

THRIFTY OIL CO.

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April 26, 2006

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Mr. Amir Gholami
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
1st Quarter 2006, Status Report

Dear Mr. Gholami:

Presented herein is the 1st 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 first quarter of 2006.

Should you have any questions regarding this report, please contact either Michael Bowery 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
First Quarter 2006
Reporting Period: 1/1/2006 to 3/31/2006

Site Information:

Site address:	TOC SS #049 (ARCO #9535) 3400 San Pablo Avenue Oakland, CA
Global ID No.:	T0600101365
EDF Confirmation No.:	8068254292
Lead Agency No.:	Local #RO0000004
Lead Agency:	Alameda County Health Care Services
Agency Contact:	Mr. Amir Gholami / 510 567-6735
Project Manager:	Michael Bowery / 562-921-3581 ext. 404

Field Activity:

Groundwater wells onsite:	8
Groundwater wells offsite:	0
Date(s) monitored:	1/24/2006
Date(s) sampled:	1/24/2006
Groundwater wells gauged:	8
Groundwater wells sampled:	8
Purging method:	Bailer / Pump
Treatment / disposal method during sampling event:	Drums – Safety-Kleen pickup
Groundwater wells with free product:	0
Free product thickness (feet):	NA
Free product bailouts other than sampling event:	NA
Treatment / disposal method/free product bailouts:	NA

Site Hydrogeology:

Depth to groundwater (feet bgs):	4.34 to 5.20
Groundwater elevation (feet above mean sea level):	92.19 to 94.51
Groundwater gradient and flow direction:	Southwest at approximately 0.0294 ft./ft.
Consistent with previous quarter:	Consistent with previous quarters

Groundwater Conditions:

TPHg concentration (ug/L):	ND<2.9 to 41,300
Benzene concentration (ug/L):	ND<0.32 to 391
Toluene concentration (ug/L):	ND<0.1 to 2,310
Ethyl benzene concentration (ug/L):	ND<0.24 to 871
Total Xylenes concentration (ug/L):	ND<0.3 to 5,430
MTBE concentration (ug/L):	ND<0.63 to 432
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 <2.8
TBA concentration (ug/L):	ND<10 to 156

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.):	14,352
Total GW discharge (gal.):	1,563,610
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 January 24, 2006, monitoring data is presented in **Figure 2**. Groundwater elevation data indicates that groundwater flow to the southwest under an approximate gradient of 0.0294 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 January 24, 2006. Groundwater wells MW-2 and MW-4 and recovery well RW-1 were abandoned by Advanced GeoEnvironmental (AGE) in January 2004, and replacement wells MW-2R, MW-4R, and RW-1R were installed as part of an upgrade to the groundwater recovery system. Groundwater samples were delivered by EMC in a chilled state following strict Chain-of-Custody procedures to a state-certified laboratory and analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M. Volatile organic compounds of benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tert butyl ether (MTBE), and other oxygenates were analyzed by EPA Method 8260B. A summary of historical analytical sampling results for TPHg, BTEX, and MTBE is provided in **Table 1** and 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**.

TPHg, benzene, and MTBE isoconcentration maps in micrograms per liter (ug/L) were prepared using data from the January 24, 2006, sampling event and are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentrations of TPHg and benzene were detected in well MW-4R (41,300 ug/L and 391 ug/L, respectively). The maximum MTBE concentration was detected in well RW-1R (432 ug/L).

Concentrations of TPHg, benzene, and MTBE have decreased in well MW-3 since October 20, 2003. However, elevated concentrations of TPHg and MTBE were detected in upgradient well MW-5 since April 2004. The groundwater flow direction and TPHg, benzene, and MTBE contour maps suggest that an upgradient offsite source may be possible.

Remediation Status

Site remedial activities were initiated in April 1991. The remediation system consists 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 March 28, 2006, the upgraded system produced and treated 14,352 gallons of water for a cumulative system total of 1,563,610 gallons (**Table 3**). On February 1, 2006, Thrifty split samples with EBMUD; the effluent water sample from the PSP-1 sampling port was collected and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B and for total petroleum hydrocarbons (TPHg) by EPA Method 8015M. TPHg and BTEX were not detected above their respective detection limits. The system was shutdown for quarterly groundwater sampling on January 20, 2006 and restarted on January 27, 2006. The battery was changed for the digital flow meter on February 1, 2006 resulting in the meter resetting to "0" and the flow meter itself was replaced on February 24, 2006, with an analog type meter starting with 10 gallons. Copies of the Field Reports prepared by EMC are provided in **Appendix C** and the system effluent analytical results collected by EMC for February 1, 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 onsite well MW-10 slightly to the west or installing a second boring along the northern boundary of the site. 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.

In a letter received by Thrifty dated December 7, 2005, the ACHCS requested site information including depth to water, groundwater flow direction, dissolved constituents concentrations, well screen levels, plume stability, and if active remediation was occurring onsite. Thrifty forwarded the requested information on January 10, 2006. The ACHCS also requested that a site conceptual model (SCM) be prepared for the site. Thrifty will submit the SCM under separate cover by May 2, 2005.

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 Second Quarter 2006 monitoring report.

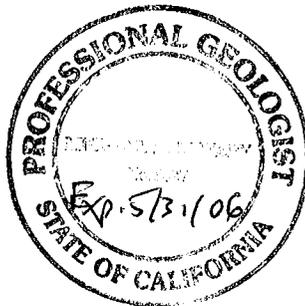
Closing Comments

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

Sincerely,



Michael H. Bowery, P.G. 5027
Project Manager



TABLES

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	-	-	-	-	-	-	5.54	NP	0.00	98.03	92.49
04/13/92	-	-	-	-	-	-	5.86	NP	0.00	98.03	92.17
10/05/92	-	-	-	-	-	-	9.39	NP	0.00	98.03	88.64
01/06/93	-	-	-	-	-	-	4.76	NP	0.00	98.03	93.27
04/26/93	-	-	-	-	-	-	4.96	NP	0.00	98.03	93.07
01/04/94	-	-	-	-	-	-	7.00	NP	0.00	98.03	91.03
04/05/94	-	-	-	-	-	-	6.44	NP	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	-	6.15	NP	0.00	98.03	91.88
04/08/96	4,700	80	110	10	910	-	5.40	NP	0.00	98.03	92.63
07/22/96	7,000	280	130	<3	2,100	440	5.50	NP	0.00	98.03	92.53
10/16/96	120	<0.3	<0.3	<0.3	<0.5	180	6.02	NP	0.00	98.03	92.01
01/22/97	160	<0.3	<0.3	<0.3	<0.5	360	4.40	NP	0.00	98.03	93.63
04/21/97	20,000	420	140	5.8	840	55,000	6.30	NP	0.00	98.03	91.73
07/14/97	13,000	<0.3	<0.3	<0.3	<0.55	30,000	5.92	NP	0.00	98.03	92.11
10/07/97	-	-	-	-	-	-	7.71	7.70	0.01	98.03	90.33
01/15/98	<50	0.3	<0.3	<0.3	<0.5	-	4.40	NP	0.00	98.03	93.63
04/23/98	540	<0.3	<0.3	<0.3	<0.5	<20	8.10	NP	0.00	98.03	89.93
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.55	NP	0.00	98.03	92.48
10/14/98	50	1.4	0.56	<0.3	11	22	7.05	NP	0.00	98.03	90.98
01/21/99	<50	0.59	<0.3	<0.3	<0.5	<5	4.10	NP	0.00	98.03	93.93
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.30	NP	0.00	98.03	93.73
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.54	NP	0.00	98.03	92.49
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.13	NP	0.00	98.03	91.90
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	6.04	NP	0.00	98.03	91.99
04/05/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.03	NP	0.00	98.03	94.00
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	4.00	NP	0.00	98.03	94.03
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.53	NP	0.00	98.03	92.50
01/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.97	NP	0.00	98.03	94.06
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.98	NP	0.00	98.03	94.05
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.51	NP	0.00	98.03	92.52
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.97	NP	0.00	98.03	94.06
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.95	NP	0.00	98.03	94.08
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	2.42	NP	0.00	98.03	95.61
07/31/02	<50	<0.18	1.3	<0.18	<0.26	<0.24	5.49	NP	0.00	98.03	92.54

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DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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)					
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	16	6.13	NP	0.00	98.03	91.90
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	2.45	NP	0.00	98.03	95.58
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	7.02	NP	0.00	98.03	91.01
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.15	NP	0.00	98.03	92.88
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.13	NP	0.00	98.03	92.90
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	3.92	NP	0.00	98.03	94.11
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.54	NP	0.00	98.03	93.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	7.01	NP	0.00	98.03	91.02
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.46	NP	0.00	98.03	92.57
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.48	NP	0.00	98.03	92.55
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.99	NP	0.00	98.03	91.04
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.42	NP	0.00	98.03	91.61
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.98	NP	0.00	98.03	91.05
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	4.56	NP	0.00	98.03	93.47
MONITORING WELL #MW-2 <i>Screen Interval = 5 to 25 feet</i>											
01/09/92	-	-	-	-	-	-	5.35	NP	0.00	97.44	92.09
04/13/92	-	-	-	-	-	-	7.42	NP	0.00	97.44	90.02
10/05/92	-	-	-	-	-	-	12.15	NP	0.00	97.44	85.29
01/06/93	-	-	-	-	-	-	5.46	NP	0.00	97.44	91.98
04/26/93	-	-	-	-	-	-	5.15	NP	0.00	97.44	92.29
01/04/94	-	-	-	-	-	-	9.45	NP	0.00	97.44	87.99
04/05/94	-	-	-	-	-	-	8.23	NP	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	-	5.60	NP	0.00	97.44	91.84
04/08/96	10,000	490	210	210	830	-	5.43	NP	0.00	97.44	92.01
07/22/96	60,000	6,500	1,000	1,500	10,000	8,500	5.65	NP	0.00	97.44	91.79
10/16/96	6,500	12	0.34	0.72	110	4,700	5.82	NP	0.00	97.44	91.62
01/22/97	3,200	<0.3	0.46	0.37	<0.5	8,000	4.30	NP	0.00	97.44	93.14
04/21/97	66,000	5,300	1,000	2,300	14,000	30,000	5.80	NP	0.00	97.44	91.64
07/14/97	17,000	1.8	4.6	4.6	350	24,000	8.92	NP	0.00	97.44	88.52
10/07/97	220,000	5,200	1,700	3,800	15,000	-	6.80	NP	0.00	97.44	90.64
01/19/98	25,000	5.4	2.2	2.1	240	-	8.50	NP	0.00	97.44	88.94
04/23/98	7,700	<0.3	0.55	0.38	4.9	28,000	7.60	NP	0.00	97.44	89.84
07/20/98	430,000	4,200	10,000	5,400	28,000	77,000	6.94	NP	0.00	97.44	90.50

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	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MIBE (ug/L)					
1014/98	27,000	<0.3	4.5	4.1	4.6	65,000	8.45	NP	0.00	97.44	88.99
01/21/99	16,000	7.6	9.8	4.2	310	* 49,000 / 42,000	6.95	NP	0.00	97.44	90.49
04/15/99	20,000	<0.3	<0.3	<0.3	<0.5	* 31,000 / 30,000	8.45	NP	0.00	97.44	88.99
07/26/99	6,700	<6	<6	<6	<10	*11,000 / 15,000	6.94	NP	0.00	97.44	90.50
10/13/99	7,600	<3	3.7	<3	11	11,000	5.48	NP	0.00	97.44	91.96
01/20/00	7,500	<6	<6	<6	<10	*14,000 / 16,000	5.84	NP	0.00	97.44	91.60
04/05/00	10,400	<0.25	<0.25	<0.25	<0.5	*10,000 / 14,400	5.41	NP	0.00	97.44	92.03
07/19/00	130	<0.3	<0.3	<0.3	<0.6	*9,620 / 6,520	5.40	NP	0.00	97.44	92.04
10/18/00	150	<0.18	<0.14	<0.18	<0.26	*9,090 / 6,560	6.91	NP	0.00	97.44	90.53
01/17/01	75	<0.18	2.0	2.0	3.0	*8,650 / 9,710	5.41	NP	0.00	97.44	92.03
04/19/01	4,380	<0.18	<0.14	<0.18	<0.26	8,890	5.40	NP	0.00	97.44	92.04
07/18/01	3,260	<0.18	<0.14	<0.18	2.0	*7960 / 1,710	6.92	NP	0.00	97.44	90.52
10/10/01	1,760	<0.18	<0.14	<0.18	<0.26	*2,980 / 2,600	3.87	NP	0.00	97.44	93.57
01/30/02	1,770	<0.18	1.0	1.0	2.0	*2,560 / 1,590	8.45	NP	0.00	97.44	88.99
04/17/02	1,470	1.0	<0.14	<0.18	<0.26	*2,460 / 2,080	8.45	NP	0.00	97.44	88.99
07/31/02	3,910	<0.18	1.2	<0.18	2.1	*2,090 / 1,740	9.98	NP	0.00	97.44	87.46
11/14/02	39,400	1,680	728	173	5,120	8,270	5.40	NP	0.00	97.44	92.04
01/29/03	22,100	746	76	<1.0	2,840	8,220	8.43	NP	0.00	97.44	89.01
04/23/03	19,500	<0.8	<0.4	<0.4	<1.2	9,580	5.38	NP	0.00	97.44	92.06
07/10/03	29,900	<2.2	<3.2	<3.1	<4.0	6,690	5.10	NP	0.00	97.44	92.34
10/20/03	13,000	4.79	<0.02	<0.02	<0.06	*6,330 / 5,980	5.10	NP	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	4.58	NP	0.00	-	-
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.72	NP	0.00	-	-
10/20/04	20,900	3,180	2,970	259	1,240	92	3.72	NP	0.00	-	-
01/19/05	18,900	537	250	866	2,290	3,340	4.50	NP	0.00	-	-
04/20/05	13,100	<2.2	<3.2	<3.1	<4.0	563	5.27	NP	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	6.12	NP	0.00	-	-
10/19/05	321	<0.32	<0.10	<0.24	<0.30	423	5.28	NP	0.00	-	-
01/24/06	3,200	34	331	87	510	86	4.58	NP	0.00	-	-

