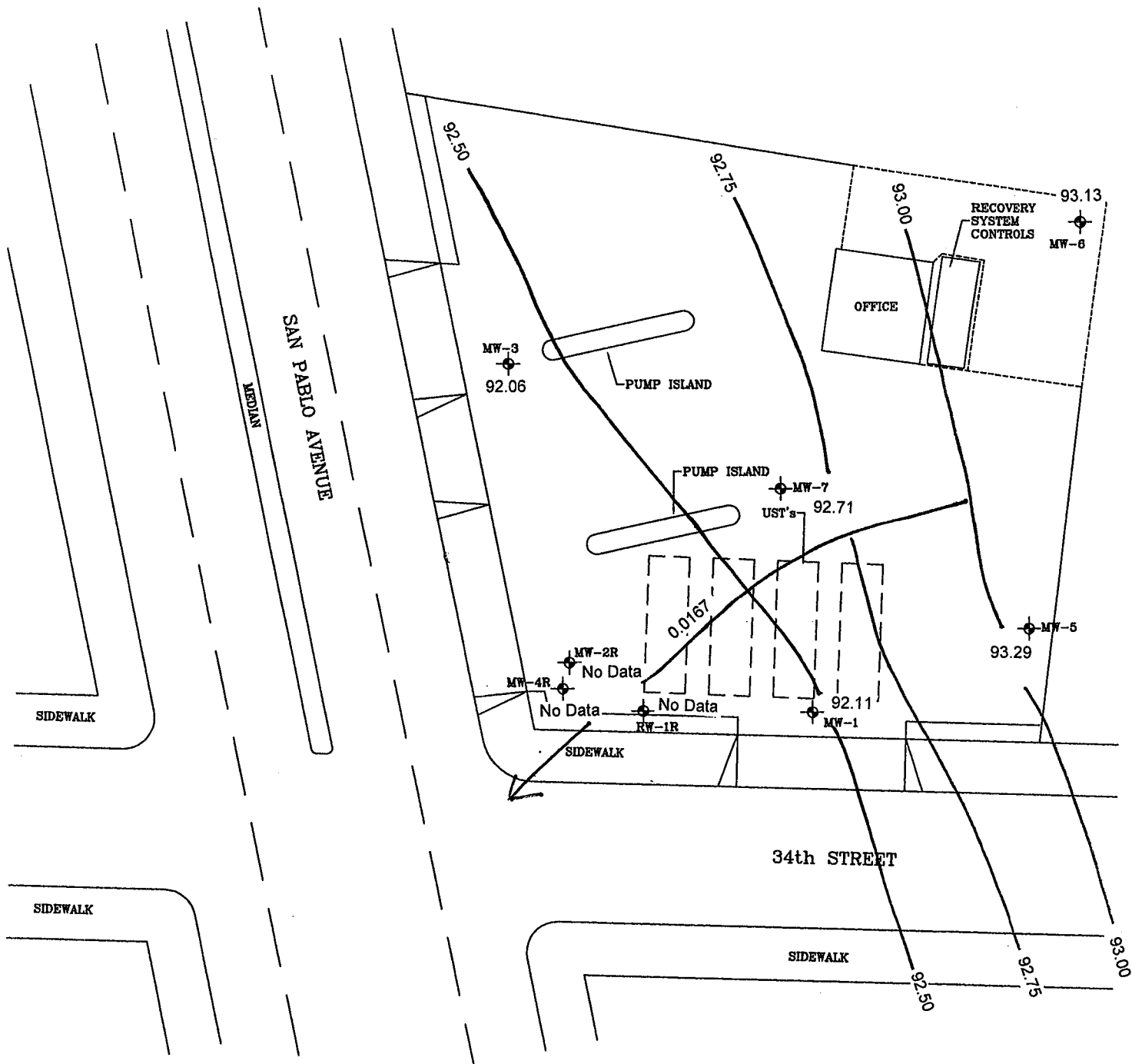
- MW-4R  RECOVERY WELL LOCATION
- MW-1  MONITORING WELL LOCATION
- SB-1  SOIL BORING LOCATION

SITE PLAN
THRIFTY OIL #049
3400 SAN PABLO AVE
OAKLAND, CALIFORNIA



FIGURE:

1





LEGEND

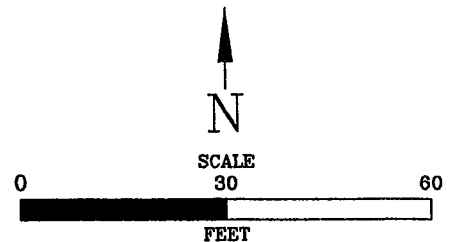
- MW-4R  RECOVERY WELL LOCATION
- MW-1  MONITORING WELL LOCATION
- Data Collected 7/19/2006
- Datum is Mean Sea Level

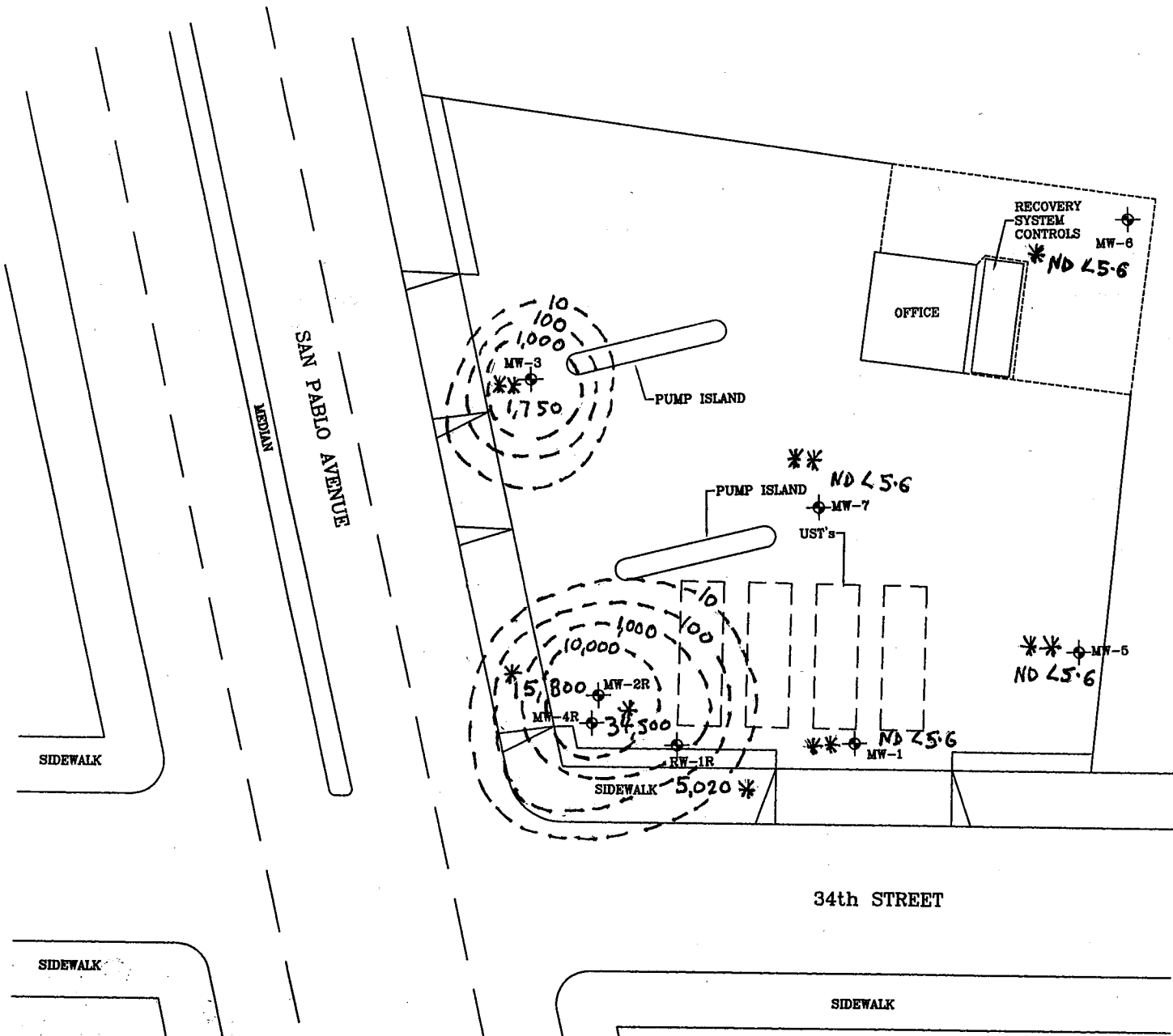
GROUNDWATER CONTOURS

THRIFTY OIL #049
 3400 SAN PABLO AVE
 OAKLAND, CALIFORNIA

FIGURE:

2





LEGEND

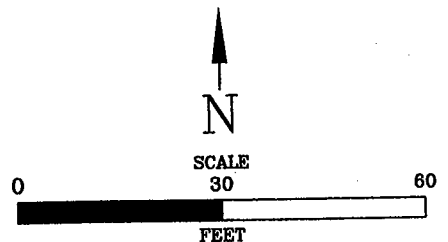
- MW-4R RECOVERY WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- * Samples Collected 7/19/2006
- ** Samples Collected 9/15/2006
- Results in µg/L

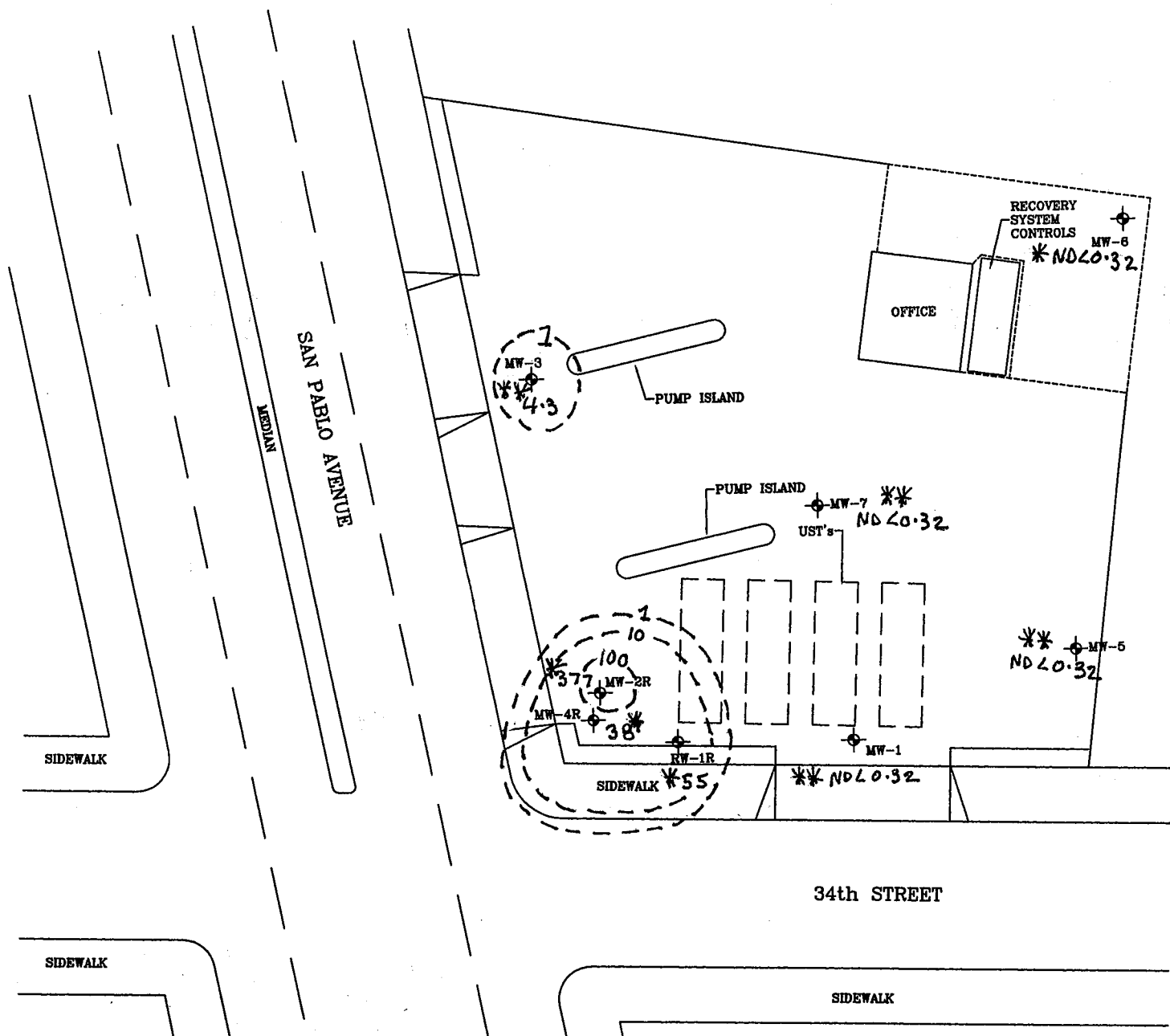
TPHg in GROUNDWATER

THRIFTY OIL #049
 3400 SAN PABLO AVE
 OAKLAND, CALIFORNIA

FIGURE:

3



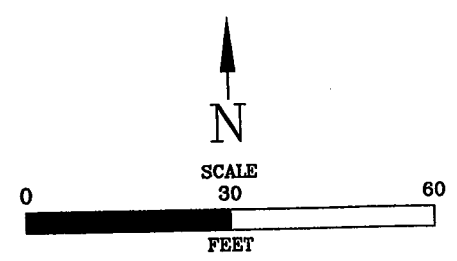


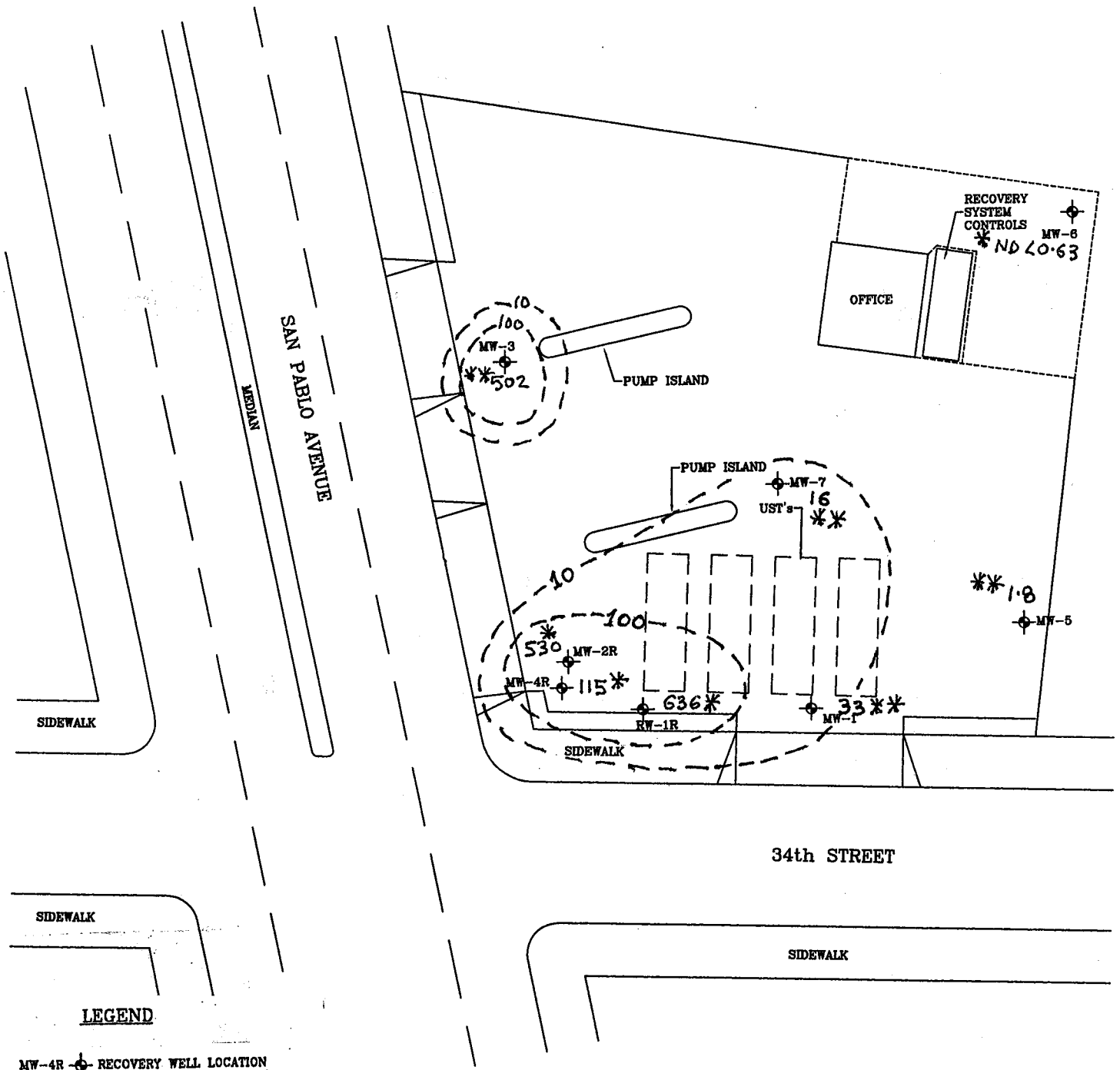
LEGEND

- MW-4R RECOVERY WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- * Samples Collected 7/19/2006
- ** Samples Collected 9/15/2006
- Results in µg/L

Benzene in GROUNDWATER
 THRIFTY OIL #049
 3400 SAN PABLO AVE
 OAKLAND, CALIFORNIA

FIGURE:
 4





LEGEND

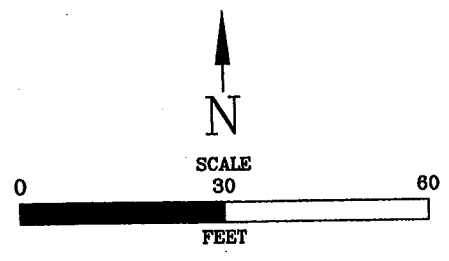
- MW-4R ⊕ RECOVERY WELL LOCATION
- MW-1 ⊕ MONITORING WELL LOCATION
- * Samples Collected 7/19/2006
- ** Samples Collected 9/15/2006
- Results in µg/L

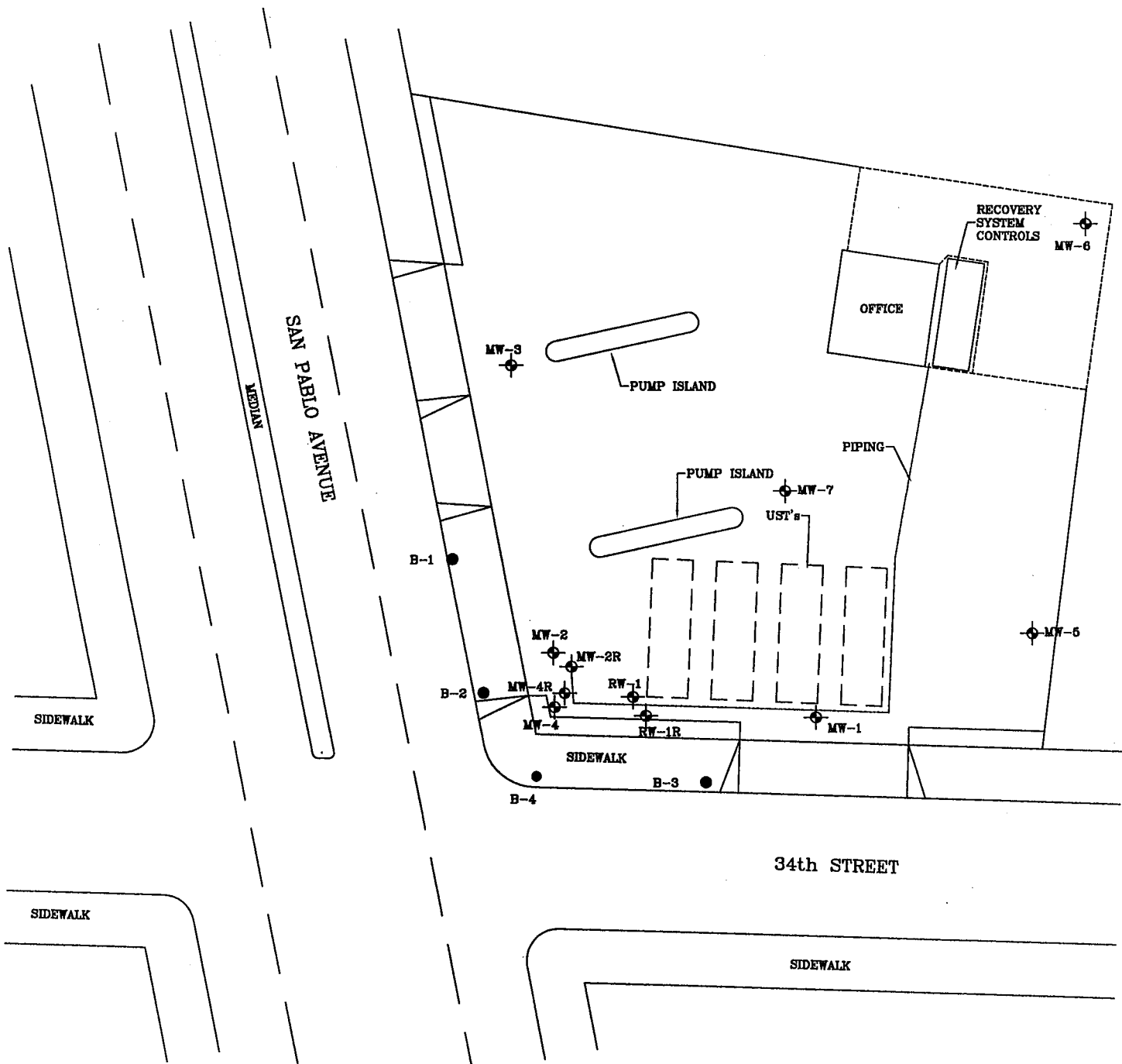
MTBE in GROUNDWATER

THRIFTY OIL #049
 3400 SAN PABLO AVE
 OAKLAND, CALIFORNIA





FIGURE:

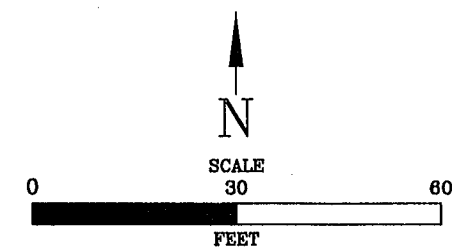
5





LEGEND

- RECOVERY SYSTEM PIPING
- MW-4R  RECOVERY WELL LOCATION
- MW-1  MONITORING WELL LOCATION
- SB-1  SOIL BORING LOCATION
- MW-4  ABANDONED MONITORING WELL LOCATION



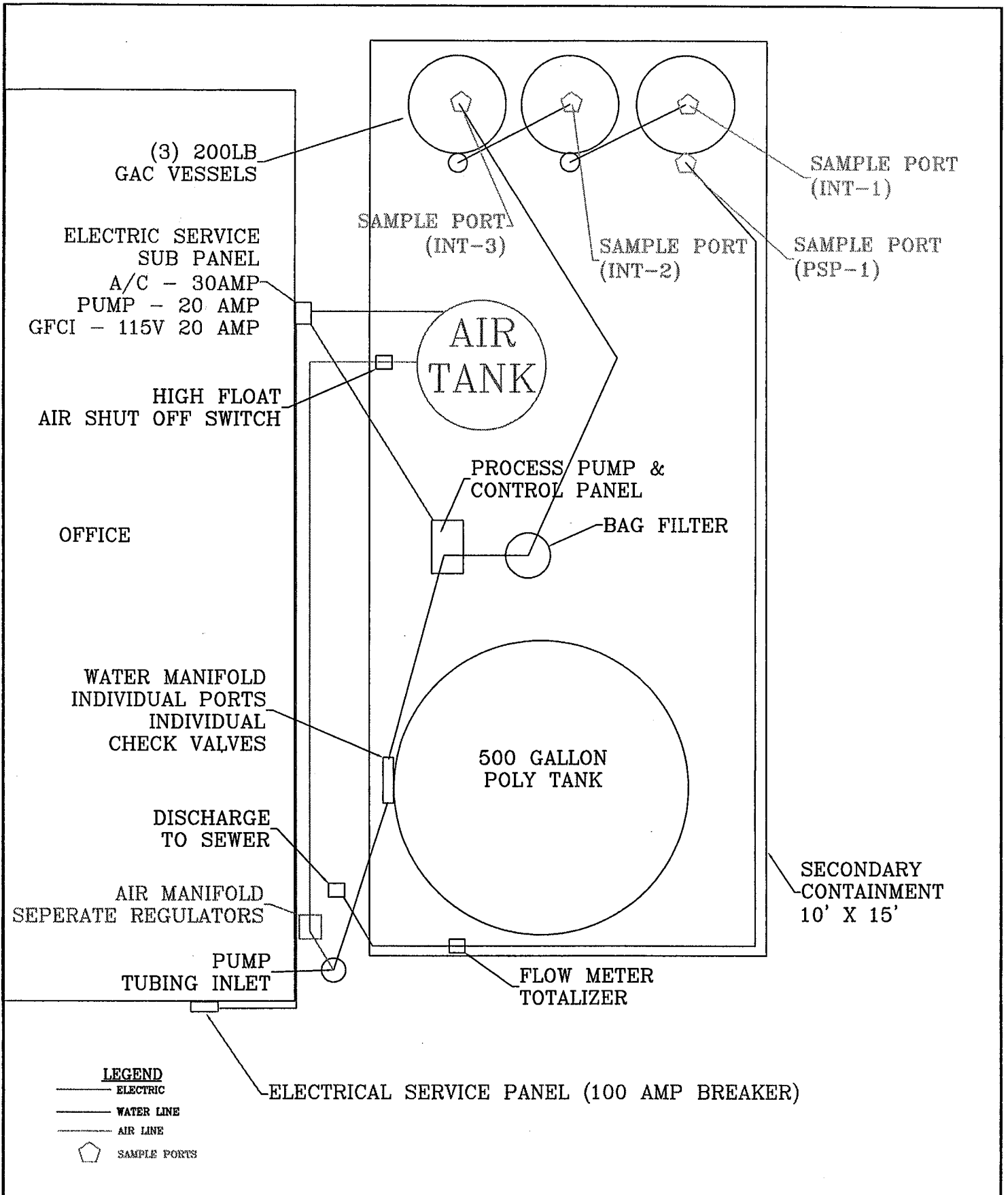
REMEDIATION SYSTEM LAYOUT

Thrifty Oil #49
 3400 San Pablo Avenue
 Oakland, California



Advanced
GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1049	FILE: Thrifty49-2	FIGURE:
DATE: 19 April 2004	DRAWN BY: CRM	6



TREATMENT COMPOUND LAYOUT
THRIFTY OIL STATION #049
3400 SAN PABLO AVENUE
OAKLAND, CALIFORNIA



Advanced
GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1049

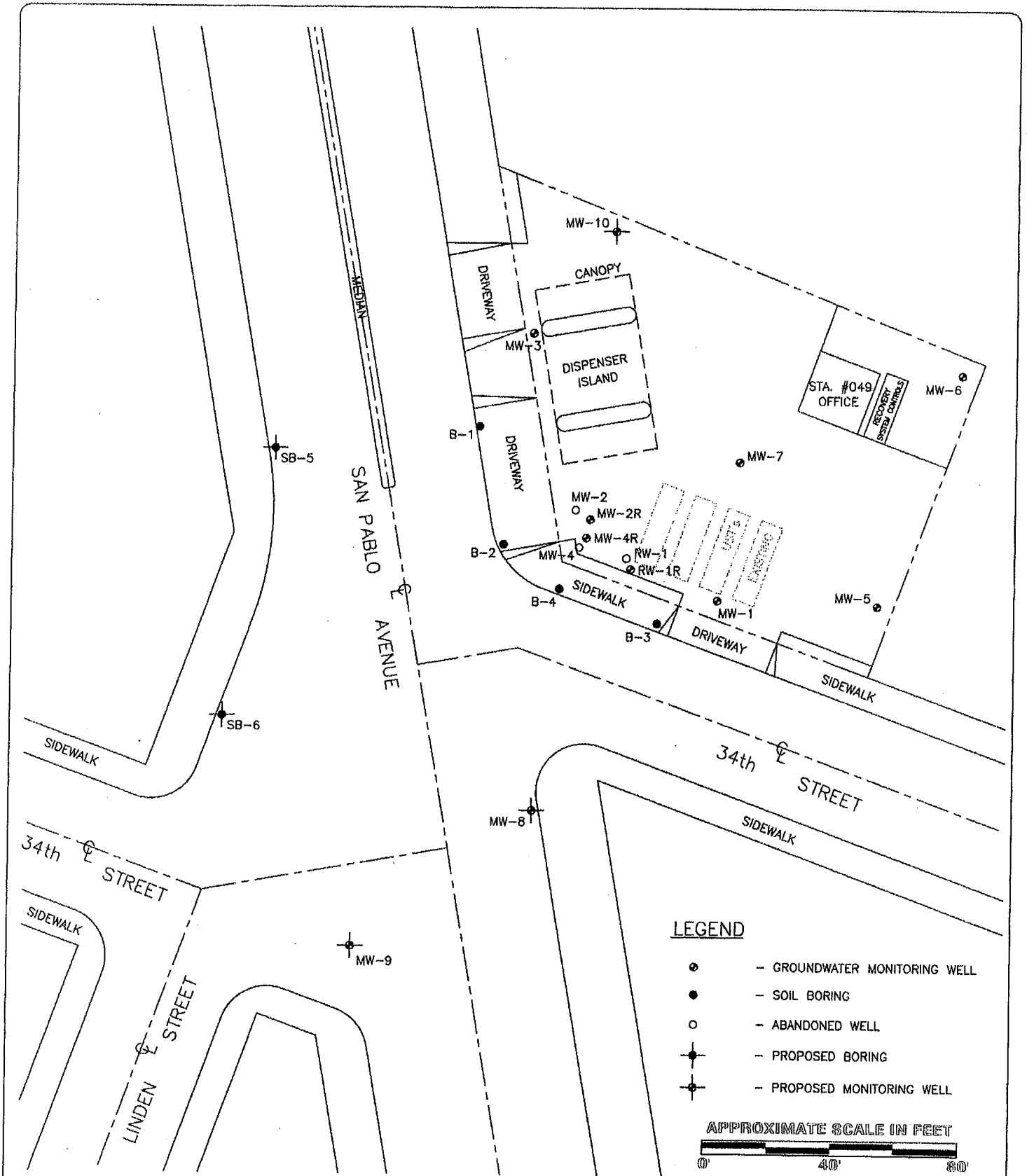
FILE: Thrifty49-6

FIGURE:

DATE: 26 MAY 2004

DRAWN BY: MAC

7





 <p>GEOHYDROLOGIC CONSULTANTS, INC. 3151 Airway Avenue, Bldg. H1 Costa Mesa, CA 92626 www.geohydrologic.com</p>	<p>NORTH</p> 	<p>PROPOSED BORING/WELL LOCATIONS FORMER THRIFTY STATION #049 3400 San Pablo Avenue Oakland, CA</p>
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Figure 8

APPENDIX A



PROJECT STATUS REPORT

SITE: THRIFTY OIL CO. #049
 ADDRESS: 3400 SAN PABLO AVE.
OAKLAND, CA.94612
 DATE: 07-19-06
 PERSONNEL: SERBAH

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	WC (FT)	DIA (IN)	PURGE (GAL)		COMMENT
							EST.	ACT.	
MONTHLY/QUARTERLY									
MW-1		5.92	17.72		11.80	2"	8	8	
MW-2R		8.10	16.76		8.66	4"	23	23	
MW-3		5.63	24.14		18.51	2"	12	12	
MW-4R		6.84	19.62		12.78	4"	33	33	
MW-5		5.56	13.75		8.19	2"	5	5	
MW-6		6.54	13.06		6.52	2"	4	5	
MW-7		6.31	13.52		7.21	4"	18	18	
RW-1R		7.10	19.08		11.98	4"	31	31	