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	-	-	-	-	-	-	17.60	NP	0.00	97.69	80.09
04/13/92	-	-	-	-	-	-	17.40	NP	0.00	97.69	80.29
10/05/92	-	-	-	-	-	-	17.35	NP	0.00	97.69	80.34
01/06/93	-	-	-	-	-	-	17.40	NP	0.00	97.69	80.29
04/26/93	-	-	-	-	-	-	17.90	NP	0.00	97.69	79.79
01/04/94	-	-	-	-	-	-	17.60	NP	0.00	97.69	80.09
04/05/94	-	-	-	-	-	-	16.25	NP	0.00	97.69	81.44
01/08/96	-	-	-	-	-	-	7.11	NP	0.00	97.69	90.58
04/08/96	8,800	610	31	530	900	-	7.20	NP	0.00	97.69	90.49
07/22/96	38,000	4,100	1,500	1,600	5,400	2,600	6.82	NP	0.00	97.69	90.87
10/16/96	2,400	<0.3	<0.3	<0.3	<0.5	3,800	6.84	NP	0.00	97.69	90.85
01/22/97	2,200	<0.3	<0.3	<0.3	<0.5	5,500	4.80	NP	0.00	97.69	92.89
04/21/97	15,000	1,500	36	260	710	11,000	9.40	NP	0.00	97.69	88.29
07/14/97	5,400	0.45	<0.3	<0.3	<0.5	14,000	10.92	NP	0.00	97.69	86.77
10/07/97	8,800	0.39	<0.3	<0.3	0.88	-	11.95	NP	0.00	97.69	85.74
01/19/98	22,000	1,300	15	20	310	-	7.85	NP	0.00	97.69	89.84
04/23/98	9,200	3.9	3.1	5.7	9.8	16,000	11.20	NP	0.00	97.69	86.49
07/20/98	750	0.41	1.4	0.47	1.8	2,800	7.36	NP	0.00	97.69	90.33
10/14/98	750	<0.3	<0.3	<0.3	<0.5	15,000	11.95	NP	0.00	97.69	85.74
01/21/99	4,700	0.32	<0.3	<0.3	<0.5	* 12,000 / 16,000	10.45	NP	0.00	97.69	87.24
04/15/99	7,900	0.59	0.69	<0.3	0.94	* 11,000 / 14,000	7.86	NP	0.00	97.69	89.83
07/26/99	5,200	<3	<3	<3	<5	*9,600 / 11,000	10.40	NP	0.00	97.69	87.29
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	7.09	NP	0.00	97.69	90.60
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	6.86	NP	0.00	97.69	90.83
04/05/00	<50	0.8	<0.25	<0.25	<0.5	*5.6 / <5	8.85	NP	0.00	97.69	88.84
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	8.86	NP	0.00	97.69	88.83
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.32	NP	0.00	97.69	90.37
01/17/01	<50	<0.18	2.0	<0.18	1.0	*39 / 39	5.40	NP	0.00	97.69	92.29
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	8.87	NP	0.00	97.69	88.82
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.32	NP	0.00	97.69	90.37
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	8.87	NP	0.00	97.69	88.82
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.78	NP	0.00	97.69	91.91
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.31	NP	0.00	97.69	90.38
07/31/02	138	1.1	1.2	<0.18	<0.26	<0.24	5.76	NP	0.00	97.69	91.93
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	21	5.73	NP	0.00	97.69	91.96

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	16	7.30	NP	0.00	97.69	90.39
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	16	5.76	NP	0.00	97.69	91.93
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	11	5.63	NP	0.00	97.69	92.06
10/20/03	13,700	4.13	<0.02	<0.02	<0.06	*6,570 / 4,920	5.61	NP	0.00	97.69	92.08
01/14/04	1,160	2.0	2.2	6.1	7.8	*1,510 / 767	4.23	NP	0.00	97.69	93.46
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.48	NP	0.00	97.69	92.21
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.66	NP	0.00	97.69	91.03
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.20	NP	0.00	97.69	93.49
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.74	NP	0.00	97.69	91.95
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	7.23	NP	0.00	97.69	90.46
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.82	NP	0.00	97.69	90.87
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	7.0	7.26	NP	0.00	97.69	90.43
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	5.50	NP	0.00	97.69	92.19
MONITORING WELL #MW-4 <i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	5.25	NP	0.00	97.33	92.08
04/13/92	-	-	-	-	-	-	6.40	NP	0.00	97.33	90.93
10/05/92	-	-	-	-	-	-	9.95	NP	0.00	97.33	87.38
01/06/93	-	-	-	-	-	-	4.10	NP	0.00	97.33	93.23
04/26/93	-	-	-	-	-	-	4.84	NP	0.00	97.33	92.49
01/04/94	-	-	-	-	-	-	9.05	NP	0.00	97.33	88.28
04/05/94	-	-	-	-	-	-	8.10	NP	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	-	5.57	NP	0.00	97.33	91.76
04/08/96	56,000	5,000	2,500	2,600	11,000	-	5.36	NP	0.00	97.33	91.97
07/22/96	33,000	3,700	1,600	1,400	6,000	2,400	4.80	NP	0.00	97.33	92.53
10/16/96	2,800	7.8	0.60	0.41	52	2,000	5.47	NP	0.00	97.33	91.86
01/22/97	1,400	<0.3	<0.3	<0.3	<0.5	3,100	5.15	NP	0.00	97.33	92.18
04/21/97	-	-	-	-	-	-	6.36	5.30	1.06	97.33	91.77
07/14/97	-	-	-	-	-	-	5.24	5.21	0.03	97.33	92.11
10/07/97	-	-	-	-	-	-	7.82	7.80	0.02	97.33	89.53
01/15/98	-	-	-	-	-	-	6.68	6.60	0.08	97.33	90.71
04/23/98	-	-	-	-	-	-	6.36	5.30	1.06	97.33	91.77
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.05	NP	0.00	97.33	91.28
10/14/98	3,100	86	23	2.0	520	1,100	6.85	NP	0.00	97.33	90.48

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	9,100	3.2	5.6	1.8	130	* 24,000 / 17,000	6.10	NP	0.00	97.33	91.23	
04/15/99	14,000	<0.3	0.71	<0.3	<0.5	* 20,000 / 22,000	6.05	NP	0.00	97.33	91.28	
07/26/99	4,500	<6	<6	<6	<10	*8,700 / 9,800	6.07	NP	0.00	97.33	91.26	
10/13/99	410	<0.3	0.63	<0.3	<0.5	660	5.54	NP	0.00	97.33	91.79	
01/20/00	770	<0.3	<0.3	<0.3	<0.5	*2,400 / 1,900	5.49	NP	0.00	97.33	91.84	
04/05/00	61,200	0.9	<0.25	<0.25	<0.5	*18,500 / 21,900	5.30	NP	0.00	97.33	92.03	
07/19/00	96,600	1,770	1,760	2,690	8,730	21,900 / 9,740 J	5.29	NP	0.00	97.33	92.04	
10/18/00	34,900	698	1,010	607	4,130	*27,800 / 15,900	6.02	NP	0.00	97.33	91.31	
01/17/01	29,100	799	930	614	3,400	*24,300 / 31,400	4.88	NP	0.00	97.33	92.45	
04/19/01	103,000	4,880	3,980	3,260	11,800	66,900	4.89	NP	0.00	97.33	92.44	
07/18/01	52,200	3,320	2,090	440	5,520	*55,500 / 16,800	6.04	NP	0.00	97.33	91.29	
10/10/01	8,580	6.1	14	5.3	70	*40,100 / 30,000	4.51	NP	0.00	97.33	92.82	
01/30/02	36,500	<0.18	3.0	1.0	3.0	*43,000 / 24,900	4.51	NP	0.00	97.33	92.82	
04/17/02	12,900	8.0	1.0	<0.18	1.0	16,000 / 13,600	4.51	NP	0.00	97.33	92.82	
07/31/02	19,300	<0.18	1.2	1.5	2.6	*13,200 / 10,100	5.26	NP	0.00	97.33	92.07	
11/14/02	36,200	1,720	940	235	6,190	8,280	5.27	NP	0.00	97.33	92.06	
01/29/03	13,000	444	39	<0.4	1,200	8,160	4.50	NP	0.00	97.33	92.83	
04/23/03	7,430	130	5.7	<0.2	387	5,830	4.80	NP	0.00	97.33	92.53	
07/10/03	16,200	<2.2	<3.2	<3.1	<4.0	3,930	4.55	NP	0.00	97.33	92.78	
10/20/03	6,040	672	384	3.4	444	*3,780 / 3,220	4.56	NP	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	4.96	NP	0.00	-	-	
07/21/04	14,500	<2.2	<3.2	<3.1	39 J	18,900	6.60	NP	0.00	-	-	
10/20/04	66,000	6,390	6,560	672	3,290	13,300	3.38	NP	0.00	-	-	
01/19/05	17,600	513	240	855	2,230	3,310	4.32	NP	0.00	-	-	
04/20/05	19,200	190	109	452	974	1,870	4.72	NP	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	6.08	NP	0.00	-	-	
10/19/05	1,310	<0.32	<0.10	<0.24	<0.30	1,160	5.08	NP	0.00	-	-	
01/24/06	41,300	391	2,310	871	5,430	388	4.98	NP		-	-	
MONITORING WELL #MW-5 Screen Interval = 4 to 14 feet												

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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)					
01/09/92	-	-	-	-	-	-	5.32	NP	0.00	98.85	93.53
04/13/92	-	-	-	-	-	-	4.82	NP	0.00	98.85	94.03
10/0/92	-	-	-	-	-	-	8.78	NP	0.00	98.85	90.07
01/06/93	-	-	-	-	-	-	3.46	NP	0.00	98.85	95.39
04/26/93	-	-	-	-	-	-	4.66	NP	0.00	98.85	94.19
01/04/94	-	-	-	-	-	-	6.36	NP	0.00	98.85	92.49
04/05/94	-	-	-	-	-	-	5.94	NP	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	-	6.63	NP	0.00	98.85	92.22
04/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	5.22	NP	0.00	98.85	93.63
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.62	NP	0.00	98.85	92.23
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.12	NP	0.00	98.85	92.73
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.17	NP	0.00	98.85	93.68
04/21/97	73	2.5	0.34	0.74	3.8	21	6.64	NP	0.00	98.85	92.21
07/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	6.67	NP	0.00	98.85	92.18
10/07/97	130	<0.3	<0.3	<0.3	<0.5	-	8.20	NP	0.00	98.85	90.65
01/19/98	85	<0.3	<0.3	<0.3	<0.5	-	1.55	NP	0.00	98.85	97.30
04/23/98	220	0.39	<0.3	<0.3	<0.5	350	8.10	NP	0.00	98.85	90.75
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.30	NP	0.00	98.85	92.55
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5	7.65	NP	0.00	98.85	91.20
01/21/99	<50	<0.3	<0.3	<0.3	<0.5	*6.7 / <5	6.15	NP	0.00	98.85	92.70
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	1.60	NP	0.00	98.85	97.25
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.13	NP	0.00	98.85	92.72
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.61	NP	0.00	98.85	92.24
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	6.14	NP	0.00	98.85	92.71
04/05/00	<50	0.5	<0.25	<0.25	<0.5	*5.4 / <5	4.58	NP	0.00	98.85	94.27
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	4.59	NP	0.00	98.85	94.26
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	6.28	NP	0.00	98.85	92.57
01/17/01	<50	<0.18	<0.14	<0.18	1.0	*5 / 4.8	4.58	NP	0.00	98.85	94.27
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4.58	NP	0.00	98.85	94.27
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	6.12	NP	0.00	98.85	92.73
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4.58	NP	0.00	98.85	94.27
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4.48	NP	0.00	98.85	94.37
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4.58	NP	0.00	98.85	94.27
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	6.10	NP	0.00	98.85	92.75

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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)					
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	9	6.11	NP	0.00	98.85	92.74
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	7.1	4.55	NP	0.00	98.85	94.30
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	7.9	3.03	NP	0.00	98.85	95.82
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	7.4	5.25	NP	0.00	98.85	93.60
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	*9.11 / 9.2	5.25	NP	0.00	98.85	93.60
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	*8.2 / 4.1	3.03	NP	0.00	98.85	95.82
04/08/04	797	<0.22	<0.32	<0.31	<0.4	635	4.35	NP	0.00	98.85	94.50
07/21/04	548	<0.22	<0.32	<0.31	<0.4	788	5.56	NP	0.00	98.85	93.29
10/20/04	901	<0.22	<0.32	<0.31	<0.4	734	4.15	NP	0.00	98.85	94.70
01/19/05	350	<0.22	<0.32	<0.31	<0.4	860	4.57	NP	0.00	98.85	94.28
04/20/05	718	<0.22	<0.32	<0.31	<0.4	848	6.10	NP	0.00	98.85	92.75
07/20/05	255	<0.32	<0.10	<0.24	<0.30	274	5.76	NP	0.00	98.85	93.09
10/19/05	225	<0.32	<0.10	<0.24	<0.30	300	6.10	NP	0.00	98.85	92.75
01/24/06	681	<0.32	<0.10	<0.24	<0.30	334	4.34	NP	0.00	98.85	94.51
MONITORING WELL #MW-6 <i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	6.30	NP	0.00	99.67	93.37
04/13/92	-	-	-	-	-	-	5.47	NP	0.00	99.67	94.20
10/05/92	-	-	-	-	-	-	9.85	NP	0.00	99.67	89.82
01/06/93	-	-	-	-	-	-	4.16	NP	0.00	99.67	95.51
04/26/93	-	-	-	-	-	-	5.75	NP	0.00	99.67	93.92
01/14/94	-	-	-	-	-	-	7.20	NP	0.00	99.67	92.47
04/05/94	-	-	-	-	-	-	6.76	NP	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	-	6.16	NP	0.00	99.67	93.51
04/08/96	230	4.6	4.7	3.2	33	-	4.60	NP	0.00	99.67	95.07
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	7.30	NP	0.00	99.67	92.37
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.82	NP	0.00	99.67	93.85
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.40	NP	0.00	99.67	95.27
04/21/97	130	<0.3	<0.3	<0.3	<0.5	<20	7.10	NP	0.00	99.67	92.57
07/14/97	<50	<0.3	<0.3	<0.3	0.70	<20	7.35	NP	0.00	99.67	92.32
10/07/97	<50	0.78	0.3	<0.3	<0.5	-	6.98	NP	0.00	99.67	92.69
01/23/98	<50	<0.3	<0.3	<0.3	<0.5	-	2.35	NP	0.00	99.67	97.32
04/23/98	<50	<0.3	<0.3	<0.3	<0.5	<20	6.90	NP	0.00	99.67	92.77

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	5.45	NP	0.00	99.67	94.22
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.95	NP	0.00	99.67	94.72
01/21/99	<50	0.35	0.62	<0.3	<0.5	<5	3.90	NP	0.00	99.67	95.77
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	2.35	NP	0.00	99.67	97.32
07/26/99	1,000	<0.3	<0.3	<0.3	<0.5	*2,300 / 3,900	3.93	NP	0.00	99.67	95.74
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.15	NP	0.00	99.67	93.52
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*42 / 41	5.84	NP	0.00	99.67	93.83
04/05/00	4,600	338	2.8	1.2	55.2	*282 / 230	3.89	NP	0.00	99.67	95.78
07/19/00	60	1.0	2.0	<0.3	<0.6	*87 / 76	3.07	NP	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	3.87	NP	0.00	99.67	95.80
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.40	NP	0.00	99.67	94.27
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.40	NP	0.00	99.67	94.27
11/14/02	140	3.2	<0.18	5.2	<0.4	111	5.42	NP	0.00	99.67	94.25
01/29/03	694 J	<0.04	<0.02	<0.02	<0.06	630	3.88	NP	0.00	99.67	95.79
04/23/03	1,550	<0.04	<0.02	<0.02	<0.06	578	3.86	NP	0.00	99.67	95.81
07/10/03	1,670	<0.22	<0.32	<0.31	<0.4	509	5.31	NP	0.00	99.67	94.36
10/20/03	1,320	<0.04	<0.02	<0.02	<0.06	*656 / 662	5.30	NP	0.00	99.67	94.37
01/14/04	272	<0.04	<0.02	<0.02	<0.06	*304 / 180	3.82	NP	0.00	99.67	95.85
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.18	NP	0.00	99.67	94.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.42	NP	0.00	99.67	93.25
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.62	NP	0.00	99.67	94.05
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.40	NP	0.00	99.67	94.27
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.41	NP	0.00	99.67	94.26
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	4.07	NP	0.00	99.67	95.60
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	3.86	NP	0.00	99.67	95.81
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	5.20	NP	0.00	99.67	94.47
MONITORING WELL #MW-7											
<i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	6.30	NP	0.00	99.02	92.72
04/13/92	-	-	-	-	-	-	6.68	NP	0.00	99.02	92.34