FREE PRODUCT REMOVED: APPROX. _____ GALLONS PURGE-WATER REMOVED: APPROX. 135 GALLONS

REMARKS: PURGE WATER WAS TRANSFER 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

REV: 6/30/2004

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-19-06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	RW-1R	Equip:	BAUER

Before Purging:			
Total Well Depth (ft.)	19.08	Well Diameter	4 1/4
Depth to Water (ft)	7.10	Est. Purge Volume:	31

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:49	9:55	10:01	10:08	10:15		
EC	1510	1490	1480	1490	1490		
pH	5.83	5.96	6.03	5.96	5.96		
Temp	71.4	71.6	71.3	71.2	71.3		
Gal.	6	12	18	24	31		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	10.16	Total Well Depth (ft.)	19.08

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-19-06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	MW-7	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	13.54	Well Diameter	4"
Depth to Water (ft)	6.31	Est. Purge Volume:	18

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	8:25	8:29	8:32	8:36	8:40	
EC	1690	1670	1640	1630	1640	
pH	6.03	6.11	6.17	6.09	6.09	
Temp	71.6	71.3	71.5	71.6	71.4	
Gal.	3	7	10	14	18	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.04	Total Well Depth (ft.)	13.52

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u># 049</u>	Date: <u>07-19-06</u>
Address: _____	
Personnel: <u>SERBAN,</u>	Weather: <u>SUNNY DAY</u>
Well No: <u>MW-6</u>	Equip: <u>BAILER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>13.06</u>	Well Diameter	<u>2"</u>
Depth to Water (ft)	<u>6.54</u>	Est. Purge Volume:	<u>4</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	<u>7:56</u>	<u>7:57</u>	<u>7:58</u>	<u>7:59</u>	<u>8:00</u>		
EC	<u>1640</u>	<u>1610</u>	<u>1590</u>	<u>1570</u>	<u>1570</u>		
pH	<u>5.70</u>	<u>5.74</u>	<u>5.71</u>	<u>5.73</u>	<u>5.71</u>		
Temp	<u>71.4</u>	<u>71.3</u>	<u>71.1</u>	<u>70.8</u>	<u>70.7</u>		
Gal.	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	<u>9.18</u>	Total Well Depth(ft.)	<u>13.06</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	<u>W 049</u>	Date:	<u>07-19-06</u>
Address:			
Personnel:	<u>SERBATA</u>	Weather:	<u>SUNNY DAY</u>
Well No:	<u>MW-5</u>	Equip:	<u>BAILER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>13.77</u>	Well Diameter	<u>24</u>
Depth to Water (ft)	<u>5.56</u>	Est. Purge Volume:	<u>5</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:02	9:04	9:06	9:08	9:10		
EC	1610	1590	1570	1570	1590		
pH	6.11	6.14	6.21	6.09	6.09		
Temp	21.3	21.4	21.6	21.6	21.4		
Gal.	1	2	3	4	5		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	<u>9.11</u>
Total Well Depth (ft.)	<u>13.75</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-19-06
Address:			
Personnel:	JERBAH	Weather:	SUNNY DAY
Well No:	MW-4R	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	19.63	Well Diameter	4"
Depth to Water (ft)	6.84	Est. Purge Volume:	33

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:24	10:32	10:40	10:48	10:55		
EC	1620	1630	1620	1610	1610		
pH	6.05	6.07	6.05	6.06	6.05		
Temp	71.8	71.6	71.7	71.8	71.7		
Gal.	6	13	19	26	33		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	10.14	Total Well Depth(ft).	19.62

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 044	Date:	70-12-06
Address:			
Personnel:	SERBADI	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	24.13	Well Diameter	24
Depth to Water (ft)	5.63	Est. Purge Volume:	12

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	8:48	8:51	8:54	8:57	9:00		
EC	1710	1690	1670	1650	1650		
pH	6.11	6.09	6.21	6.21	6.19		
Temp	71.7	71.5	71.2	71.5	71.3		
Gal.	2	4	7	9	12		
Time							
EC							
pH							
Temp							
Gal.							

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

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-19-06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	MW-2R	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	16.76	Well Diameter	4"
Depth to Water (ft)	8.10	Est. Purge Volume:	23

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:20	9:25	9:30	9:35	9:40		
EC	1670	1690	1670	1660	1660		
pH	6.09	6.11	6.03	6.04	6.09		
Temp	71.8	71.6	71.4	71.3	71.2		
Gal.	4	9	13	18	23		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.32	Total Well Depth(ft.)	16.73

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	<u>1049</u>	Date:	<u>07-19-06</u>
Address:			
Personnel:	<u>SERBAH</u>	Weather:	<u>SUNNY DAY</u>
Well No:	<u>MW-1</u>	Equip:	<u>BAILER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>17.72</u>	Well Diameter	<u>2"</u>
Depth to Water (ft)	<u>5.92</u>	Est. Purge Volume:	<u>8</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	<u>8:07</u>	<u>8:09</u>	<u>8:11</u>	<u>8:13</u>	<u>8:15</u>		
EC	<u>1470</u>	<u>1460</u>	<u>1490</u>	<u>1510</u>	<u>1510</u>		
pH	<u>5.97</u>	<u>5.93</u>	<u>5.82</u>	<u>5.87</u>	<u>5.91</u>		
Temp	<u>71.3</u>	<u>71.4</u>	<u>71.5</u>	<u>71.7</u>	<u>71.6</u>		
Gal.	<u>1</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>8</u>		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	<u>8.24</u>	Total Well Depth(ft).	<u>17.72</u>



PROJECT STATUS REPORT

SITE: THRIFTY OIL CO #049
 ADDRESS: 3400 SAN PABLO AVE
OAKLAND, CA.94612
 DATE: 09.15.06
 PERSONNEL: SERBAN

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	WC (FT)	DIA (IN)	PURGE (GAL)		COMMENT
							EST.	ACT.	
MONTHLY/QUARTERLY									
MW-1 X		6.38	17.72		11.34	2"	7	7	
MW-2R						4"			
MW-3 X		6.62	24.14		17.52	2"	11	11	
MW-4R						4"			
MW-5 X		5.81	13.75		7.94	2"	5	5	
MW-6						2"			
MW-7 X		6.72	13.52		6.80	4"	18	18	
RW-1R						4"			

FREE PRODUCT REMOVED: _____ APPROX. _____ GALLONS
 PURGE-WATER REMOVED: _____ APPROX. _____ GALLONS

REMARKS: MONITORING WELLS AND TAKE WATER SAMPLE FROM MW-1, MW-3, MW-5 AND MW-7
WATER FROM SAMPLING WAS PUMP IN HOLDING TANK

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	09.15.06
Address:			
Personnel:	SERBAY,	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	24.13	Well Diameter	2"
Depth to Water (ft.)	6.62	Est. Purge Volume:	11

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	9:22	9:24	9:26	9:28	9:30	
EC	1680	1710	1720	1730	1720	
pH	5.56	5.62	5.60	5.61	5.62	
Temp	71.6	71.3	71.1	70.9	70.8	
Gal.	2	4	6	8	11	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	10.14
Total Well Depth (ft.)	24.14

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	09.15.06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	MW-7	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.52	Well Diameter	4"
Depth to Water (ft)	6.72	Est. Purge Volume:	18

Sampling Data:

Initial Turbidity:

Final Turbidity:

Time	9:50	9:55	10:00	10:05	10:10		
EC	1810	1830	1820	1850	1820		
pH	5.81	5.93	6.06	6.11	6.11		
Temp	72.4	72.3	72.1	72.2	72.1		
Gal.	3	7	10	14	18		

Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection

Depth to Water (ft.)	9.17	Total Well Depth(ft).	13.52
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FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	09.15.09
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-1	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	17.72	Well Diameter	2"
Depth to Water (ft)	6.38	Est. Purge Volume:	7

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	9:00	9:03	9:05	9:07	9:10	
EC	1530	1520	1540	1520	1530	
pH	6.34	6.36	6.42	6.40	6.36	
Temp	71.4	71.3	71.2	71.2	71.1	
Gal.	3	4	5	6	7	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.11	Total Well Depth(ft.)	17.72

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	09.15.06
Address:			
Personnel:	SERDAN	Weather:	SUNNY DAY
Well No:	MW-5	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.76	Well Diameter	2"
Depth to Water (ft)	5.81	Est. Purge Volume:	5

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:32	9:34	9:36	9:38	9:40		
EC	1730	1710	1720	1710	1720		
pH	5.83	5.86	5.81	5.83	5.84		
Temp	71.3	71.4	71.6	71.7	71.8		
Gal.	1	2	3	4	5		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft)	8.06	Total Well Depth(ft).	13.75

Chain of Custody Record



Company _____				Phone _____			A.L. Job No. _____										Page _____ of _____	
Project Manager _____				Fax _____			Analysis Requested										Test Instructions & Comments	
Project Name _____				Project # _____														
Site Name and Address _____																		
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.												
1			11:20															
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
Sample Receipt - To Be Filled By Laboratory							Relinquished by Sampler: 1.			Relinquished by 2.			Relinquished by 3.					
Total Number of Containers _____		Properly Cooled Y / N / NA _____		Signature: _____			Signature: _____			Signature: _____								
Custody Seals Y / N / NA _____		Samples Intact Y / N / NA _____		Printed Name: _____			Printed Name: _____			Printed Name: _____								
Received in Good Condition Y / N _____		Samples Accepted Y / N _____		Date: _____ Time: _____		Date: _____ Time: _____		Date: _____ Time: _____		Date: _____ Time: _____								
Turn Around Time							Received By: 1.			Received By: 2.			Received By: 3.					
<input type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.							Signature: _____			Signature: _____			Signature: _____					
							Printed Name: _____			Printed Name: _____			Printed Name: _____					
							Date: _____		Time: _____	Date: _____		Time: _____	Date: _____		Time: _____			

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 173445 ✓

REPORTED 08/08/2006

RECEIVED 07/21/2006

PROJECT Station #049 ✓
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS

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

<u>Order No.</u>	<u>Client Sample Identification</u>
728169	TOC # 049 MW-6
728170	TOC # 049 MW-1
728171	TOC # 049 MW-7
728172	TOC # 049 MW-3
728173	TOC # 049 MW-5
728174	TOC # 049 MW-2R
728175	TOC # 049 RW-1R
728176	TOC # 049 MW-4R
728177	TOC # 049 Trip Blank
728178	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 #: 728169

Client Sample ID: TOC # 049 MW-6

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:00

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

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/24/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	07/24/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/24/06 RP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/24/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/24/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/24/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/24/06 RP
Toluene	ND	1	5	0.10	ug/L	07/24/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	07/24/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	79			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	94			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	114			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/24/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	81			%	55 - 200

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



Order #: 728170

Client Sample ID: TOC # 049 MW-1

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	21	10	10.0	0.32	ug/L	07/24/06 RP
Ethyl benzene	388	10	50.0	0.24	ug/L	07/24/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/24/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/24/06 RP
Methyl-tert-butylether (MTBE)	128	10	10.0	0.63	ug/L	07/24/06 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	07/24/06 RP
Tertiary butyl alcohol (TBA)	ND	10	100.0	10	ug/L	07/24/06 RP
Toluene	279	10	50.0	0.10	ug/L	07/24/06 RP
Xylenes, total	2010	10	50.0	0.3	ug/L	07/24/06 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	77			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	100			%	70 - 130	
Surr3 - Toluene-d8	101			%	70 - 130	
Surr4 - p-Bromofluorobenzene	107			%	70 - 130	
8015B - Gasoline						
Gasoline	17100	10	500.0	5.6	ug/L	07/24/06 LD
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	119			%	55 - 200	

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



Order #: 728171

Client Sample ID: TOC # 049 MW-7

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	58	10	10.0	0.32	ug/L	07/24/06 RP
Ethyl benzene	ND	10	50.0	0.24	ug/L	07/24/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/24/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/24/06 RP
Methyl-tert-butylether (MTBE)	528	10	10.0	0.63	ug/L	07/24/06 RP
Tert-amylmethylether (TAME)	25	10	10.0	0.28	ug/L	07/24/06 RP
Tertiary butyl alcohol (TBA)	216	10	100.0	10	ug/L	07/24/06 RP
Toluene	28	J 10	50.0	0.10	ug/L	07/24/06 RP
Xylenes, total	447	10	50.0	0.3	ug/L	07/24/06 RP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	84	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	103	%	70 - 130

8015B - Gasoline

Gasoline	3430	5	250.0	5.6	ug/L	07/25/06 LD
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Surrogates		Units	Control Limits
a,a,a-Trifluorotoluene	126	%	55 - 200

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



Order #: 728172

Client Sample ID: TOC # 049 MW-3

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	539	10	10.0	0.32	ug/L	07/24/06 RP
Ethyl benzene	169	10	50.0	0.24	ug/L	07/24/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/24/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/24/06 RP
Methyl-tert-butylether (MTBE)	1640	10	10.0	0.63	ug/L	07/24/06 RP
Tert-amylmethylether (TAME)	173	10	10.0	0.28	ug/L	07/24/06 RP
Tertiary butyl alcohol (TBA)	128	10	100.0	10	ug/L	07/24/06 RP
Toluene	744	10	50.0	0.10	ug/L	07/24/06 RP
Xylenes, total	296	10	50.0	0.3	ug/L	07/24/06 RP
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	82			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	102			%	70 - 130	
Surr3 - Toluene-d8	103			%	70 - 130	
Surr4 - p-Bromofluorobenzene	103			%	70 - 130	
8015B - Gasoline						
Gasoline	12900	10	500.0	5.6	ug/L	07/24/06 LD
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



Order #: 728173

Client Sample ID: TOC # 049 MW-5

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:40

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

Benzene	11	1	1	0.32	ug/L	07/28/06 RP
Ethyl benzene	52	1	5	0.24	ug/L	07/28/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/28/06 RP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/28/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/28/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/28/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/28/06 RP
Toluene	584	10	50.0	0.10	ug/L	07/26/06 RP
Xylenes, total	208	1	5	0.3	ug/L	07/28/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	80			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	90			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	92			%	70 - 130

8015B - Gasoline

Gasoline	3500	5	250.0	5.6	ug/L	07/25/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	93			%	55 - 200

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

ND = Not detected below indicated MDL, J=Trace



Order #: 728174

Client Sample ID: TOC # 049 MW-2R

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 11:50

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

Benzene	377	10	10.0	0.32	ug/L	07/25/06 RP
Ethyl benzene	627	10	50.0	0.24	ug/L	07/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/25/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/25/06 RP
Methyl-tert-butylether (MTBE)	530	10	10.0	0.63	ug/L	07/25/06 RP
Tert-amylmethylether (TAME)	68	10	10.0	0.28	ug/L	07/25/06 RP
Tertiary butyl alcohol (TBA)	113	10	100.0	10	ug/L	07/25/06 RP
Toluene	629	10	50.0	0.10	ug/L	07/25/06 RP
Xylenes, total	578	10	50.0	0.3	ug/L	07/25/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	79			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	94			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	100			%	70 - 130

8015B - Gasoline

Gasoline	15800	20	1000.0	5.6	ug/L	07/25/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	129			%	55 - 200

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



Order #: 728175

Client Sample ID: TOC # 049 RW-1R

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 12:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	55	10	10.0	0.32	ug/L	07/25/06 RP
Ethyl benzene	ND	10	50.0	0.24	ug/L	07/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/25/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/25/06 RP
Methyl-tert-butylether (MTBE)	636	10	10.0	0.63	ug/L	07/25/06 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	07/25/06 RP
Tertiary butyl alcohol (TBA)	217	10	100.0	10	ug/L	07/25/06 RP
Toluene	17	J 10	50.0	0.10	ug/L	07/25/06 RP
Xylenes, total	457	10	50.0	0.3	ug/L	07/25/06 RP
Surrogates						
					Units	Control Limits
Surr1 - Dibromofluoromethane	78				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	100				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	104				%	70 - 130
8015B - Gasoline						
Gasoline	5020	5	250.0	5.6	ug/L	07/25/06 LD
Surrogates						
					Units	Control Limits
a,a,a-Trifluorotoluene	131				%	55 - 200

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



Order #: 728176

Client Sample ID: TOC # 049 MW-4R

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 13:05

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

Benzene	38	10	10.0	0.32	ug/L	07/25/06 RP
Ethyl benzene	251	10	50.0	0.24	ug/L	07/25/06 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/25/06 RP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/25/06 RP
Methyl-tert-butylether (MTBE)	115	10	10.0	0.63	ug/L	07/25/06 RP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	07/25/06 RP
Tertiary butyl alcohol (TBA)	ND	10	100.0	10	ug/L	07/25/06 RP
Toluene	1120	10	50.0	0.10	ug/L	07/25/06 RP
Xylenes, total	3950	10	50.0	0.3	ug/L	07/25/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	89			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101			%	70 - 130
Surr3 - Toluene-d8	95			%	70 - 130
Surr4 - p-Bromofluorobenzene	94			%	70 - 130

8015B - Gasoline

Gasoline	34500	20	1000.0	5.6	ug/L	07/25/06 LD
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Surrogates

				Units	Control Limits
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 #: 728177

Client Sample ID: TOC # 049 Trip Blank

Matrix: WATER

Date Sampled: 07/19/2006 Time Sampled: 00:00

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

Benzene	ND	1	1	0.32	ug/L	07/25/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/06 RP
Toluene	ND	1	5	0.10	ug/L	07/25/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	07/25/06 RP

Surrogates

					Units	Control Limits
Surr1 - Dibromofluoromethane	87				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	93				%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/24/06 LD
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Surrogates

					Units	Control Limits
a,a,a-Trifluorotoluene	74				%	55 - 200

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

ND = Not detected below indicated MDL, J=Trace



Order #: 728178

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

Benzene	ND	1	1	0.32	ug/L	07/24/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	07/24/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/24/06 RP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/24/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/24/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/24/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/24/06 RP
Toluene	ND	1	5	0.10	ug/L	07/24/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	07/24/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	76			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	94			%	70 - 130
Surr3 - Toluene-d8	100			%	70 - 130
Surr4 - p-Bromofluorobenzene	104			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/24/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	82			%	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: G15-LCS&LCSD
 Matrix: WATER
 Prep. Date: July 24, 2006
 Analysis Date: July 24, 2006
 ID#'s in Batch: LR 173443, 173340, 173369, 173445, 173465, 173393

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	502	649	100	130	26

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	79
LCS	109
LCSD	120

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: July 25, 2006

Analysis Date July 25, 2006

ID#'s in Batch: LR 173555, 173369, 173393, 173445, 173819, 173469, 173877, 173

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	604	607	121	121	0

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	97
LCS	115
LCSD	118

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD
 Matrix: WATER
 Prep. Date: July 26, 2006
 Analysis Date: July 27, 2006
 ID#'s in Batch: LR 173608, 173559, 173660, 173625, 173445

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	566	641	113	128	12

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	79
LCS	125
LCSD	125

AAA-TFT = a,a,a-Trifluorotoluene

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

Sample ID: MS/MSD Water Samples 173445-169
 Date Prep: July 24, 2006
 Date Analyzed: July 24, 2006 10:43 PM
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 173415 173445 173182 173335

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits %REC
1,1-Dichloroethene	0.00	50.0	47.13	49.08	94	98	4	22	59-172
MTBE	0.00	50.0	50.80	54.13	102	108	6	24	62-137
Benzene	0.00	50.0	50.06	43.48	100	87	14	24	62-137
Trichloroethene	0.00	50.0	43.31	47.48	87	95	9	21	66-142
Toluene	0.00	50.0	43.66	47.02	87	94	7	21	59-139
Chlorobenzene	0.00	50.0	43.11	44.66	86	89	4	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	41.47	83	59-172
MTBE	50.0	44.88	90	62-137
Benzene	50.0	43.93	88	62-137
Trichloroethene	50.0	41.99	84	66-142
Toluene	50.0	41.42	83	59-139
Chlorobenzene	50.0	40.72	81	60-133

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

Surrogate Recovery

Compound	MB	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	76	86	85	82	70-135
1,2-Dichloroethane-d4	94	106	110	103	70-135
Toluene-d8	100	95	102	99	70-135
p-Bromofluorobenzene	104	95	99	101	70-135

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

Sample ID: MS/MSD Water Samples 173536-559
 Date Prep: July 25, 2006
 Date Analyzed: July 26, 2006 1:59 AM
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 173461 173445 173340 173536

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	43.23	45.75	86	92	6	22	59-172
MTBE	0.00	50.0	46.57	48.55	93	97	4	24	62-137
Benzene	0.00	50.0	49.80	50.58	100	101	2	24	62-137
Trichloroethene	0.00	50.0	45.97	45.38	92	91	1	21	66-142
Toluene	0.00	50.0	45.33	42.22	91	84	7	21	59-139
Chlorobenzene	0.00	50.0	44.07	42.59	88	85	3	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	39.61	79	59-172
MTBE	50.0	42.57	85	62-137
Benzene	50.0	43.72	87	62-137
Trichloroethene	50.0	40.13	80	66-142
Toluene	50.0	40.12	80	59-139
Chlorobenzene	50.0	40.04	80	60-133

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

Surrogate Recovery

Compound	MB	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	71	89	93	87	70-135
1,2-Dichloroethane-d4	95	98	102	100	70-135
Toluene-d8	100	102	99	101	70-135
p-Bromofluorobenzene	106	98	101	98	70-135

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

Sample ID: MS/MSD Water Samples 173529-529
 Date Prep: July 26, 2006
 Date Analyzed: July 26, 2006 #####
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 173445 173536 173244 173529