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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)					
10/05/92	-	-	-	-	-	-	9.60	NP	0.00	99.02	89.42
01/06/93	-	-	-	-	-	-	13.90	NP	0.00	99.02	85.12
04/26/93	-	-	-	-	-	-	5.55	NP	0.00	99.02	93.47
01/04/94	-	-	-	-	-	-	7.58	NP	0.00	99.02	91.44
04/05/94	-	-	-	-	-	-	6.66	NP	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	-	6.94	NP	0.00	99.02	92.08
04/08/94	9,100	840	31	690	1,200	-	5.48	NP	0.00	99.02	93.54
07/22/96	11,000	1,700	22	660	700	840	6.60	NP	0.00	99.02	92.42
10/16/96	180	<0.3	<0.3	<0.3	<0.5	270	6.42	NP	0.00	99.02	92.60
01/22/97	130	<0.3	<0.3	<0.3	<0.5	470	5.70	NP	0.00	99.02	93.32
04/21/97	10,000	1,400	27	820	490	1,100	5.30	NP	0.00	99.02	93.72
07/14/97	8,200	660	15	230	270	560	7.90	NP	0.00	99.02	91.12
10/07/97	7,700	480	15	8.4	350	-	7.70	NP	0.00	99.02	91.32
01/19/98	1,400	20	0.74	0.46	4.4	-	6.05	NP	0.00	99.02	92.97
04/23/98	590	<0.3	<0.3	<0.3	<0.5	1,700	7.60	NP	0.00	99.02	91.42
07/20/98	4,900	570	150	300	500	1,500	5.30	NP	0.00	99.02	93.72
10/14/98	1,100	1.0	<0.3	<0.3	5.3	2,000	8.60	NP	0.00	99.02	90.42
01/21/99	570	0.32	<0.3	<0.3	<0.5	* 1,500 / 1,700	6.70	NP	0.00	99.02	92.32
04/15/99	770	<0.3	<0.3	<0.3	<0.5	* 1,400 / 1,200	6.07	NP	0.00	99.02	92.95
07/26/99	500	<0.3	<0.3	<0.3	<0.5	*710 / 950	7.86	NP	0.00	99.02	91.16
10/13/99	<50	<0.3	0.44	<0.3	0.62	<5	6.93	NP	0.00	99.02	92.09
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*5 / <5	6.44	NP	0.00	99.02	92.58
04/05/00	5,670	415	19	1.7	60.1	*329 / 194	7.86	NP	0.00	99.02	91.16
07/19/00	1,350	14	<3	<3	10	*237 / 120	7.10	NP	0.00	99.02	91.92
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	*63 / 41.1	5.28	NP	0.00	99.02	93.74
01/17/01	<50	<0.18	<0.14	<0.18	3.0	*57 / 81	5.27	NP	0.00	99.02	93.75
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	66	7.86	NP	0.00	99.02	91.16
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	*9 / 3.5	6.30	NP	0.00	99.02	92.72
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	*9.4 / 7.9	8.23	NP	0.00	99.02	90.79
01/30/02	2,590	40	9.0	8.0	6.0	*45 / 22	5.14	NP	0.00	99.02	93.88
04/17/02	51	<0.18	<0.14	<0.18	<0.26	*58 / 45	5.53	NP	0.00	99.02	93.49
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	*39 / 33	5.93	NP	0.00	99.02	93.09
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	6.8	5.92	NP	0.00	99.02	93.10
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.51	NP	0.00	99.02	93.51
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.14	NP	0.00	99.02	93.88

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	<0.18	5.03	NP	0.00	99.02	93.99
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.01	NP	0.00	99.02	94.01
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	4.38	NP	0.00	99.02	94.64
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.86	NP	0.00	99.02	94.16
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.82	NP	0.00	99.02	92.20
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.71	NP	0.00	99.02	93.31
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.77	NP	0.00	99.02	94.25
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.54	NP	0.00	99.02	93.48
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.80	NP	0.00	99.02	92.22
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	5.89	NP	0.00	99.02	93.13
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	4.89	NP	0.00	99.02	94.13
MONITORING WELL #RW-1											
01/09/92	-	-	-	-	-	-	14.00	NP	0.00	-	-
04/13/92	-	-	-	-	-	-	14.00	NP	0.00	-	-
10/05/92	-	-	-	-	-	-	15.05	NP	0.00	-	-
01/06/93	-	-	-	-	-	-	5.43	NP	0.00	-	-
04/26/93	-	-	-	-	-	-	13.20	NP	0.00	-	-
01/04/94	-	-	-	-	-	-	14.30	NP	0.00	-	-
04/05/94	-	-	-	-	-	-	14.13	NP	0.00	-	-
01/08/96	-	-	-	-	-	-	14.22	NP	0.00	-	-
04/08/96	-	-	-	-	-	-	14.33	NP	0.00	-	-
07/22/96	8,100	530	84	120	860	-	14.27	NP	0.00	-	-
10/16/96	-	-	-	-	-	-	13.10	NP	0.00	-	-
01/22/97	-	-	-	-	-	-	16.97	NP	0.00	-	-
10/07/97	-	-	-	-	-	-	14.20	NP	0.00	-	-
01/15/98	-	-	-	-	-	-	15.60	NP	0.00	-	-
04/23/98	81,000	0.72	1.4	3.2	5.7	270,000	14.20	NP	0.00	-	-
07/20/98	-	-	-	-	-	-	14.30	NP	0.00	-	-
10/14/98	-	-	-	-	-	-	11.20	NP	0.00	-	-
01/21/99	-	-	-	-	-	-	-	-	-	-	-
04/15/99	-	-	-	-	-	-	13.10	NP	0.00	-	-
07/26/99	4,400	<3	<3	<3	<5	*6,800 / 9,000	13.83	NP	0.00	-	-
10/13/99	-	-	-	-	-	-	-	-	-	-	-
01/20/00	-	-	-	-	-	-	13.22	NP	0.00	-	-

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (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	-	-	-	-	-	-	13.25	NP	0.00	-	-	
10/18/00	-	-	-	-	-	-	11.14	NP	0.00	-	-	
01/17/01	-	-	-	-	-	-	11.12	NP	0.00	-	-	
04/19/01	-	-	-	-	-	-	-	-	-	-	-	
07/18/01	-	-	-	-	-	-	11.20	NP	0.00	-	-	
10/10/01	-	-	-	-	-	-	11.20	NP	0.00	-	-	
01/30/02	-	-	-	-	-	-	12.30	NP	0.00	-	-	
04/17/02	-	-	-	-	-	-	14.30	NP	0.00	-	-	
07/31/02	-	-	-	-	-	-	14.21	NP	0.00	-	-	
11/14/02	-	-	-	-	-	-	14.13	NP	0.00	-	-	
01/29/03	-	-	-	-	-	-	13.12	NP	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	4.76	NP	0.00	-	-	
07/21/04	118	<0.22	<0.32	<0.31	<0.4	107	6.85	NP	0.00	-	-	
10/20/04	29,900	3,850	4,010	381	1,920	103	4.28	NP	0.00	-	-	
01/19/05	13,400	272	243	24 J	2,230	2,110	4.54	NP	0.00	-	-	
04/20/05	1,220	<0.22	<0.32	<0.31	<0.4	1,580	4.95	NP	0.00	-	-	
07/07/05	6,490	410	74	84	620	2,560	-	-	-	-	-	
07/20/05	4,900	133	52	<2.4	750	465	6.32	NP	0.00	-	-	
10/19/05	572	<0.32	<0.10	<0.24	<0.30	417	5.68	NP	0.00	-	-	
01/24/06	14,500	192	1,150	342	2,980	432	4.78	NP	0.00	-	-	

NOTE: * MTBE 8020 / 8260 Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020.
 ND = Nondetectable Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline
 NP = No free hydrocarbon product Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020 or 8260
 " - " = Not analyzed / Not available 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	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	1,2-Dichloroethane (1,2-DCA) (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
MONITORING WELL # MW-1							
11/14/02	<0.2	<0.12	<0.16	<10	<0.13	-	-
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
MONITORING WELL # MW-2							
11/14/02	<2.0	<1.2	111	341	<1.3	-	-
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
MONITORING WELL # MW-3							
11/14/02	<0.2	<0.12	<0.16	<10	<0.13	-	-
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
MONITORING WELL # MW-4							
11/14/02	<2.0	<1.2	106	281	<1.3	-	-
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							

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

DATE SAMPLED	Di-Isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	1,2-Dichloroethane (1,2-DCA) (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
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
MONITORING WELL # MW-3							
11/14/02	<0.2	<0.12	<0.16	<10	<0.13	-	-
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
MONITORING WELL # MW-4							
11/14/02	<0.2	<0.12	<0.16	<10	<0.13	-	-
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
MONITORING WELL # MW-7							
11/14/02	<0.2	<0.12	<0.16	<10	<0.13	-	-
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
MONITORING WELL # RW-1R							

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

DATE SAMPLED	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	1,2-Dichloroethane (1,2-DCA) (ug/L)	Ethanol (ug/L)	Methanol (ug/L)
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

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)	Total H-C Removed (lbs)	OUTLET / EFFLUENT (ug/L)						INLET / INFLUENT (ug/L)					
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
4/8/1991	1,310	0	-	0.00	-	<0.3	<0.3	<0.3	<0.9	-	-	910	2000	160	2000	-
4/15/1991	1,434	124	18	0.05	-	<0.3	<0.3	<0.3	<0.3	-	-	2800	4600	310	5000	-
4/22/1991	1,510	200	11	0.08	-	<15	<15	<15	<45	-	-	3100	3300	<15	2800	-
4/29/1991	1,660	350	21	0.14	-	<0.3	<0.3	<0.3	<0.9	-	-	3600	4500	300	5000	-
5/6/1991	1,740	430	11	0.17	-	<0.3	<0.3	<0.3	<0.9	-	-	3600	3500	300	3800	-
5/13/1991	1,880	570	20	0.22	-	<0.3	<0.3	<0.3	<0.9	-	-	3300	3200	230	3900	-
5/20/1991	2,010	700	19	0.27	-	<0.3	<0.3	<0.3	<0.9	-	-	3300	3400	260	5100	-
5/28/1991	2,050	740	5	0.29	-	<0.3	<0.3	<0.3	<0.9	-	-	2900	3000	230	4200	-
6/3/1991	2,110	800	10	0.31	-	<0.3	<0.3	<0.3	<0.9	-	-	2500	2100	110	2800	-
6/10/1991	2,160	850	7	0.33	-	<0.3	<0.3	<0.3	<0.9	-	-	1800	1700	120	2100	-
6/17/1991	2,219	909	8	0.36	-	<0.3	<0.3	<0.3	<0.9	-	-	2100	1900	170	2700	-
6/24/1991	2,263	953	6	0.37	-	<0.3	<0.3	<0.3	<0.9	-	-	2100	1800	150	2700	-
07/01/91	2,313	1,003	7	0.39	-	<0.5	<0.5	<1	<1	-	-	2,700	2,000	150	2,900	-
07/08/91	2,700	1,390	55	0.54	-	<0.5	<0.5	<1	<1	-	-	4,000	2,500	130	4,400	-
07/15/91	2,872	1,562	25	0.61	-	<0.5	<0.5	<1	<1	-	-	3,100	1,900	140	3,200	-
07/22/91	3,144	1,834	39	0.72	-	<0.5	<0.5	<1	<1	-	-	3,400	2,100	110	2,800	-
07/29/91	3,220	1,910	11	0.75	-	<0.5	<0.5	<1	<1	-	-	5,100	2,200	180	2,700	-
08/05/91	3,348	2,038	18	0.80	-	<0.5	<0.5	<1	<1	-	-	5,100	3,900	400	4,200	-
08/12/91	3,472	2,162	18	0.85	-	<0.5	<0.5	<1	<1	-	-	11,000	6,200	440	8,400	-
08/19/91	3,548	2,238	11	0.88	-	<0.5	<0.5	<1	<1	-	-	4,500	2,400	130	2,600	-
08/26/91	3,655	2,345	15	0.92	-	<0.5	<0.5	<1	<1	-	-	4,400	2,500	260	3,600	-
09/09/91	3,822	2,512	12	0.98	-	<0.5	<0.5	<1	<1	-	-	5,200	3,000	390	3,700	-
09/16/91	3,884	2,574	9	1.01	-	<0.5	<0.5	<1	<1	-	-	4,100	2,000	460	4,900	-
09/23/91	4,013	2,703	18	1.06	-	<0.5	<0.5	<1	<1	-	-	4,600	1,600	710	6,400	-
09/30/91	4,092	2,782	11	1.09	-	<0.5	<0.5	<1	<1	-	-	5,700	2,000	380	6,200	-
10/07/91	4,131	2,821	6	1.10	System shut down						-	-	-	-	-	-
10/14/91	4,195	2,885	9	1.13	-	<0.5	<0.5	<1	<1	-	-	4,400	2,000	370	8,100	-
10/21/91	4,406	3,096	30	1.21	-	<0.5	<0.5	<1	<1	-	-	2,300	1,100	190	4,200	-
10/28/91	4,474	3,164	10	1.24	-	<0.5	<0.5	<1	<1	-	-	6,400	4,100	620	6,100	-
11/03/91	4,613	3,303	23	1.29	-	<0.5	<0.5	<1	<1	-	-	6,100	2,800	200	5,600	-
11/11/91	4,700	3,390	11	1.33	-	<0.5	<0.5	<1	<1	-	-	6,500	2,300	<30	4,900	-
11/18/91	4,887	3,577	27	1.40	-	<0.5	<0.5	<1	<1	-	-	5,600	2,500	300	4,600	-
11/25/91	5,042	3,732	22	1.46	-	<0.5	<0.5	<1	<1	-	-	5,400	2,800	230	5,700	-
12/03/91	5,263	3,953	28	1.55	-	<0.5	<0.5	<1	<1	-	-	7,200	3,300	490	5,500	-
12/09/91	5,362	4,052	17	1.59	-	<0.5	<0.5	<1	<1	-	-	4,400	1,700	140	3,900	-
12/16/91	5,486	4,176	18	1.63	-	<0.5	<0.5	<0.5	<0.5	-	-	4,700	2,300	310	4,600	-
12/23/91	5,516	4,206	4	1.65	-	<0.5	<0.5	<0.5	<0.5	-	-	4,000	2,200	290	5,900	-
12/30/91	5,575	4,265	8	1.67	-	<0.5	<0.5	<0.5	<0.5	-	-	5,200	2,500	350	5,800	-
01/15/92	5,720	4,410	9	1.73	-	<0.5	<0.5	<0.5	<0.5	-	-	3,400	1,900	300	6,300	-
02/10/92	6,264	4,954	21	1.94	-	<0.5	<0.5	<0.5	<0.5	-	-	5,800	2,800	320	7,200	-
03/09/92	8,520	7,210	81	2.82	<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	7.37	<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	7.80	<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	8.37	<200	<0.5	<0.5	<0.5	<0.5	-	18,000	3,400	1,500	660	4,200	-

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)	Total H-C Removed (lbs)	OUTLET / EFFLUENT (ug/L)						INLET / INFLUENT (ug/L)						
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE	
07/13/92	72,675	27,020	-	8.37	-	<0.5	<0.5	<0.5	<0.5	-	-	1,800	750	150	5,600	-	
07/13/92	72,675	27,020	-	8.37	The system pumped air and flowmeter jumped from 30,000 gallons to 70,000 gallons.						-	-	-	-	-	-	-
08/17/92	75,046	29,391	68	8.72	-	<0.5	<0.5	<0.5	<0.5	-	-	1,100	350	200	1,100	-	
09/14/92	75,582	29,927	19	8.80	-	<0.5	<0.5	<0.5	<1	-	-	2,100	520	<25	3,500	-	
10/05/92	75,680	30,025	5	8.82	<200	<0.5	<0.5	<0.5	<1	-	19,000	1,700	270	<25	4,000	-	
11/09/92	77,280	31,625	46	9.07	-	<0.5	<0.5	<0.5	<0.5	-	-	4,000	1,400	120	5,900	-	
12/14/92	79,420	33,765	61	9.41	-	<0.5	<0.5	<0.5	<1	-	-	7,300	4,900	1,800	16,000	-	
01/04/93	84,720	39,065	252	10.25	-	<0.5	<0.5	<0.5	<1	-	-	5,400	2,100	450	7,800	-	
02/15/93	102,689	57,034	428	14.74	<200	<0.5	<0.5	<0.5	<1	-	41,000	6,600	3,200	260	9,600	-	
02/22/93	146,430	57,034	-	14.74	The system pumped air and flowmeter jumped from 102,689 gallons to 146,430 gallons.						-	-	-	-	-	-	-
03/08/93	147,500	58,104	76	15.10	-	<0.5	<0.5	<0.5	<1	-	-	7,400	3,400	56	11,000	-	
04/26/93	151,200	61,804	76	16.29	<100	<0.5	<0.5	<0.5	<1	-	36,000	4,300	2,200	420	8,300	-	
04/26/93	151,200	61,804	-	16.29	Shut down system for repair						-	-	-	-	-	-	-
07/21/93	151,240	61,844	0	16.30	Restart the system						-	-	-	-	-	-	-
08/11/93	151,650	62,254	20	16.43	-	<0.5	<0.5	<0.5	<1	-	-	6,500	2,300	390	6,200	-	
09/16/93	154,005	64,609	65	17.20	<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	17.48	<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	17.99	<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	18.23	<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	19.18	-	<0.3	<0.3	<0.3	<0.5	-	-	3,800	730	<13	1,200	-	
02/03/94	170,720	81,324	153	19.75	-	<0.3	<0.3	<0.3	<0.5	-	-	3,600	610	<4.4	4,800	-	
03/03/94	178,168	88,772	266	20.74	-	<0.3	<0.3	<0.3	<0.5	-	-	2,800	2,000	270	3,400	-	
04/07/94	185,670	96,274	214	22.06	<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	22.46	<50	<0.3	<0.3	<0.3	<0.5	-	4,600	100	10	8.4	280	-	
06/16/94	194,680	105,284	167	22.68	<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	22.83	<50	<0.3	<0.3	<0.3	<0.5	-	4,000	220	<2.6	<2.6	320	-	
08/04/94	200,910	111,514	74	22.92	<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	23.04	<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	23.07	<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	23.07	<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	23.07	<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	23.08	<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	23.08	<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	23.08	<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	23.08	<100	<0.5	<0.5	<0.5	<1	-	<100	<0.5	<0.5	<0.5	<1	-	
04/10/95	208,564	119,168	4	23.08	<100	<0.5	<0.5	<0.5	<1	-	3,300	180	7.6	2.1	150	-	
05/08/95	208,608	119,212	2	23.08	<100	<0.5	<0.5	<0.5	<1	-	11,000	640	9.2	<5	1,100	-	
06/05/95	208,926	119,530	11	23.10	<100	<0.5	<0.5	<0.5	<1	-	5,100	270	2.2	<0.5	49	-	
07/10/95	214,182	124,786	150	23.50	<100	<0.5	<0.5	<0.5	<1	-	13,000	1,600	120	24	1,300	-	
08/07/95	221,876	132,480	275	24.33	Shut down system for repair						-	-	-	-	-	-	-
08/28/95	221,997	132,601	6	24.35	Restart the system						-	-	-	-	-	-	-
09/06/95	222,003	132,607	1	24.35	<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	24.35	<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	24.36	<50	0.3	0.31	<0.3	0.68	-	3,000	27	1.7	3.7	48	-	

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)	Total H-C Removed (lbs)	OUTLET / EFFLUENT (ug/L)						INLET / INFLUENT (ug/L)							
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE		
12/11/95	223,792	134,396	31	24.39	<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	24.40	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	24.47	<50	10	0.37	<0.3	0.53	-	3,300	190	<7.5	<7.5	20	-		
03/12/96	229,301	139,905	51	24.50	<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	24.70	<50	<0.3	<0.3	<0.3	<0.5	-	1,000	90	5	<0.3	67	-		
05/06/96	247,840	158,444	197	25.07	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	25.15	Shut down system for carbon change						-	-	-	-	-	-	-	
08/08/96	248,423	159,027	-	25.15	Start-up system						-	-	-	-	-	-	-	
08/20/96	248,630	159,234	17	25.15	<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	25.42	<50	<0.3	<0.3	<0.3	<0.5	-	4,100	260	<3	<3	34	-		
10/16/96	263,610	174,214	199	25.55	<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	25.55	<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	25.58	<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	26.39	<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	26.79	<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	26.91	<50	<0.3	<0.3	<0.3	<0.5	-	89,000	<6	11	<6	14	-		
04/21/97	267,415	178,019	5	27.03	<50	<0.3	<0.3	<0.3	<0.5	-	61,000	730	18	130	360	-		
05/22/97	276,535	187,139	294	29.38	<50	<0.3	<0.3	<0.3	<0.5	-	650	1.3	<0.3	0.4	4.6	-		
06/23/97	281,214	191,818	146	29.41	-	-	-	-	-	-	-	-	-	-	-	-		
07/14/97	284,210	194,814	143	29.50	<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	30.29	-	-	-	-	-	-	-	-	-	-	-	-		
09/15/97	301,043	211,647	87	30.43	-	-	-	-	-	-	-	-	-	-	-	-		
10/07/97	333,480	244,084	1,474	44.01	<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	44.65	-	-	-	-	-	-	-	-	-	-	-	-		
12/08/97	334,382	244,986	5	44.72	-	-	-	-	-	-	-	-	-	-	-	-		
12/12/97	334,382	244,986	-	44.72	Shut down system due to stolen equipment						-	-	-	-	-	-	-	
04/08/98	334,382	244,986	-	44.72	<50	<0.3	<0.3	<0.3	<0.5	<20	3,100	12	1	<0.3	490	2,600		
05/11/98	334,382	244,986	-	44.72	-	-	-	-	-	-	-	-	-	-	-	-		
06/22/98	334,382	244,986	-	44.72	-	-	-	-	-	-	-	-	-	-	-	-		
07/20/98	334,382	244,986	-	44.72	<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	49.98	Shut down system for carbon canisters replacement						-	-	-	-	-	-	-	
09/17/98	354,985	265,589	188	53.64	-	-	-	-	-	-	-	-	-	-	-	-		
10/14/98	358,015	268,619	112	54.34	<50	<0.3	<0.3	<0.3	1.6	-	3,100	45	13	3.5	350	-		
11/05/98	359,600	270,204	72	54.38	System shut down due to vandalism and stolen equipment						-	-	-	-	-	-	-	
11/20/98	359,600	270,204	-	54.38	Restart						-	-	-	-	-	-	-	-
12/11/98	369,452	280,056	469	54.63	-	-	-	-	-	-	-	-	-	-	-	-		
12/24/98	-	280,056	-	54.63	No reading, meter broken						-	-	-	-	-	-	-	-
01/15/99	0	280,056	-	54.63	Replaced Flowmeter started at 0						-	-	-	-	-	-	-	-
01/21/99	986	281,042	164	54.64	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	54.64	-	-	-	-	-	-	-	-	-	-	-	-		
03/12/99	4,390	284,446	86	54.65	-	-	-	-	-	-	-	-	-	-	-	-		
04/15/99	8,595	288,651	124	54.66	<50	<0.3	<0.3	<0.3	<0.5	<5	410	1.6	0.78	<0.3	5	*580 / 330		
05/04/99	9,410	289,466	43	54.66	-	-	-	-	-	-	-	-	-	-	-	-		
05/18/99	9,410	289,466	-	54.66	Shut down system for pump controller repair by manufacturer						-	-	-	-	-	-	-	-

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					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
09/20/99	9,411	289,467	0	54.66	Restart the system						-	-	-	-	-	-
09/24/99	9,412	289,468	0	54.66	-	-	-	-	-	-	-	-	-	-	-	
10/13/99	9,510	289,566	5	54.67	<50	<0.3	<0.3	<0.3	<0.5	<5	6,000	<0.3	<0.3	<0.3	<0.5	13,000
11/12/99	9,702	289,758	6	54.68	-	-	-	-	-	-	-	-	-	-	-	-
12/17/99	9,894	289,950	5	54.69	-	-	-	-	-	-	-	-	-	-	-	-
01/20/00	10,052	290,108	5	54.69	<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	54.70	-	-	-	-	-	-	-	-	-	-	-	-
03/13/00	10,355	290,411	8	54.71	-	-	-	-	-	-	-	-	-	-	-	-
04/05/00	10,546	290,602	8	54.90	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	55.42	Shut down system for carbon drum replacement						-	-	-	-	-	-
06/05/00	11,075	291,131	0	55.42	Restart the system						-	-	-	-	-	-
06/14/00	11,132	291,188	6	55.47	<50	<0.3	<0.3	<0.3	<0.6	<5	<1,000	<6	<6	<6	14	24,500
07/06/00	11,362	291,418	10	55.70	Shut down system for carbon replacement						-	-	-	-	-	-
07/17/00	0	291,418	-	55.70	Restart the system after carbon change, repipe and flowmeter change (starting at 0.0)						-	-	-	-	-	-
07/24/00	411	291,829	59	55.91	<50	<0.3	<0.3	<0.3	<0.6	<5	205	<0.3	1	<0.3	<0.6	*99 / 104
08/21/00	8,193	299,611	278	55.92	-	-	-	-	-	-	-	-	-	-	-	-
09/18/00	27,251	318,669	681	55.95	-	-	-	-	-	-	-	-	-	-	-	-
10/18/00	54,280	345,698	901	96.15	<50	<0.18	<0.14	<0.18	<0.26	<0.24	357,000	2,380	2,960	1,290	6,850	9,630
10/30/00	64,610	356,028	861	126.87	-	-	-	-	-	-	-	-	-	-	-	-
11/27/00	79,870	371,288	545	172.24	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	99,240	390,658	775	229.82	-	-	-	-	-	-	-	-	-	-	-	-
01/17/01	101,250	392,668	77	233.02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	24,700	783	373	2	3,480	15,000
02/23/01	144,120	435,538	1,159	241.84	-	-	-	-	-	-	-	-	-	-	-	-
03/30/01	195,400	486,818	1,465	252.38	-	-	-	-	-	-	-	-	-	-	-	-
04/06/01	199,090	490,508	527	253.14	System shut down for carbon replacement; Replaced on 4/11/01, restart on 4/13/01.						-	-	-	-	-	
04/20/01	207,050	498,468	569	255.17	88	<0.18	<0.14	<0.18	<0.26	93	36,500	855	716	659	1,570	11,400
04/27/01	210,640	502,058	513	256.26	System shut down for repair/replacement of compressor's pressure switch and exhaust valve						-	-	-	-	-	
04/30/01	210,640	502,058	-	256.26	320	<0.18	<0.14	<0.18	<0.26	*337 / 60	7,620	268	22	10	124	*13,600 / 9,130
05/11/01	210,640	502,058	-	256.26	Replaced pressure switch on 5/7/01, system still off for carbon replacement.						-	-	-	-	-	
05/21/01	210,640	502,058	-	256.26	Restart the system						-	-	-	-	-	
05/30/01	226,830	518,248	1,799	263.29	<50	<0.18	<0.14	<0.18	<0.26	<0.24	96,600	4,980	1,660	2,770	11,300	*53,600 / 41,600
06/29/01	267,230	558,648	1,347	295.79	-	-	-	-	-	-	-	-	-	-	-	-
07/11/01	310,010	601,428	3,565	341.86	<50	<0.18	<0.14	<0.18	<0.26	<0.24	162,000	<0.18	4,140	4,760	24,000	<0.24
08/17/01	441,270	732,688	3,548	518.94	-	-	-	-	-	-	-	-	-	-	-	-
09/28/01	498,310	789,728	1,358	595.89	-	-	-	-	-	-	-	-	-	-	-	-
10/03/01	503,930	795,348	1,124	600.42	<50	<0.18	<0.14	<0.18	<0.26	<0.24	31,600	<1.8	150	294	5,280	<2.4
11/12/01	664,700	956,118	4,019	642.73	-	-	-	-	-	-	-	-	-	-	-	-
12/28/01	706,300	997,718	904	653.68	-	-	-	-	-	-	-	-	-	-	-	-
01/11/02	721,050	1,012,468	1,054	657.56	System shut down for carbon replacement						-	-	-	-	-	
01/21/02	721,050	1,012,468	-	657.56	Restart the system						-	-	-	-	-	
02/01/02	731,320	1,022,738	934	658.96	<100	<0.3	<0.3	<0.3	<0.6	<5	1,172	1	1	1	6	<5
02/22/02	751,340	1,042,758	953	659.16	-	-	-	-	-	-	-	-	-	-	-	-
03/27/02	813,240	1,104,658	1,876	659.76	-	-	-	-	-	-	-	-	-	-	-	-
04/12/02	835,170	1,126,588	1,371	660.97	<50	<0.18	<0.14	<0.18	<0.26	<0.24	12,100	5	1	<0.18	<0.26	18,400