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits %REC
1,1-Dichloroethene	0.00	50.0	47.03	47.60	94	95	1	22	59-172
MTBE	0.00	50.0	63.08	64.04	126	128	2	24	62-137
Benzene	0.00	50.0	53.14	52.97	106	106	0	24	62-137
Trichloroethene	0.00	50.0	45.19	47.62	90	95	5	21	66-142
Toluene	0.00	50.0	47.02	45.87	94	92	2	21	59-139
Chlorobenzene	0.00	50.0	43.75	43.70	88	87	0	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	48.05	96	59-172
MTBE	50.0	50.97	102	62-137
Benzene	50.0	52.13	104	62-137
Trichloroethene	50.0	47.90	96	66-142
Toluene	50.0	46.52	93	59-139
Chlorobenzene	50.0	48.15	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	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	79	96	99	95	70-135
1,2-Dichloroethane-d4	100	105	107	102	70-135
Toluene-d8	103	97	101	104	70-135
p-Bromofluorobenzene	105	98	104	100	70-135

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

Sample ID: MS/MSD Water Samples 173684-215
 Date Prep: July 27, 2006
 Date Analyzed: July 28, 2006 #####
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 169733 173529 173536 173684 173445

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	45.26	48.69	91	97	7	22	59-172
MTBE	0.00	50.0	52.86	55.01	106	110	4	24	62-137
Benzene	0.00	50.0	50.05	52.83	100	106	5	24	62-137
Trichloroethene	0.00	50.0	44.91	49.05	90	98	9	21	66-142
Toluene	0.00	50.0	43.85	48.52	88	97	10	21	59-139
Chlorobenzene	0.00	50.0	41.48	45.51	83	91	9	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	48.16	96	59-172
MTBE	50.0	48.38	97	62-137
Benzene	50.0	52.35	105	62-137
Trichloroethene	50.0	43.15	86	66-142
Toluene	50.0	43.81	88	59-139
Chlorobenzene	50.0	42.60	85	60-133

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

Surrogate Recovery

Compound	MB	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	84	93	96	94	70-135
1,2-Dichloroethane-d4	92	90	101	91	70-135
Toluene-d8	101	95	100	109	70-135
p-Bromofluorobenzene	95	98	99	98	70-135

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD
 Matrix: WATER
 Prep. Date: July 24, 2006
 Analysis Date: July 24, 2006
 ID#'s in Batch: LR 173445, 173469, 173461

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	588	604	118	121	3

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	82
LCS	103
LCSD	103

AAA-TFT = a,a,a-Trifluorotoluene



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: Q.W.S
 Date Received: 7/21/06
 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: 3.8°C
 (Acceptance range is 2 to 6 Deg. C.)

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"/>		
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

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

Completed By: mw Date: 7/21/06



Chain of Custody Record

173445

Company THRIFTY OIL CO.	Phone (562) 921-3581	A.L. Job No.	Page _____ of _____
Project Manager JEFF SURYAKUSUMI	Fax (562) 921-7510	Analysis Requested	
Project Name G. W. S -	Project # 049		
Site Name and Address 3400 SAN PABLO AVE OAKLAND CA. 94612			

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH4(3015M)	BTEX(8260B)	OXYGENATED	Test Instructions & Comments
1	MW-6	07-19-06	11:00	H ₂ O	3-VOA	HCL	X	X	X	ANALYSIS REQUIRED FOR OXYGENATED COMPOUNDS USED IN CA. GASOLINE BY EPA 8260B 1-TERTIARY BUTANOL 2-MTBE 3-D.I.P.E 4-E.T.B.E. 5-T.A.M.E.
2	MW-1		11:10				X	X	X	
3	MW-7		11:20				X	X	X	
4	MW-3		11:30				X	X	X	
5	MW-5		11:40				X	X	X	
6	MW-2R		11:50				X	X	X	
7	RW-1R		12:20				X	X	X	
8	MW-4R		13:05				X	X	X	
9	TRIP BLANK		00:00		2-VOA	HCL	X	X		
10										
11										
12										
13										
14										
15										

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C. 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	26	Properly Cooled	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Signature:	<i>[Signature]</i>	Signature:		Signature:	
Custody Seals	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Samples Intact	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Printed Name:	SURYAKUSUMI	Printed Name:		Printed Name:	
Received in Good Condition	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Samples Accepted	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Date:		Date:		Date:	
Turn Around Time				Received By: G.S.O. 1.		Received By: 2.		Received By: 3.	
<input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:	<i>[Signature]</i>	Signature:		Signature:	
				Printed Name:		Printed Name:	AVON VV	Printed Name:	
				Date:		Date:	7/21/06	Date:	
				Time:		Time:	1040	Time:	

APPENDIX C

069

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: 08.29.06

OBSERVATIONS AND
COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL, BELT,

ADJUST PRESSURE REGULATOR FOR ALL PUMPS, CHECK

WATER FILTER BAG, CLEAN INSIDE AND OUTSIDE COMPOUND.

FLOW METER READING: - 0050940 -

SAMPLES OBTAINED: N/A

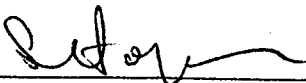
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #49

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATH P.

DATE OF INSPECTION: 08.22.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL,
BELT, ADJUST FILTER REGULATOR, CHECK HOSES
FOR LEAK, CLEAN INSIDE AND OUT SIDE COMPONDS

FLOW METER READING: 0050060

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.1

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

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

INSPECTOR'S SIGNATURE: *Serbat P.*

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: 08.18.06

OBSERVATIONS AND
COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL, CLEAN
AIR FILTER, CHANGE WATER FILTER BAG, CHECK
BELT, DRUMS AND HOSES FOR LEAK, CLEAN INSIDE
COMPOUND.

FLOW METER READING: 0050000

SAMPLES OBTAINED: 410

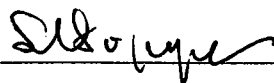
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.2

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

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

INSPECTOR'S SIGNATURE: 

069

THRIFTY OIL CO. SERVICE STATION # 069
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBACH P.

DATE OF INSPECTION: 08-01-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT, OIL, DRUMS AND PIPE FOR LEAK, CHECK PUMP IN MW-2R, CHECK INSIDE COMPOUND,

FLOW METER READING: -004786.0-

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: 0.6

INSPECTOR'S SIGNATURE: [Signature]



EARTH MANAGEMENT CO.
Environmental Remediation

SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOC # 044
 ADDR: 3400 SAN PABLO AVE.
OAKLAND,
 DATE: 07-25-06
 PERSON: JERDAN

Remediation System Type: AS SVE DPE GWT FPR Other:

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment	X			0047280	
FPR	FP Recovery					
O	Other:					

UTILITIES:

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

OTHER NOTES:

RESTART SYSTEM AFTER Q.U.S

ALWAYS OBSERVE SAFETY PROCEDURES!

019

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: 07-25-06

OBSERVATIONS AND COMMENTS: RESTART SYSTEM AFTER Q.U.S
CHECK PUMPS IN EACH 3 WELLS, CHECK
DRUMS AND TOSSES FOR LEAK,

FLOW METER READING: 0047280

SAMPLES OBTAINED: N/A

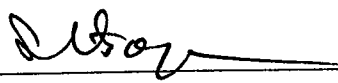
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: NO

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.1

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

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

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: TOC # 049
 ADDR: 3400 SW 1st PABLD HWY
OMAHA, 94612
 DATE: 07-18-06
 PERSON: SARAH

Remediation System Type: AS SVE DPE GWT FPR Other:

System Type		Action		Hour Meter (hrs)	Totalizer (gal)	Purpose / Comments
		Startup	Shutdown			
AS	Air Sparging					
SVE	Soil Vapor Extraction					
DPE	Dual-Phase Extraction					
GWT	Groundwater Treatment		✓		0047270	
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 Q.W.S

ALWAYS OBSERVE SAFETY PROCEDURES!

THRIFTY OIL CO. SERVICE STATION # 049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBATT P.

DATE OF INSPECTION: 07-18-06

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

FLOW METER READING: 0047270

SAMPLES OBTAINED: _____

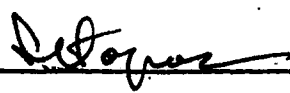
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: 

049

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

NAME OF INSPECTOR: SERBADI P.

DATE OF INSPECTION: 07-11-06

OBSERVATIONS AND
COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT,
OIL, DRUMS FOR LEAK, CHECK TRANSFER PUMP,
TAKE WATER SAMPLE FROM SYSTEM

FLOW METER READING: -0046380-

SAMPLES OBTAINED: YES

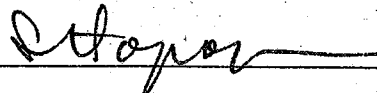
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

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 172920 ✓
REPORTED 07/19/2006
RECEIVED 07/12/2006

PROJECT Station #049 ✓
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS


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

Order No.
726109
726110

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 #: 726109
Matrix: WATER

Client Sample ID: TOC # 049 Outlet PSP #1
Date Sampled: 07/11/2006 Time Sampled: 11:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	ND	1	5	0.24	ug/L	07/12/06 YL
Toluene	ND	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	ND	1	5	0.3	ug/L	07/12/06 YL
Surrogates						
					Units	Control Limits
Surr1 - Dibromofluoromethane	101				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	105				%	70 - 130
Surr4 - p-Bromofluorobenzene	109				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	07/14/06 LD
Surrogates						
					Units	Control Limits
a,a,a-Trifluorotoluene	67				%	55 - 200

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



Order #: 726110

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	07/12/06 YL
Ethyl benzene	ND	1	5	0.24	ug/L	07/12/06 YL
Toluene	ND	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	ND	1	5	0.3	ug/L	07/12/06 YL

Surrogates

					Units	Control Limits
Surr1 - Dibromofluoromethane	100				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Bromofluorobenzene	110				%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/14/06 LD
----------	----	---	----	-----	------	-------------

Surrogates

					Units	Control Limits
a,a,a-Trifluorotoluene	69				%	55 - 200

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

ND = Not detected below indicated MDL, J=Trace



UNASSOCIATED LABORATORIES
QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 4

Sample ID: MS/MSD Water Samples 172943-184
 Date Prep: July 12, 2006
 Date Analyzed: July 12, 2006 #####
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 172906, 172920, 172943

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	38.22	36.56	76	73	4	22	59-172
MTBE	0.00	50.0	48.50	47.01	97	94	3	24	62-137
Benzene	0.00	50.0	50.50	48.73	101	97	4	24	62-137
Trichloroethene	0.00	50.0	46.46	44.88	93	90	3	21	66-142
Toluene	0.00	50.0	45.85	44.71	92	89	3	21	59-139
Chlorobenzene	0.00	50.0	44.89	44.23	90	88	1	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	55.23	110	59-172
MTBE	50.0	45.77	92	62-137
Benzene	50.0	48.39	97	62-137
Trichloroethene	50.0	46.35	93	66-142
Toluene	50.0	45.08	90	59-139
Chlorobenzene	50.0	45.27	91	60-133