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					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
04/26/02	918,670	1,210,088	5,964	669.39	System shut down						-	-	-	-	-	-
05/10/02	918,680	1,210,098	1	669.39	Restart						-	-	-	-	-	-
05/17/02	928,670	1,220,088	1,427	670.40	-	-	-	-	-	-	-	-	-	-	-	
06/03/02	-	-	-	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	Split-sample results during EBMUD inspection & sampling					
06/07/02	971,240	1,262,658	2,027	674.69	-	-	-	-	-	-	-	-	-	-	-	
06/28/02	1,012,150	1,303,568	1,948	678.81	-	-	-	-	-	-	-	-	-	-	-	
07/15/02	1,045,670	1,337,088	1,972	681.98	<50	<0.18	<0.14	<0.18	<0.26	3.3 J	10,600	<0.18	<0.14	<0.18	<0.26	10,000
07/31/02	1,052,380	1,343,798	419	682.57	System shut down for carbon replacement						-	-	-	-	-	-
08/16/02	1,052,390	1,343,808	1	682.57	Restart						-	-	-	-	-	-
08/30/02	1,057,310	1,348,728	351	683.00	-	-	-	-	-	-	-	-	-	-	-	-
09/20/02	1,061,730	1,353,148	210	683.39	<50	<0.1	<0.15	<0.06	-	-	Split-sample results during EBMUD inspection & sampling					
09/27/02	1,064,020	1,355,438	327	683.60	-	-	-	-	-	-	-	-	-	-	-	-
10/04/02	1,069,130	1,360,548	730	683.79	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4,500 J	<0.18	<0.14	<0.18	<0.26	2,570
10/25/02	1,082,500	1,373,918	637	684.29	-	-	-	-	-	-	-	-	-	-	-	-
11/29/02	1,108,680	1,400,098	748	685.27	-	-	-	-	-	-	-	-	-	-	-	-
12/27/02	1,123,890	1,415,308	543	685.84	-	-	-	-	-	-	-	-	-	-	-	-
01/03/03	1,128,910	1,420,328	717	686.03	System shut down for carbon replacement						-	-	-	-	-	-
01/10/03	1,128,970	1,420,388	9	686.03	Restart						-	-	-	-	-	-
01/17/03	1,132,560	1,423,978	513	687.00	<50	<0.14	<0.07	<0.08	1.1	<2.0	32,400	11	64	<0.8	6,050	706
01/31/03	1,143,290	1,434,708	766	689.46	<15	<0.04	0.58	<0.02	1.1	<0.03	22,700	14	34	18	5,160	550
02/14/03	1,153,670	1,445,088	741	691.42	System shut down for carbon replacement						-	-	-	-	-	-
04/04/03	1,153,670	1,445,088	-	691.42	System kept off and dismantled for upgrade						-	-	-	-	-	-
06/18/04	0.0	1,445,088	-	691.42	Startup of upgraded system						-	-	-	-	-	-
06/21/04	2,322.2	1,447,410	774	691.94	-	<0.22	<0.32	<0.31	<0.4	-	-	-	-	-	-	-
06/23/04	3,361.0	1,448,449	519	692.18	-	<0.14	<0.16	<0.18	<0.45	-	-	-	-	-	-	-
06/25/04	4,398.0	1,449,486	519	692.41	-	<0.14	<0.16	<0.18	<0.45	-	-	-	-	-	-	-
07/01/04	6,395.7	1,451,484	333	692.86	-	-	-	-	-	-	-	-	-	-	-	-
07/09/04	8,606.5	1,453,695	276	693.36	-	-	-	-	-	-	-	-	-	-	-	-
07/19/04	11,130.0	1,456,218	252	693.93	-	-	-	-	-	-	-	-	-	-	-	-
07/29/04	11,346.0	1,456,434	22	693.97	-	-	-	-	-	-	-	-	-	-	-	-
08/09/04	12,511.0	1,457,599	106	694.24	-	-	-	-	-	-	27,000	201	247	<0.18	2,060	11,300
08/30/04	19,294.0	1,464,382	323	695.76	-	-	-	-	-	-	-	-	-	-	-	-
09/03/04	20,211.0	1,465,299	229	695.94	-	<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	696.65	-	-	-	-	-	-	-	-	-	-	-	-
10/07/04	28,244.9	1,473,333	217	697.28	-	<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	697.28	-	<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	697.32	-	-	-	-	-	-	-	-	-	-	-	-
10/28/04	34,435.8	1,479,524	853	698.52	-	-	-	-	-	-	-	-	-	-	-	-
11/02/04	37,200.4	1,482,288	553	699.07	-	-	-	-	-	-	-	-	-	-	-	-
11/09/04	39,902.6	1,484,991	386	699.68	-	-	-	-	-	-	29,500	564	628	173	4,550	11,800
11/17/04	43,165.9	1,488,254	408	700.48	-	-	-	-	-	-	-	-	-	-	-	-
11/22/04	43,760.3	1,488,848	119	700.62	-	-	-	-	-	-	-	-	-	-	-	-
12/03/04	43,827.9	1,488,916	6	700.64	-	-	-	-	-	-	-	-	-	-	-	-
12/09/04	43,862.7	1,488,951	6	700.65	-	-	-	-	-	-	-	-	-	-	-	-

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					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
12/17/04	44,034.6	1,489,123	21	700.69	-	-	-	-	-	-	-	-	-	-	-	-
12/23/04	45,408.0	1,490,496	229	700.99	-	<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	701.38	-	-	-	-	-	-	-	-	-	-	-	-
01/07/05	54,048.5	1,499,137	738	702.66	-	-	-	-	-	-	-	-	-	-	-	-
01/12/05	56,143.5	1,501,232	419	703.07	EMC took over operation and maintenance of system						-	-	-	-	-	-
01/14/05	56,307.2	1,501,395	82	703.10	Carbon change						-	-	-	-	-	-
01/19/05	56,307.2	1,501,395	-	703.10	Restarted after carbon change						-	-	-	-	-	-
01/27/05	57,610.1	1,502,698	163	703.25	<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	703.48	-	-	-	-	-	-	-	-	-	-	-	-
02/11/05	65,739.0	1,510,827	311	703.58	-	-	-	-	-	-	-	-	-	-	-	-
02/18/05	67,326.3	1,512,414	227	703.64	-	-	-	-	-	-	-	-	-	-	-	-
02/24/05	67,392.1	1,512,480	11	703.65	-	-	-	-	-	-	-	-	-	-	-	-
03/09/05	67,984.2	1,513,072	46	703.67	-	-	-	-	-	-	-	-	-	-	-	-
03/17/05	69,219.3	1,514,307	154	703.72	-	-	-	-	-	-	-	-	-	-	-	-
03/23/05	70,454.2	1,515,542	206	703.77	-	-	-	-	-	-	-	-	-	-	-	-
03/30/05	71,783.1	1,516,871	190	703.82	-	-	-	-	-	-	-	-	-	-	-	-
04/06/05	75,721.2	1,520,809	563	704.08	<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	<0.22	Split-sample results during EBMUD inspection & sampling					
04/14/05	79,730.2	1,524,818	501	704.45	System was turned off for QWS						-	-	-	-	-	-
04/21/05	79,885.1	1,524,973	22	704.46	Restarted system						-	-	-	-	-	-
04/27/05	80,674.2	1,525,762	132	704.53	-	-	-	-	-	-	-	-	-	-	-	-
05/12/05	83,901.3	1,528,989	215	704.82	-	-	-	-	-	-	-	-	-	-	-	-
05/20/05	84,601.7	1,529,690	88	704.89	-	-	-	-	-	-	-	-	-	-	-	-
05/27/05	86,432.1	1,531,520	261	705.05	-	-	-	-	-	-	-	-	-	-	-	-
06/02/05	87,654.3	1,532,742	204	705.17	-	-	-	-	-	-	-	-	-	-	-	-
06/09/05	87,981.1	1,533,069	47	705.19	-	-	-	-	-	-	-	-	-	-	-	-
06/16/05	88,340.0	1,533,428	51	705.23	-	-	-	-	-	-	-	-	-	-	-	-
06/16/05	0.0	1,533,428	-	705.23	Changed battery for flow meter (reset to 0.0 gallons)						-	-	-	-	-	-
06/23/05	2,914.2	1,536,342	416	705.49	-	-	-	-	-	-	-	-	-	-	-	-
06/28/05	4,751.3	1,538,179	367	705.66	-	-	-	-	-	-	-	-	-	-	-	-
07/07/05	7,125.7	1,540,554	264	705.84	<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	705.93	-	-	-	-	-	-	-	-	-	-	-	-
07/19/05	9,145.3	1,542,573	87	705.97	-	-	-	-	-	-	-	-	-	-	-	-
07/26/05	10,570.5	1,543,999	204	706.06	System was turned off for QWS and carbon change						-	-	-	-	-	-
08/03/05	10,572.1	1,544,000	0	706.06	Restarted system						-	-	-	-	-	-
08/09/05	10,827.1	1,544,255	43	706.07	-	-	-	-	-	-	-	-	-	-	-	-
08/19/05	11,219.6	1,544,648	39	706.10	-	<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	706.10	-	-	-	-	-	-	-	-	-	-	-	-
09/07/05	11,713.1	1,545,141	27	706.13	-	-	-	-	-	-	-	-	-	-	-	-
09/13/05	11,816.3	1,545,244	17	706.13	-	-	-	-	-	-	-	-	-	-	-	-
09/20/05	11,930.2	1,545,358	16	706.14	-	-	-	-	-	-	-	-	-	-	-	-
09/26/05	12,241.6	1,545,670	52	706.16	-	-	-	-	-	-	-	-	-	-	-	-
10/04/05	12,314.2	1,545,742	9	706.17	<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	706.17	-	-	-	-	-	-	-	-	-	-	-	-

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

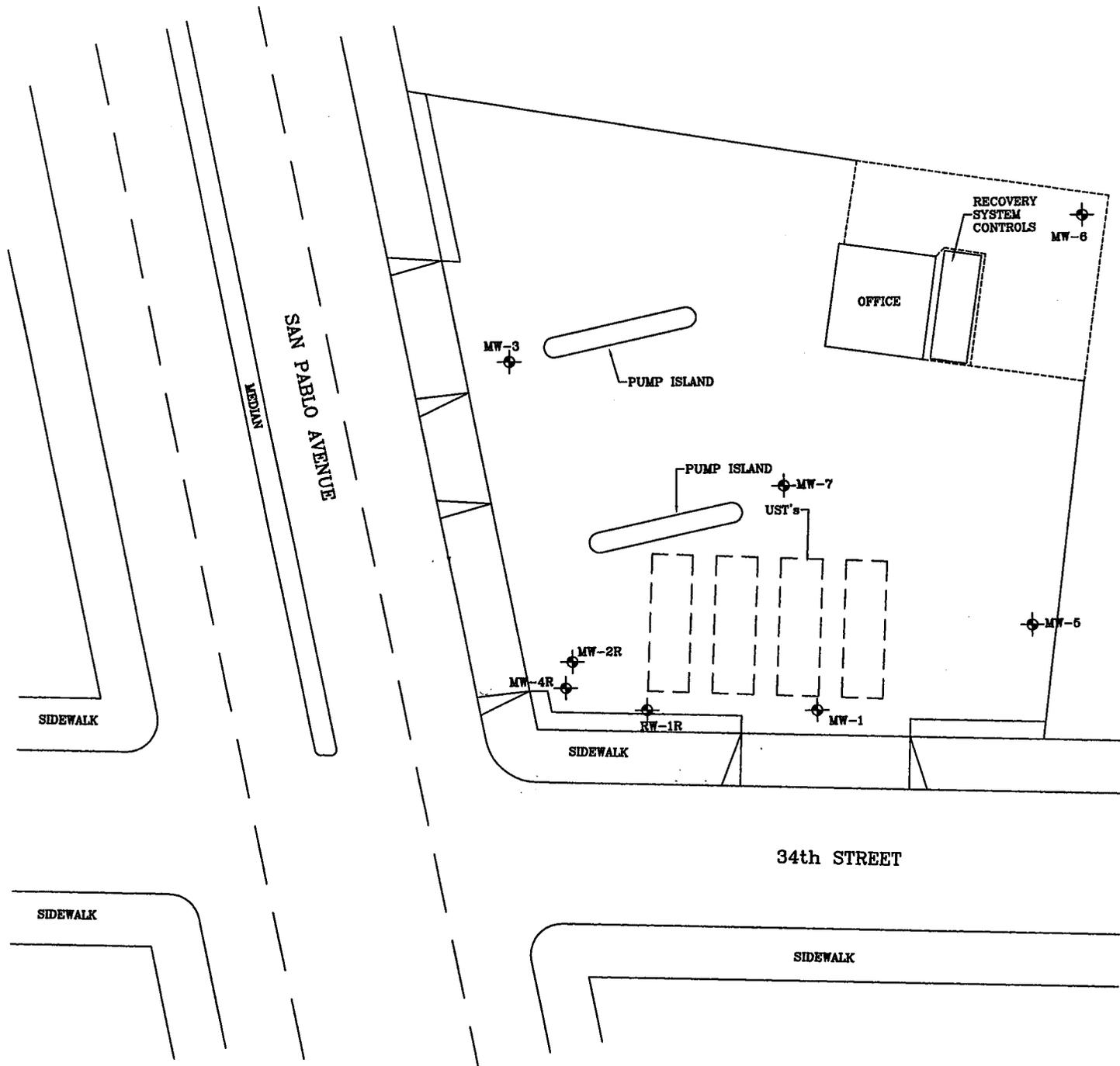
Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	Total H-C Removed (lbs)	OUTLET / EFFLUENT (ug/L)						INLET / INFLUENT (ug/L)					
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
10/17/05	12,781.3	1,546,209	34	706.18	System was turned off for QWS						-	-	-	-	-	-
10/21/05	12,796.1	1,546,224	4	706.18	Restarted system						-	-	-	-	-	-
11/01/05	13,383.2	1,546,811	53	706.20	-	-	-	-	-	-	-	-	-	-	-	
11/08/05	13,399.2	1,546,827	2	706.20	-	<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	706.22	-	-	-	-	-	-	-	-	-	-	-	
11/23/05	0.0	1,547,235	-	706.22	Changed battery for flow meter (reset to 0.0 gallons)						-	-	-	-	-	-
11/29/05	717.2	1,547,953	120	706.24	-	-	-	-	-	-	-	-	-	-	-	
12/07/05	1,038.1	1,548,274	40	706.25	-	-	-	-	-	-	-	-	-	-	-	
12/14/05	1,669.4	1,548,905	90	706.28	-	-	-	-	-	-	-	-	-	-	-	
12/20/05	1,874.3	1,549,110	34	706.28	-	-	-	-	-	-	-	-	-	-	-	
12/28/05	2,022.1	1,549,258	18	706.29	-	-	-	-	-	-	-	-	-	-	-	
01/04/06	4,413.3	1,551,649	342	706.37	-	-	-	-	-	-	-	-	-	-	-	
01/10/06	5,614.3	1,552,850	200	706.46	<2.9	<0.32	<0.1	<0.24	<0.3	<0.63	12,000	16	51	2.3 J	1,300	338
01/18/06	6,414.4	1,553,650	100	706.54	-	-	-	-	-	-	-	-	-	-	-	-
01/20/06	6,728.3	1,553,964	157	706.57	System was turned off for QWS and carbon change						-	-	-	-	-	-
01/27/06	6,731.2	1,553,967	0	706.57	Restarted system						-	-	-	-	-	-
01/31/06	6,842.3	1,554,078	28	706.58	-	-	-	-	-	-	-	-	-	-	-	-
02/01/06	6,903.0	1,554,138	61	706.58	-	<0.17	<0.22	<0.14	<0.38	-	Split-sample results during EBMUD inspection & sampling					
02/01/06	0.0	1,554,138	-	706.58	Changed battery for flow meter (reset to 0.0 gallons)						-	-	-	-	-	-
02/07/06	308	1,554,447	51	706.62	-	-	-	-	-	-	-	-	-	-	-	-
02/21/06	978	1,555,116	48	706.68	-	-	-	-	-	-	-	-	-	-	-	-
02/24/06	1,268	1,555,406	97	706.71	-	-	-	-	-	-	-	-	-	-	-	-
02/24/06	10	1,555,406	-	706.71	Replaced flow meter with nonresettable analog type, start with 10						-	-	-	-	-	-
02/28/06	978	1,556,374	242	706.81	-	-	-	-	-	-	-	-	-	-	-	-
03/07/06	3,254	1,558,650	325	707.04	-	-	-	-	-	-	-	-	-	-	-	-
03/14/06	4,672	1,560,068	203	707.18	-	-	-	-	-	-	-	-	-	-	-	-
03/21/06	6,793	1,562,189	303	707.39	-	-	-	-	-	-	-	-	-	-	-	-
03/28/06	8,214	1,563,610	203	707.53	-	-	-	-	-	-	-	-	-	-	-	-

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

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

TPH is analyzed by EPA Method 8015 M
 BTEX is analyzed by EPA Method 602/8020 or 8021
 *MTBE 8021/8260