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

Surrogate Recovery

Compound	MB	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	100	106	102	103	70-135
1,2-Dichloroethane-d4	104	111	102	106	70-135
Toluene-d8	104	99	99	100	70-135
p-Bromofluorobenzene	110	98	101	102	70-135

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: July 14, 2006

Analysis Date: July 14, 2006

ID#'s in Batch: LR 172886, 172920, 172944, 172943, 172939, 172941, 172819, 172875, 173069

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	524	522	105	104	0

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	69
LCS	91
LCSD	90

AAA-TFT = a,a,a-Trifluorotoluene



Chain of Custody Record

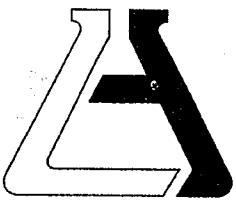
172920

Company THRIFTY OIL CO.	Phone (562) 921-3581	A.L. Job No.	Page 1 of 1
Project Manager JEFF SURYAKUSUMA	Fax (562) 921-7510	Analysis Requested	
Project Name SYSTEM WATER SAMPLING	Project # 049	Test Instructions & Comments	
Site Name and Address 3400 SAN PABLO AVE OAKLAND, CA. 94612	TP14 (801574) RTEX (826087)		

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TP14 (801574)	RTEX (826087)	Analysis Requested						Test Instructions & Comments
1		07-11-06	11:00	H ₂ O	3-VOA	HCL	X	X							GRAB SAMPLE
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C. 1.	Relinquished by 2.	Relinquished by 3.
Total Number of Containers	4	Properly Cooled Y / N / NA		Signature: <i>[Signature]</i>	Signature:	Signature:
Custody Seals Y / N / NA		Samples Intact Y / N / NA		Printed Name: SERBATH P.	Printed Name:	Printed Name:
Received in Good Condition Y / N		Samples Accepted Y / N		Date: 07.11.06 Time: 16:00	Date: Time:	Date: Time:
Turn Around Time				Received By: G.S.O. 1.	Received By: 2.	Received By: 3.
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:	Signature: <i>[Signature]</i>	Signature:
				Printed Name:	Printed Name: DEW	Printed Name:
				Date: Time:	Date: 7/12/06 Time: 10:00	Date: Time:

72201 11/10



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 172906 ✓
REPORTED 07/19/2006
RECEIVED 07/12/2006

PROJECT Station #049 ✓
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS

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

<u>Order No.</u>	<u>Client Sample Identification</u>
726059	TOC # 049 INT-1
726060	TOC # 049 INT-2
726061	TOC # 049 INT-3
726062	TOC # 049 INLET
726063	TOC # 049 MW-2R
726064	TOC # 049 MW-4R
726065	TOC # 049 RW-1R
726066	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. Beharej, 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 #: 726059

Client sample ID: TOC # 049 INT-1

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 11:10

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

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	ND	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/12/06 YL
Toluene	ND	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	ND	1	5	0.3	ug/L	07/12/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	101			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	113			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/12/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	77			%	55 - 200

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



Order #: 726060

Client: sample ID: TOC # 049 INT-2

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 11:20

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

Benzene	ND	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	2.4	J 1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	40	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/12/06 YL
Toluene	9.7	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	591	1	5	0.3	ug/L	07/12/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	107			%	70 - 130

8015B - Gasoline

Gasoline	1020	1	50	5.6	ug/L	07/14/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	68			%	55 - 200

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



Order #: 726061

Client Sample ID: TOC # 049 INT-3

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 11:30

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

Benzene	22	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	33	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	44	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	25	1	10	10	ug/L	07/12/06 YL
Toluene	193	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	1500	10	50.0	0.3	ug/L	07/15/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	99			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 130
Surr3 - Toluene-d8	106			%	70 - 130
Surr4 - p-Bromofluorobenzene	110			%	70 - 130

8015B - Gasoline

Gasoline	9260	10	500.0	5.6	ug/L	07/17/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	59			%	55 - 200

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



Order #: 726062

Client Sample ID: TOC # 049 INLET

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 11:40

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

Benzene	18	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	73	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	40	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	30	1	10	10	ug/L	07/12/06 YL
Toluene	385	10	50.0	0.10	ug/L	07/15/06 YL
Xylenes, total	1530	10	50.0	0.3	ug/L	07/15/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	98			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101			%	70 - 130
Surr3 - Toluene-d8	106			%	70 - 130
Surr4 - p-Bromofluorobenzene	108			%	70 - 130

8015B - Gasoline

Gasoline	8070	10	500.0	5.6	ug/L	07/14/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	67			%	55 - 200

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



Order #: 726063

Client Sample ID: TOC # 049 MW-2R

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 11:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	2.0	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	6.4	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	46	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	21	1	10	10	ug/L	07/12/06 YL
Toluene	51	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	134	1	5	0.3	ug/L	07/12/06 YL
Surrogates						
Surr1 - Dibromofluoromethane	104				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	109				%	70 - 130
8015B - Gasoline						
Gasoline	439	1	50	5.6	ug/L	07/12/06 LD
Surrogates						
a,a,a-Trifluorotoluene	95				%	55 - 200

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



Order #: 726064

Client Sample ID: TOC # 049 MW-4R

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 12:00

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

Benzene	14	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	189	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	34	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	40	1	10	10	ug/L	07/12/06 YL
Toluene	916	10	50.0	0.10	ug/L	07/15/06 YL
Xylenes, total	1700	10	50.0	0.3	ug/L	07/15/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	99			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	109			%	70 - 130

8015B - Gasoline

Gasoline	11300	10	500.0	5.6	ug/L	07/13/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	70			%	55 - 200

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



Order #: 726065

Client sample ID: TOC # 049 RW-1R

Matrix: WATER

Date Sampled: 07/11/2006 Time Sampled: 12:10

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

Benzene	ND	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	5.7	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertibutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	10	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/12/06 YL
Toluene	24	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	74	1	5	0.3	ug/L	07/12/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	102			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	111			%	70 - 130

8015B - Gasoline

Gasoline	201	1	50	5.6	ug/L	07/12/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	95			%	55 - 200

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



Order #: 726066

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

Benzene	ND	1	1	0.32	ug/L	07/12/06 YL
Ethyl benzene	ND	1	5	0.24	ug/L	07/12/06 YL
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/12/06 YL
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/12/06 YL
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/12/06 YL
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/12/06 YL
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/12/06 YL
Toluene	ND	1	5	0.10	ug/L	07/12/06 YL
Xylenes, total	ND	1	5	0.3	ug/L	07/12/06 YL

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	110			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	07/12/06 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



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

Sample ID: MS/MSD Water Samples 173030-568
 Date Prep: July 14, 2006
 Date Analyzed: July 15, 2006 1:39 AM
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 173071, 173030, 173069, 172906, 172818, 172819

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	44.58	47.36	89	95	6	22	59-172
MTBE	0.00	50.0	46.51	49.54	93	99	6	24	62-137
Benzene	0.00	50.0	50.59	54.45	101	109	7	24	62-137
Trichloroethene	0.00	50.0	47.41	46.76	95	94	1	21	66-142
Toluene	0.00	50.0	45.79	48.73	92	97	6	21	59-139
Chlorobenzene	0.00	50.0	44.20	44.87	88	90	2	21	60-133

Sample ID: LCS/LCSD

Compound	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits %REC
1,1-Dichloroethene	50.0	43.31	45.70	87	91	5	22	59-172
MTBE	50.0	46.44	50.31	93	101	8	24	62-137
Benzene	50.0	48.48	50.36	97	101	4	24	62-137
Trichloroethene	50.0	46.07	51.44	92	103	11	21	66-142
Toluene	50.0	47.11	52.10	94	104	10	21	59-139
Chlorobenzene	50.0	44.92	48.90	90	98	8	21	60-133

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

Surrogate Recovery

Compound	MB1	MB2	MS	MSD	LCS	LCSD	Limits % Rec
Dibromofluoromethane	90	89	85	91	79	91	70-135
1,2-Dichloroethane-d4	108	103	95	97	96	102	70-135
Toluene-d8	107	99	101	105	112	121	70-135
p-Bromofluorobenzene	105	102	102	105	100	98	70-135

UNASSOCIATED LABORATORIES
QA / QC EPA Methods 8260, 624, & 524.2 GCMS # 4

Sample ID: MS/MSD Water Samples 172943-184
 Date Prep: July 12, 2006
 Date Analyzed: July 12, 2006 #####
 Sample Matrix: Water
 Units: µg/L

Applies to LR: 172906, 172920, 172943

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	38.22	36.56	76	73	4	22	59-172
MTBE	0.00	50.0	48.50	47.01	97	94	3	24	62-137
Benzene	0.00	50.0	50.50	48.73	101	97	4	24	62-137
Trichloroethene	0.00	50.0	46.46	44.88	93	90	3	21	66-142
Toluene	0.00	50.0	45.85	44.71	92	89	3	21	59-139
Chlorobenzene	0.00	50.0	44.89	44.23	90	88	1	21	60-133

Sample ID: LCS

Compound	Spike Added	Spike Res	Spike %Rec	Limits %REC
1,1-Dichloroethene	50.0	55.23	110	59-172
MTBE	50.0	45.77	92	62-137
Benzene	50.0	48.39	97	62-137
Trichloroethene	50.0	46.35	93	66-142
Toluene	50.0	45.08	90	59-139
Chlorobenzene	50.0	45.27	91	60-133

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

Surrogate Recovery

Compound	MB	MS	MSD	LCS	Limits % Rec
Dibromofluoromethane	100	106	102	103	70-135
1,2-Dichloroethane-d4	104	111	102	106	70-135
Toluene-d8	104	99	99	100	70-135
p-Bromofluorobenzene	110	98	101	102	70-135

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD
 Matrix: WATER
 Prep. Date: July 13, 2006
 Analysis Date: July 13, 2006
 ID#'s in Batch: LR 172985, 172875, 172952, 172906

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	542	587	108	117	8

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	63
LCS	90
LCSD	98

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: July 17, 2006

Analysis Date: July 17, 2006

ID#'s in Batch: LR 172818, 172819, 172955, 172906, 172934, 172877, 173114, 173101

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	618	626	124	125	1

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	57
LCS	85
LCSD	85

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: G2-LCS&LCSD
 Matrix: WATER
 Prep. Date: July 12, 2006
 Analysis Date: July 12, 2006
 ID#'s in Batch: LR 172819, 172875, 172906

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	541	546	108	109	1

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	100
LCS	195
LCSD	195

AAA-TFT = a,a,a-Trifluorotoluene



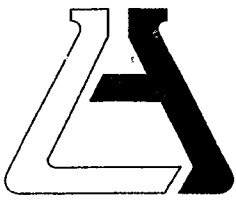
Chain of Custody Record

172906

Company <u>THRIFTY OIL CO.</u>							Phone <u>(562) 921-3581</u>			A.L. Job No.		
Project Manager <u>JEFF SURYAKUSUMA</u>							Fax <u>(562) 921-7510</u>			Analysis Requested		
Project Name <u>SYSTEM WATER SAMPLING</u>							Project # <u>049 ✓</u>			Test Instructions & Comments		
Site Name and Address <u>3400 SHH PARLO AVE OAKLAND, CA. 94612</u>							TPH4 (8015M)					
							BTEX (8260P)					
							OXYGENATED					
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH4 (8015M)	BTEX (8260P)	OXYGENATED			
1 INT.-1		07-11-06	11:10	H ₂ O	3-VOA	HCL	X	X	X	ANALYSIS REQUIRED		
2 INT.-2			11:20				X	X	X	FOR OXYGENATED		
3 INT.-3			11:30				X	X	X	COMPOUNDS USED IN		
4 INLET			11:40				X	X	X	CA. GASOLINE BY		
5 MW-2R			11:50				X	X	X	8260B R-P.A.		
6 MW-4R			12:00				X	X	X			
7 RW-1R			12:10				X	X	X	1-TERTIARY BUTANOL		
8										2-M.T.B.E.		
9										3-D.I.P.E.		
10										4-E.T.B.E.		
11										5-T.A.M.E.		
12												
13												
14												
15												

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: <u>E.M.C.</u> 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers		Property Cooled <u>Y/N/NA</u>		Signature: <u>[Signature]</u>		Signature:		Signature:	
Custody Seals <u>Y/N/NA</u>		Samples Intact <u>Y/N/NA</u>		Printed Name: <u>SRRBAT</u>		Printed Name:		Printed Name:	
Received in Good Condition <u>Y/N</u>		Samples Accepted <u>Y/N</u>		Date: <u>07.11.06</u> Time: <u>16:00</u>		Date: Time:		Date: Time:	
Turn Around Time				Received By: <u>G.S.O.</u> 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal				Signature:		Signature:		Signature:	
<input type="checkbox"/> Rush				Printed Name:		Printed Name: <u>[Signature]</u>		Printed Name:	
<input type="checkbox"/> Same Day				Date: Time:		Date: Time: <u>7-12-06 10⁰⁰</u>		Date: Time:	
<input type="checkbox"/> 48 hrs.									
<input type="checkbox"/> 24 hrs.									
<input type="checkbox"/> 72 hrs.									

71206 11:35



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 176688 ✓

REPORTED 09/21/2006

RECEIVED 09/18/2006

PROJECT Station #049 ✓
3400 San Pablo Ave., Oakland

SUBMITTER Client


COMMENTS

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

<u>Order No.</u>	<u>Client Sample Identification</u> ✓
742773	TOC #049 MW-1
742774	TOC #049 MW-3
742775	TOC #049 MW-5
742776	TOC #049 MW-7
742777	Trip Blank
742778	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 #: 742773

Client Sample ID: TOC #049 MW-1

Matrix: WATER

Date Sampled: 09/15/2006 Time Sampled: 11:20

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

Benzene	ND	1	1	0.32	ug/L	09/19/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	09/19/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	09/19/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	09/19/06 RP
Methyl-tert-butylether (MTBE)	33	1	1	0.63	ug/L	09/19/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	09/19/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	09/19/06 RP
Toluene	ND	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	09/19/06 RP

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	100	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	102	%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	09/19/06 LD
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Surrogates

		Units	Control Limits
a,a,a-Trifluorotoluene	90	%	55 - 200

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



Order #: 742774

Client Sample ID: TOC #049 MW-3

Matrix: WATER

Date Sampled: 09/15/2006 Time Sampled: 11:35

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

Benzene	4.3	1	1	0.32	ug/L	09/19/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	09/19/06 RP
Ethyl benzene	11	1	5	0.24	ug/L	09/19/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	09/19/06 RP
Methyl-tert-butylether (MTBE)	502	1	1	0.63	ug/L	09/19/06 RP
Tert-amylmethylether (TAME)	38	1	1	0.28	ug/L	09/19/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	09/19/06 RP
Toluene	68	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	90	1	5	0.3	ug/L	09/19/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 130
Surr3 - Toluene-d8	97			%	70 - 130
Surr4 - p-Bromofluorobenzene	100			%	70 - 130

8015B - Gasoline

Gasoline	1750	1	50	5.6	ug/L	09/19/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	175			%	55 - 200

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



Order #: 742775

Client Sample ID: TOC #049 MW-5

Matrix: WATER

Date Sampled: 09/15/2006 Time Sampled: 11:45

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

Benzene	ND	1	1	0.32	ug/L	09/19/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	09/19/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	09/19/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	09/19/06 RP
Methyl-tert-butylether (MTBE)	1.8	1	1	0.63	ug/L	09/19/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	09/19/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	09/19/06 RP
Toluene	ND	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	09/19/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	105			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	110			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	102			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	09/19/06 LD
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	92			%	55 - 200

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



Order #: 742776

Client Sample ID: TOC #049 MW-7

Matrix: WATER

Date Sampled: 09/15/2006 Time Sampled: 12:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	09/19/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	09/19/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	09/19/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	09/19/06 RP
Methyl-tert-butylether (MTBE)	16	1	1	0.63	ug/L	09/19/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	09/19/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	09/19/06 RP
Toluene	ND	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	09/19/06 RP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	103	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	108	%	70 - 130
Surr3 - Toluene-d8	99	%	70 - 130
Surr4 - p-Bromofluorobenzene	106	%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	09/19/06 LD
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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



Order #: 742777

Client Sample ID: Trip Blank

Matrix: WATER

Date Sampled: 09/15/2006

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

Benzene	ND	1	1	0.32	ug/L	09/19/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	09/19/06 RP
Toluene	ND	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	09/19/06 RP

Surrogates

					Units	Control Limits
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	102				%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	09/19/06 LD
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Surrogates

					Units	Control Limits
a,a,a-Trifluorotoluene	93				%	55 - 200

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



Order #: 742778

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

Benzene	ND	1	1	0.32	ug/L	09/19/06 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	09/19/06 RP
Ethyl benzene	ND	1	5	0.24	ug/L	09/19/06 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	09/19/06 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	09/19/06 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	09/19/06 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	09/19/06 RP
Toluene	ND	1	5	0.10	ug/L	09/19/06 RP
Xylenes, total	ND	1	5	0.3	ug/L	09/19/06 RP

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 130
Surr3 - Toluene-d8	105			%	70 - 130
Surr4 - p-Bromofluorobenzene	105			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	5.6	ug/L	09/19/06 LD
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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: G15-LCS&LCSD
 Matrix: WATER
 Prep. Date: September 18, 2006
 Analysis Date: September 19, 2006
 ID#'s in Batch: LR 176688, 176613

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	479	594	96	119	21

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	91
LCS	121
LCSD	129

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

ASSOCIATED LABORATORIES

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

Sample ID: *MS/MSD water sample: 176688-777*

Date Prepared: September 19, 2006

Date Analyzed: September 19, 2006

Sample Matrix: water

Units: µg/L

Applies to LR: 176688, 176636, 176602, 176357, 176496

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	52.80	52.00	106	104	2	22	59 - 172
MTBE	0.00	50.0	48.30	47.50	97	95	2	24	62 - 137
Benzene	0.00	50.0	48.50	48.50	97	97	0	24	62 - 137
Trichloroethene	0.00	50.0	50.50	47.90	101	96	5	21	66 - 142
Toluene	0.00	50.0	45.50	46.90	91	94	3	21	59 - 139
Chlorobenzene	0.00	50.0	47.50	46.90	95	94	1	21	60 - 133

Sample ID: *LCS*

Date Analyzed: September 19, 2006

Sample Matrix: water

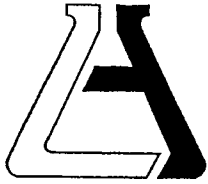
Units: µg/L

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	53.70	107	59 - 172
MTBE	50.0	47.60	95	62 - 137
Benzene	50.0	47.70	95	62 - 137
Trichloroethene	50.0	52.10	104	66 - 142
Toluene	50.0	49.70	99	59 - 139
Chlorobenzene	50.0	49.30	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	100	96	100	101	99	70 - 135
1,2-Dichloroethane-d4	106	106	98	99	96	70 - 135
Toluene-d8	105	99	96	97	105	70 - 135
p-Bromofluorobenzene	105	103	94	95	101	70 - 135



ASSOCIATED LABORATORIES

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

FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: T.D.C. Project: _____
 Date Received: 9/18/06
 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: 40/0c
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	✓		
Were custody seals present?			✓
If Yes – were they intact?			
Were all samples sealed in plastic bags?	✓		
Did all samples arrive intact? If no, indicate below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
No head space in VOA vials?	✓		
Were the correct preservatives used?			✓
Were the samples scanned for presence of radioactivity?			✓
Was total residual chlorine measured (Fish Bioassay samples only)? *			✓

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

Section 4
 Explanations/Comments

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

Completed By: Jan Munday Date: 9/18/06

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. 176688 ✓		Page 1 of 1			
Project Manager JEFF SURYAKUSUMA		Fax (562) 921-7510		Analysis Requested				Test Instructions & Comments	
Project Name RESAMPLING WELLS		Project # 049 ✓							
Site Name and Address 3400 SAN PABLO AVE OAKLAND CA 94612									

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH (2015M)	ATEX (8260B)	OXYGENATED									
1 MW-1		09.15.06	11:20	H ₂ O	4-VOA	HCL	X	X	X									ANALYSIS REQUIRED FOR OXYGENATED COMPOUNDS USED IN CA. GASOLINE BY EPA METHOD 8260B
2 MW-3			11:35				X	X	X									
3 MW-5			11:45				X	X	X									
4 MW-7			12:15				X	X	X									
5 TRIP BLANK			00:00		3-VOA	HCL	X	X	1									
6																		1. TERTIARY BUTANOL 2. M.T.B.E. 3. D.I.P.E 4. E.T.B.E. 5. T.A.M.E. -RUSH ASPA
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C. 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	19	Properly Cooled <input checked="" type="checkbox"/> Y / N / NA		Signature:	<i>[Signature]</i>	Signature:		Signature:	
Custody Seals <input checked="" type="checkbox"/> Y / N / NA		Samples Intact <input checked="" type="checkbox"/> Y / N / NA		Printed Name:	SERRANO	Printed Name:		Printed Name:	
Received in Good Condition <input checked="" type="checkbox"/> Y / N		Samples Accepted <input checked="" type="checkbox"/> Y / N		Date:	09.15.06	Time:	16:00	Date:	
Turn Around Time				Received By: G.S.O. 1.		Received By: 2.		Received By: 3.	
<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<i>[Signature]</i>	Signature:	<i>[Signature]</i>	Signature:	
		<input type="checkbox"/> 24 hrs.	<input checked="" type="checkbox"/> 72 hrs.	Printed Name:	Swan Montoya	Printed Name:	Swan Montoya	Printed Name:	
				Date:		Date:	9/18/06	Date:	
				Time:		Time:	11:15	Time:	