FIGURES



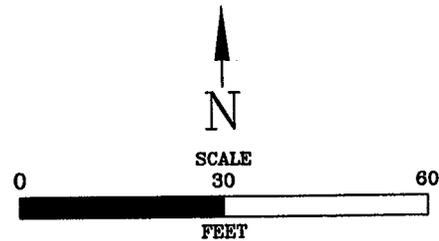
LEGEND

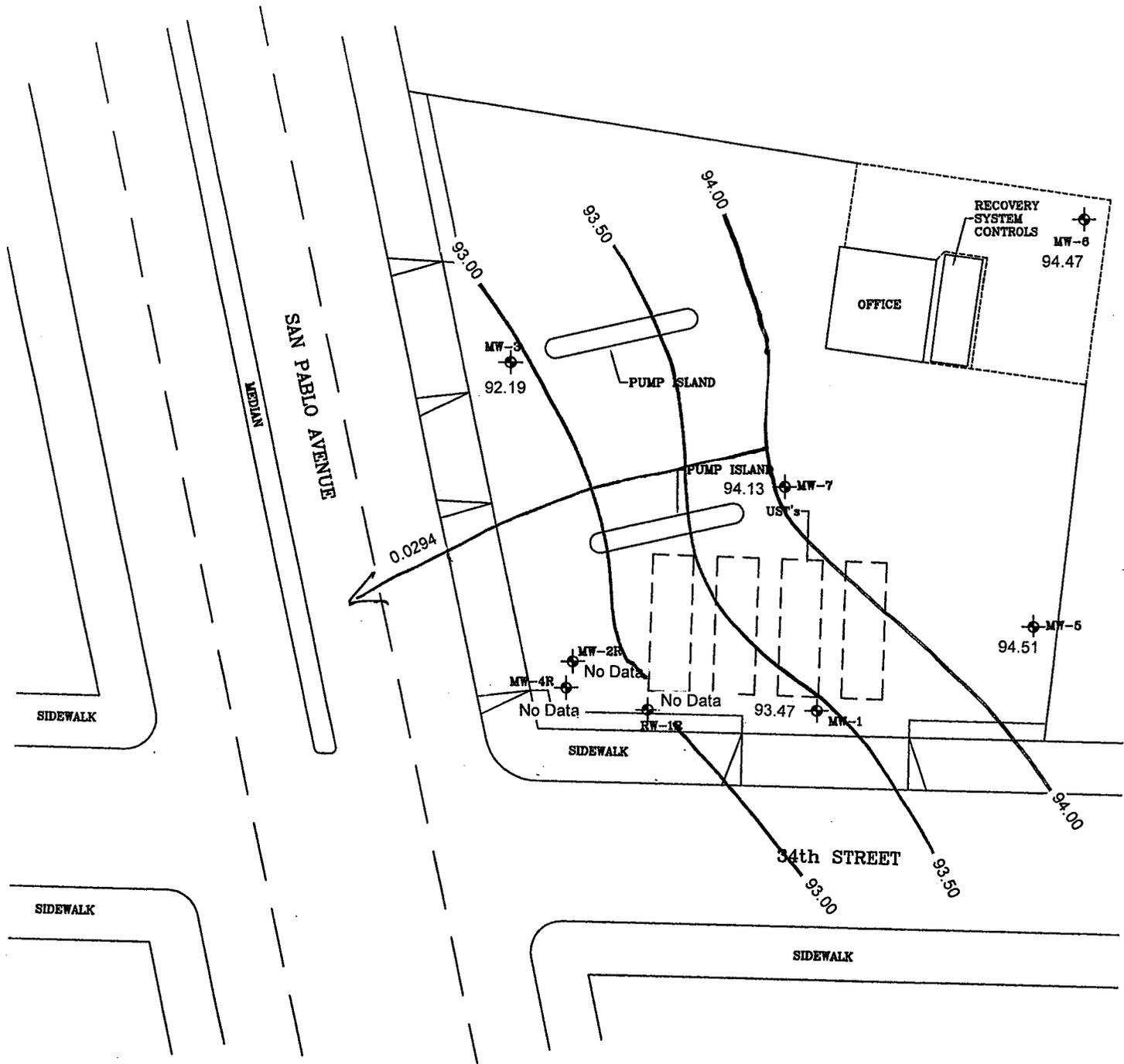
- MW-4R  RECOVERY WELL LOCATION
- MW-1  MONITORING WELL LOCATION
- SB-1  SOIL BORING LOCATION

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

FIGURE:

1





LEGEND

MW-4R RECOVERY WELL LOCATION

MW-1 MONITORING WELL LOCATION

SB-1 SOIL BORING LOCATION

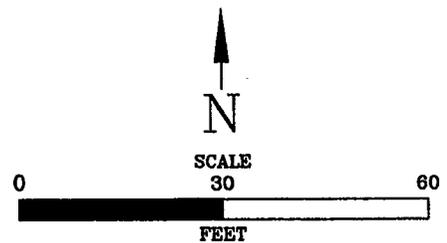
Data Collected 1/24/2006
Datum is Mean Sea Level

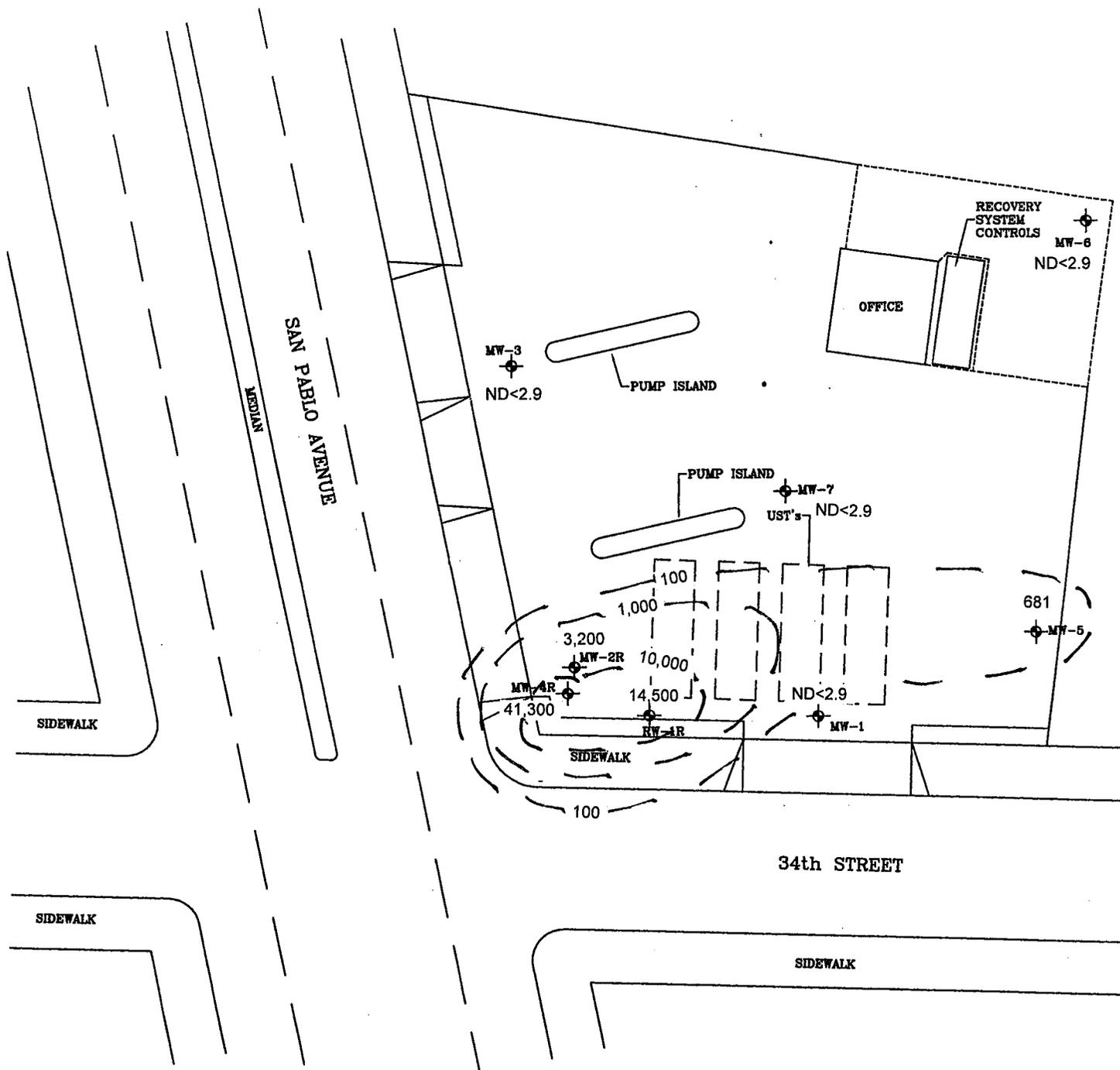
GROUNDWATER CONTOURS

THRIFTY OIL #049
3400 SAN PABLO AVE
OAKLAND, CALIFORNIA

FIGURE:

2





LEGEND

MW-4R RECOVERY WELL LOCATION

MW-1 MONITORING WELL LOCATION

SB-1 SOIL BORING LOCATION

Samples Collected 1/24/2006

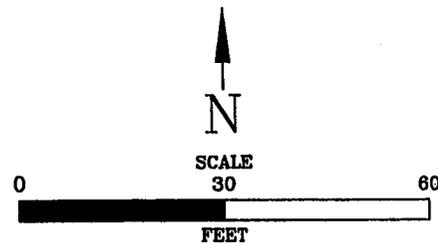
Results in ug/L

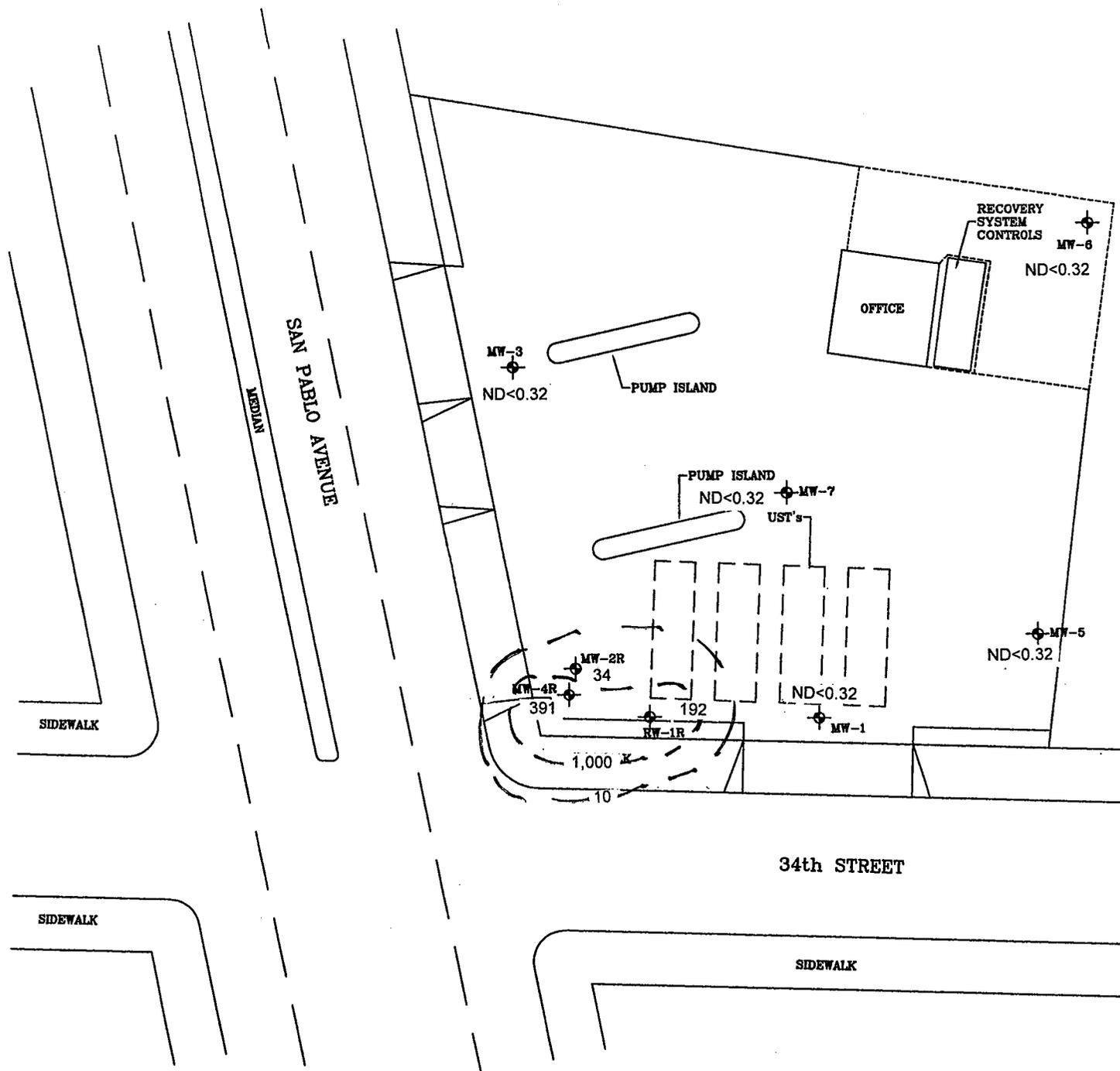
TPHg in GROUNDWATER

THRIFTY OIL #049
 3400 SAN PABLO AVE
 OAKLAND, CALIFORNIA

FIGURE:

3





LEGEND

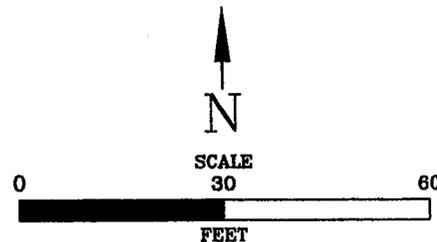
- MW-4R RECOVERY WELL LOCATION
 - MW-1 MONITORING WELL LOCATION
 - SB-1 SOIL BORING LOCATION
- Samples Collected 1/24/2006
Results in ug/L

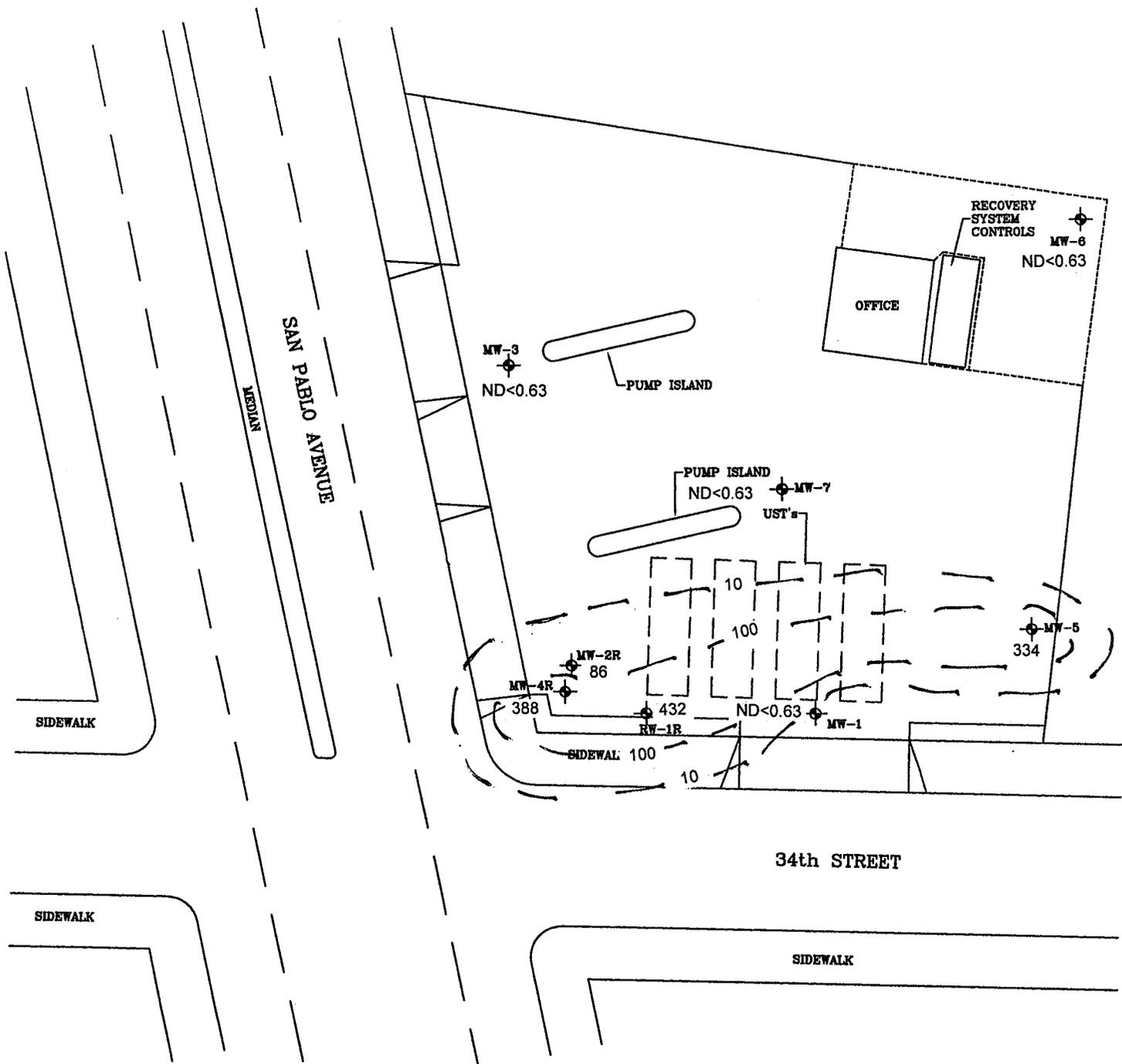
Benzene in GROUNDWATER

THRIFTY OIL #049
3400 SAN PABLO AVE
OAKLAND, CALIFORNIA

FIGURE:

4





LEGEND

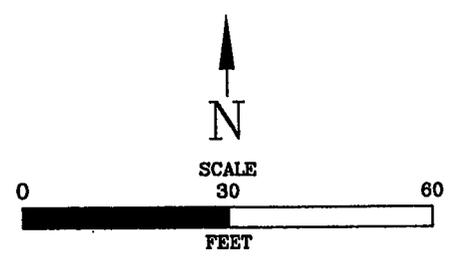
- MW-4R RECOVERY WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- SB-1 SOIL BORING LOCATION

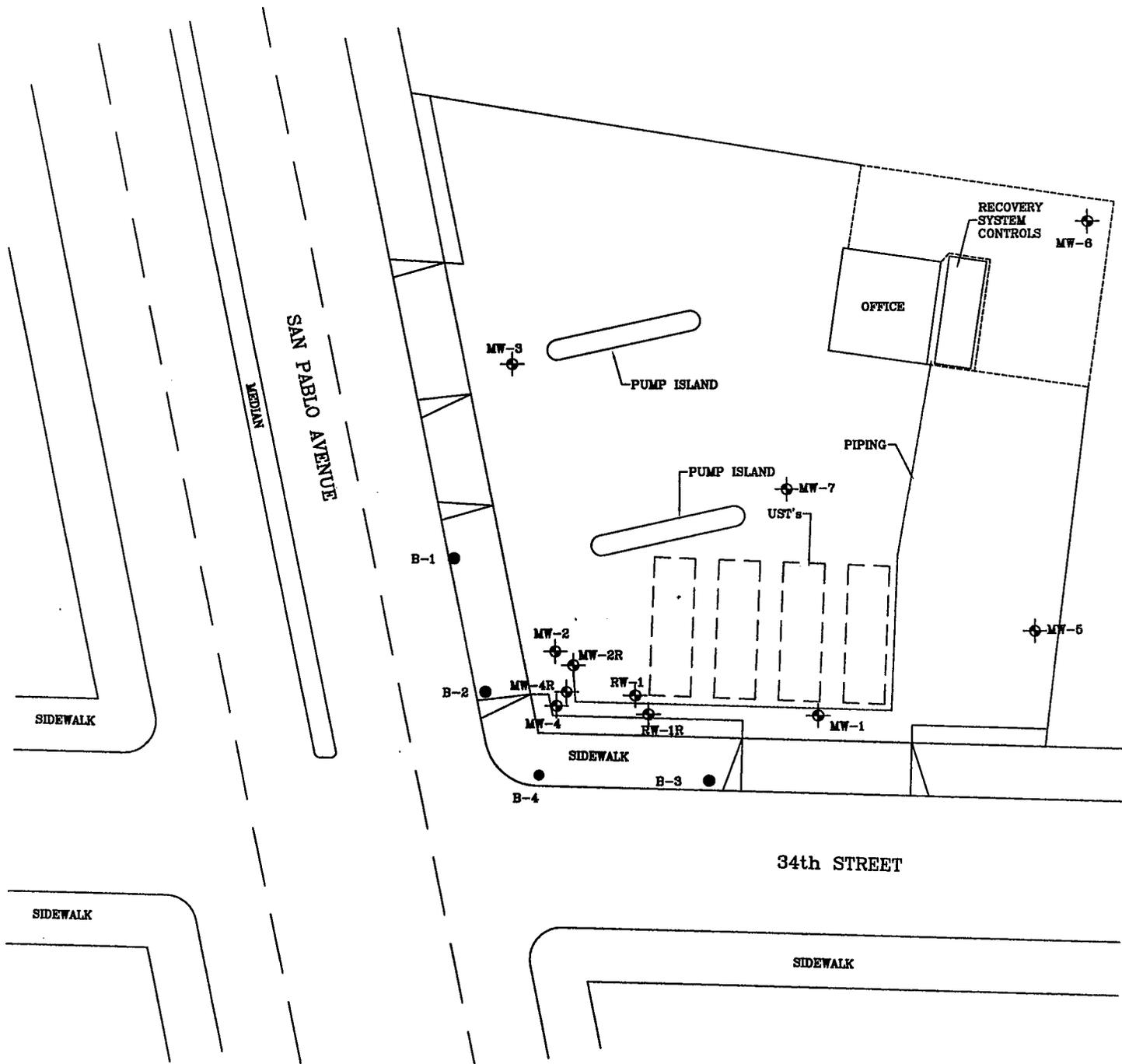
Samples Collected 1/24/2006
Results in ug/L

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

FIGURE:

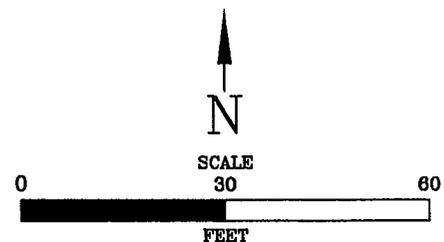
5





LEGEND

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



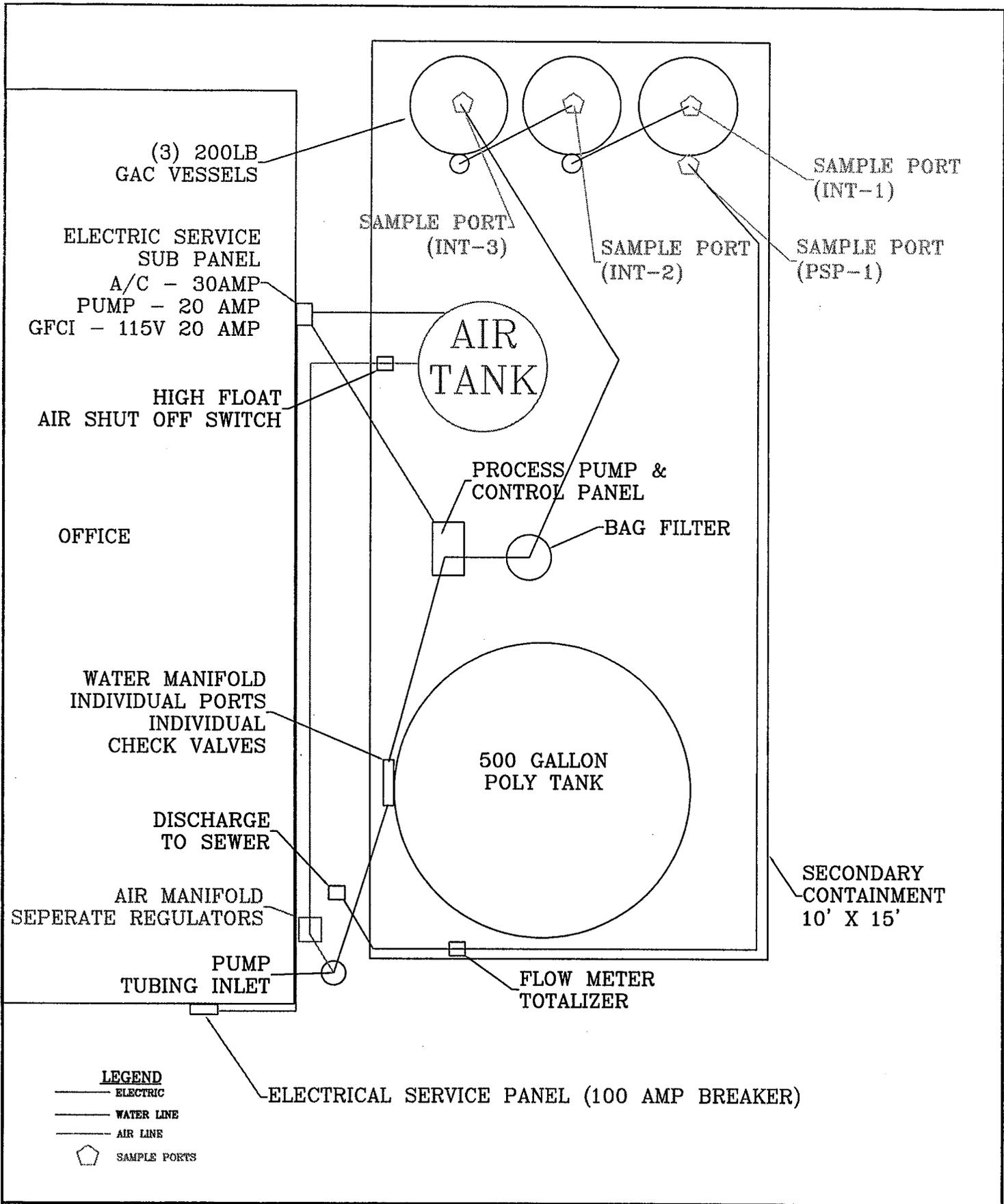
REMEDIATION SYSTEM LAYOUT

Thrifty Oil #49
 3400 San Pablo Avenue
 Oakland, California

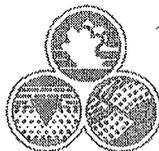


Advanced
GeoEnvironmental, Inc.

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

APPENDIX A

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	01.24.06
Address:			
Personnel:	SERBAT	Weather:	SUNNY DAY
Well No:	MW-1	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	17.72	Well Diameter	2"
Depth to Water (ft)	4.56	Est. Purge Volume:	8

Sampling Data:							
Initial Turbidity:	Final Turbidity:						
Time	9:03	9:06	9:09	9:12	9:15		
EC	1420	1410	1430	1420	1420		
pH	6.11	6.06	6.11	6.09	6.09		
Temp	72.3	72.6	72.4	72.5	72.6		
Gal.	1	3	4	6	8		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	8.06	Total Well Depth(ft).	17.72

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	2049	Date:	01.24.06
Address:			
Personnel:	SERBATA	Weather:	SUNNY DAY
Well No:	MW-7	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.54	Well Diameter	4"
Depth to Water (ft)	4.89	Est. Purge Volume:	22

Sampling Data:								
Initial Turbidity:			Final Turbidity:					
Time	9:21	9:27	9:33	9:39	9:45			
EC	1710	1730	1720	1730	1720			
pH	6.04	6.11	6.06	6.03	6.03			
Temp	71.8	71.6	71.5	71.6	71.4			
Gal.	4	8	13	17	22			
Time								
EC								
pH								
Temp								
Gal.								

After Purging/Before Sample Collection	
Depth to Water (ft.)	7.11
Total Well Depth (ft.)	13.54

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	01.24.06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	24.13	Well Diameter	2 ⁴
Depth to Water (ft)	5.50	Est. Purge Volume:	12

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:49	9:53	9:57	10:01	10:05		
EC	1630	1640	1640	1630	1640		
pH	6.11	6.19	6.14	6.21	6.14		
Temp	72.3	72.4	72.6	72.4	72.3		
Gal.	2	4	7	9	12		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	7.18	Total Well Depth (ft.)	24.13

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	01.24.06
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-5	Equip:	BATLER

Before Purging:			
Total Well Depth: (ft.)	13.77	Well Diameter	24
Depth to Water (ft)	4.34	Est. Purge Volume:	6

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:07	10:09	10:11	10:13	10:15		
EC	1540	1580	1510	1410	1480		
pH	6.03	5.93	5.91	5.87	5.93		
Temp	71.6	71.4	71.3	71.2	71.4		
Gal.	2	3	4	5	6		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	6.06	Total Well Depth(ft).	13.77

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	<u>H-049</u>	Date:	<u>01.24.06</u>
Address:			
Personnel:	<u>SERBAH</u>	Weather:	<u>SUNNY DAY</u>
Well No:	<u>MW-2R</u>	Equip:	<u>BAILER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>16.76</u>	Well Diameter	<u>4"</u>
Depth to Water (ft)	<u>4.58</u>	Est. Purge Volume:	<u>32</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:28	10:36	10:44	10:52	11:00		
EC	1560	1570	1540	1520	1530		
pH	6.11	6.09	6.06	6.11	6.09		
Temp	72.4	72.3	72.5	72.6	72.4		
Gal.	6	12	19	25	32		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	<u>8.11</u>	Total Well Depth(ft).	<u>16.76</u>

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

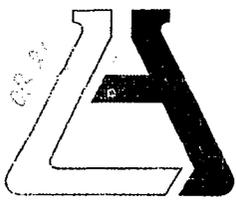
Site:	# 049	Date:	01.24.06
Address:			
Personnel:	SERBAH	Weather:	SUNNY DAY
Well No:	MW-4R	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	19.64	Well Diameter	4"
Depth to Water (ft)	4.48	Est. Purge Volume:	38

Sampling Data:							
Time	Initial Turbidity:			Final Turbidity:			
		11:52	11:56	12:04	12:12	12:20	
EC	1340	1370	1390	1370	1370		
pH	5.83	5.87	6.01	6.11	6.09		
Temp	72.3	72.1	72.4	72.3	72.1		
Gal.	7	15	22	30	38		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	7.24	Total Well Depth(ft.)	19.64

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 163576 ✓

REPORTED 02/05/2006

RECEIVED 01/26/2006

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

SUBMITTER Client

COMMENTS Global ID #T0600101365

* Matrix Interference.

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

<u>Order No.</u>	<u>Client Sample Identification</u>
683247	TOC #049 MW-6
683248	TOC #049 MW-1
683249	TOC #049 MW-7
683250	TOC #049 MW-3
683251	TOC #049 MW-5
683252	TOC #049 MW-2R
683253	TOC #049 RW-1R
683254	TOC #049 MW-4R
683255	TOC #049 Trip 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.

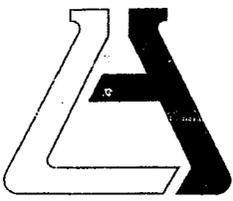
ASSOCIATED LABORATORIES by,

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



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 163576 ✓
REPORTED 02/05/2006
RECEIVED 01/26/2006

PROJECT Station #049
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS Global ID #T0600101365
* Matrix Interference.

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

Order No.
683256

Client Sample Identification
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
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Order #: 683247

Client Sample ID: TOC #049 MW-6

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 12:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB
Surrogates						
Surr1 - Dibromofluoromethane	90				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	116				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	114				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
Surrogates						
a,a,a-Trifluorotoluene	100				%	55 - 200

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



Order #: 683248

Client Sample ID: TOC #049 MW-1

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 12:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB
Surrogates						
					Units	Control Limits
Surr1 - Dibromofluoromethane	86				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	116				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	116				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
Surrogates						
					Units	Control Limits
a,a,a-Trifluorotoluene	101				%	55 - 200

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



Order #: 683249

Client Sample ID: TOC #049 MW-7

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 12:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	86			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	115			%	70 - 130	
Surr3 - Toluene-d8	103			%	70 - 130	
Surr4 - p-Bromofluorobenzene	116			%	70 - 130	
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
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



Order #: 683250

Client Sample ID: TOC #049 MW-3

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 13:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	86			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	119			%	70 - 130	
Surr3 - Toluene-d8	100			%	70 - 130	
Surr4 - p-Bromofluorobenzene	116			%	70 - 130	
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	97			%	55 - 200	

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



Order #: 683251
 Matrix: WATER

Client Sample ID: TOC #049 MW-5
 Date Sampled: 01/24/2006 Time Sampled: 13:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst	
8015M Ethanol / Methanol by GC-FID							
Ethanol	ND	1	50	20	mg/L	01/30/06 QN	
Methanol	ND	1	50	20	mg/L	01/30/06 QN	
8260B BTEX/MTBE Only							
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB	
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB	
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB	
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB	
Methyl-tert-butylether (MTBE)	334	1	1	0.63	ug/L	02/01/06 LB	
Tert-amylmethylether (TAME)	1.2	1	1	0.28	ug/L	02/01/06 LB	
Tertiary butyl alcohol (TBA)	19	1	10	10	ug/L	02/01/06 LB	
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB	
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB	
Surrogates						Units	Control Limits
Surr1 - Dibromofluoromethane	98				%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	115				%	70 - 130	
Surr3 - Toluene-d8	100				%	70 - 130	
Surr4 - p-Bromofluorobenzene	116				%	70 - 130	
8015B - Gasoline							
Gasoline	681	10	500.0	2.9	ug/L	02/02/06 SU	
Surrogates						Units	Control Limits
a,a,a-Trifluorotoluene	80				%	55 - 200	

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



Order #: 683252

Client Sample ID: TOC #049 MW-2R

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 13:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst	
8015M Ethanol / Methanol by GC-FID							
Ethanol	ND	1	50	20	mg/L	01/30/06 QN	
Methanol	ND	1	50	20	mg/L	01/30/06 QN	
8260B BTEX/MTBE Only							
Benzene	34	1	1	0.32	ug/L	02/01/06 LB	
Ethyl benzene	87	1	5	0.24	ug/L	02/01/06 LB	
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB	
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB	
Methyl-tert-butylether (MTBE)	86	1	1	0.63	ug/L	02/01/06 LB	
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB	
Tertiary butyl alcohol (TBA)	42	1	10	10	ug/L	02/01/06 LB	
Toluene	331	10	50.0	0.10	ug/L	02/01/06 LB	
Xylenes, total	510	1	5	0.3	ug/L	02/01/06 LB	
Surrogates						Units	Control Limits
Surr1 - Dibromofluoromethane	87				%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	114				%	70 - 130	
Surr3 - Toluene-d8	104				%	70 - 130	
Surr4 - p-Bromofluorobenzene	117				%	70 - 130	
8015B - Gasoline							
Gasoline	3200	1	50	2.9	ug/L	01/28/06 SU	
Surrogates						Units	Control Limits
a,a,a-Trifluorotoluene	156				%	55 - 200	

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



Order #: 683253

Client Sample ID: TOC #049 RW-1R

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 13:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8015M Ethanol / Methanol by GC-FID

Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN

8260B BTEX/MTBE Only

Benzene	192	10	10.0	0.32	ug/L	02/01/06 LB
Ethyl benzene	342	10	50.0	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	432	10	10.0	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	156	10	100.0	10	ug/L	02/01/06 LB
Toluene	1150	10	50.0	0.10	ug/L	02/01/06 LB
Xylenes, total	2980	10	50.0	0.3	ug/L	02/01/06 LB

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	85			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	118			%	70 - 130
Surr3 - Toluene-d8	97			%	70 - 130
Surr4 - p-Bromofluorobenzene	121			%	70 - 130

8015B - Gasoline

Gasoline	14500	20	1000.0	2.9	ug/L	01/28/06 SU
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	116			%	55 - 200

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



Order #: 683254

Client Sample ID: TOC #049 MW-4R

Matrix: WATER

Date Sampled: 01/24/2006 Time Sampled: 14:25

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst	
8015M Ethanol / Methanol by GC-FID							
Ethanol	ND	1	50	20	mg/L	01/30/06 QN	
Methanol	ND	1	50	20	mg/L	01/30/06 QN	
8260B BTEX/MTBE Only							
Benzene	391	1	1	0.32	ug/L	02/01/06 LB	
Ethyl benzene	871	1	5	0.24	ug/L	02/01/06 LB	
Ethyl-tertbuylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB	
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB	
Methyl-tert-butylether (MTBE)	388	1	1	0.63	ug/L	02/01/06 LB	
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB	
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB	
Toluene	2310	1	5	0.10	ug/L	02/01/06 LB	
Xylenes, total	5430	1	5	0.3	ug/L	02/01/06 LB	
Surrogates						Units	Control Limits
Surr1 - Dibromofluoromethane	87				%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	118				%	70 - 130	
Surr3 - Toluene-d8	103				%	70 - 130	
Surr4 - p-Bromofluorobenzene	117				%	70 - 130	
8015B - Gasoline							
Gasoline	41300	20	1000.0	2.9	ug/L	01/28/06 SU	
Surrogates						Units	Control Limits
a,a,a-Trifluorotoluene	121				%	55 - 200	

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



Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB
Surrogates					Units	Control Limits
Surr1 - Dibromofluoromethane	84				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	110				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	115				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	98				%	55 - 200

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



Order #: 683256

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	01/30/06 QN
Methanol	ND	1	50	20	mg/L	01/30/06 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	02/01/06 LB
Ethyl benzene	ND	1	5	0.24	ug/L	02/01/06 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/01/06 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/01/06 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	02/01/06 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/01/06 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/01/06 LB
Toluene	ND	1	5	0.10	ug/L	02/01/06 LB
Xylenes, total	ND	1	5	0.3	ug/L	02/01/06 LB

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	119	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	115	%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	2.9	ug/L	01/28/06 SU
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Surrogates

		Units	Control Limits
a,a,a-Trifluorotoluene	101	%	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: LCS / LCSD
 Matrix: WATER
 Prep. Date: 01/30/06
 Analysis Date: 01/30/06
 ID#'s in Batch: LR 163576

LAB CONTROL SPIKE / LAB CONTROL SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Blank Result	Spike Added	LCS Spike	LCSD Spike Dup	%Rec LCS	%Rec LCSD	% RPD
Methanol	D285	ND	100	100.0	98.0	100	98	2
Ethanol	D285	ND	100	102.6	98.9	103	99	4

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

<p><i>% REC LIMITS = 70 - 130</i> <i>RPD LIMITS = 25</i></p>

Method Blank - All ND

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

Sample ID: MS/MSD-water sample 160702-928
Date Analyzed: February 1, 2006 11:30pm
Sample Matrix: water
Units: µg/L

Applies to LR: 163550, 163576, 163630, 163702

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	46.53	46.54	93	93	0	22	59 - 172
MTBE	0.00	50.0	45.87	47.91	92	96	4	24	62 - 137
Benzene	0.00	50.0	45.75	44.86	91	90	2	24	62 - 137
Trichloroethene	0.00	50.0	42.84	44.09	86	88	3	21	66 - 142
Toluene	0.00	50.0	47.71	48.66	95	97	2	21	59 - 139
Chlorobenzene	0.00	50.0	46.71	46.79	93	94	0	21	60 - 133

* = Outside QC limits due to high concentration in sample

Sample ID: LCS - water
Date Analyzed: February 1, 2006 3:29pm
Sample Matrix: water
Units: µg/L

Compound	Sample Conc.	Spike Added	Spike Res		Spike % Rec			QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	43.84		88			22	59 - 172
MTBE	0.00	50.0	42.28		85			24	62 - 137
Benzene	0.00	50.0	46.21		92			24	62 - 137
Trichloroethene	0.00	50.0	42.34		85			21	66 - 142
Toluene	0.00	50.0	47.33		95			21	59 - 139
Chlorobenzene	0.00	50.0	45.93		92			21	60 - 133

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

Surrogate Recovery GCMS # 3

Compound	MB1	MB2		MS	MSD	LCS			Limits % Rec
Dibromofluoromethane	79	89		96	99	91			70-135
1,2-Dichloroethane-d4	113	119		100	104	97			70-135
Toluene-d8	104	105		105	107	102			70-135
p-Bromofluorobenzene	119	112		120	123	115			70-135

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

Sample ID: MS/MSD-water sample 163550-054
Date Analyzed: January 31, 2006 8:41pm
Sample Matrix: water
Units: µg/L

Applies to LR: 163546, 163550, 163576

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	46.96	46.69	94	93	1	22	59 - 172
MTBE	0.00	50.0	47.32	47.53	95	95	0	24	62 - 137
Benzene	0.00	50.0	46.23	46.05	92	92	0	24	62 - 137
Trichloroethene	0.00	50.0	43.00	43.54	86	87	1	21	66 - 142
Toluene	0.00	50.0	46.15	47.28	92	95	2	21	59 - 139
Chlorobenzene	0.00	50.0	45.77	46.29	92	93	1	21	60 - 133

* = Outside QC limits due to high concentration in sample

Sample ID: LCS - water
Date Analyzed: January 31, 2006 2:12pm
Sample Matrix: water
Units: µg/L

Compound	Sample Conc.	Spike Added	Spike Res		Spike % Rec			QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	44.90		90			22	59 - 172
MTBE	0.00	50.0	45.95		92			24	62 - 137
Benzene	0.00	50.0	47.50		95			24	62 - 137
Trichloroethene	0.00	50.0	42.97		86			21	66 - 142
Toluene	0.00	50.0	46.87		94			21	59 - 139
Chlorobenzene	0.00	50.0	45.22		90			21	60 - 133

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

Surrogate Recovery GCMS # 3

Compound	MB1	MB2		MS	MSD	LCS			Limits % Rec
Dibromofluoromethane	77	93		98	97	96			70-135
1,2-Dichloroethane-d4	106	119		98	99	97			70-135
Toluene-d8	104	101		102	104	101			70-135
p-Bromofluorobenzene	118	115		115	121	122			70-135

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: January 27, 2006
 Analysis Date: 01/27/06-01/28/06
 ID#'s in Batch: LR 163550, 163576, 163501

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	544	527	109	105	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	101
LCS	170
LCSD	167

AAA-TFT = a,a,a-Trifluorotoluene



Chain of Custody Record

163516 ✓

Company THRIFTY OIL CO.							Phone (562) 921-3581			A.L. Job No.					
Project Manager JEFF SUDYAKUSUMA							Fax (562) 921-7510			Analysis Requested					
Project Name Q.W.S.							Project # 049 ✓			Test Instructions & Comments					
Site Name and Address 3400 SAN PABLO AVE OAKLAND, CA 94612										10#T0600.101365 ANALYSIS REQUIRED FOR COMPOUNDS USED IN CA. GASOLINE BY EPA METHOD 8260 B 1. ETHANOL 2. METHANOL 3. ETBE 4. D?PE 5. MTBE 6. TAME 7. TBA					
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH ₉ (8015M)	BTEX (260B)	OXYGENATES						
1	MW-6	01.24.06	12:30	H ₂ O	3-VOA	HCL	X	X	X						
2	MW-1		12:40				X	X	X						
3	MW-7		12:50				X	X	X						
4	MW-3		13:00				X	X	X						
5	MW-5		13:15				X	X	X						
6	MW-2R		13:20				X	X	X						
7	RW-1R		13:50				X	X	X						
8	MW-4R		14:25				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: F.M.C. 1.	Relinquished by G.S.O. 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 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: SERBATA G.	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: 01.24.06 Time: 16:30	Date: Time:	Date: Time:
Turn Around Time				Received By: G.S.O. 1.	Received By: 2.	Received By: 3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	Signature: <i>[Signature]</i>	Signature:
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	Printed Name: DONOR	Printed Name:
				Date: Time:	Date: 1/26/06 Time: 10:50	Date: Time:

2-12-606 355

APPENDIX C

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 03.28.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL, ADJUST PRESSURE/REGULATOR FOR MW-4R AND RW-1R CHANGE CARTRIDGE FILTER, CLEAN INSIDE COMPounds,

FLOW METER READING: 821 4

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER:

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.0

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 03-21-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT, OIL PRESSURE/REGULATOR FOR ALL PUMPS, CLEAN INSIDE AND OUTSIDE COMPOUND, CHECK HOSES AND DRUMS FOR LEAK.

FLOW METER READING: 679 3

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 03-14-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL,

ADJUST PRESSURE/REGULATOR FOR MW-2R, CLEAN FILTER

BAG, CLEAN INSIDE AND OUTSIDE COMPOUND,

SOMEBODY PLAY WITH PADDLOCK, I REPLACED WITH

PATLOCK FROM MY BIKE

FLOW METER READING: 4.67 2

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.0

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 03-07-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK

OIL, CHECK BELT, ADJUST PRESSURE FOR

BAG FILTER (10 PSI); CHECK INSIDE COMPOUND, CHECK

PRESSURE/REGULATOR,

FLOW METER READING: 3.25 L

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: _____

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN D

DATE OF INSPECTION: 02.28.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, ADJUST PRESSURE REGULATOR FOR ALL WELLS PUMPS, CHECK OIL, BELT; CHECK HOSES AND PIPES FOR LEAK,

FLOW METER READING: 97.8

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 02.24.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK PRESSURE
REGULATOR FOR ALL 3 WELLS (THEY HAVE PUMPS
INSIDE WELL) REPLACE FLOWMETER (DIGITAL)
WITH ANALOG, CLEAN INSIDE COMPOUND, CHECK OIL,
BELT, OLD METER READ = 1268

FLOW METER READING: BEGIN FROM 10

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 02.21.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, ADJUST PRESSURE REGULATOR FOR ALL WELLS PUMPS, CHECK OIL, BELT; CHECK HOSES AND PIPES FOR LEAK,

FLOW METER READING: 978.0

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: 2.0

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

INSPECTOR'S SIGNATURE: [Signature]

49

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 02.07.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL, CHECK BELT, CLEAN INSIDE COMPOUND, CHECK FILTER INSIDE PRESSURE/REGULATOR, CLEAN FILTER RIG

FLOW METER READING: 308.2

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER:

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 02.01.06

OBSERVATIONS AND COMMENTS: SPLIT WATER SAMPLE WITH FERMUD

INSPECTOR (OUTLET PSP1)

FLOWMETER BEGINS FROM 0 BECAUSE

BATTERY DEAD.

FLOW METER READING: 6903.0 ESTIMATE

SAMPLES OBTAINED: yes

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 01.31.01

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK OIL,

CHECK BELT, CHECK HOSES AND CARTRIDGE DRUMS

FOR LEAK, ADJUST PRESSURE/REGULATOR,

FLOW METER READING: 6842.3

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: 2049
 ADDR: 3400 SAN PABLO AVE
OAKLAND, 94612
 DATE: 01.27.06
 PERSON: SERBAN

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				6731.2	
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 CARBON CHANGE AND
R.W.S →

ALWAYS OBSERVE SAFETY PROCEDURES!

SITE: #049
 ADDR: 3400 SAN PABLO AVE
 OAKLAND, CA. 94612
 DATE: 01.20.06
 PERSON: SERBATA

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		✓		6728.3	FOR R.W.S CARBON CHANG
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 R.W.S. AND REPLACE CARBON.

ALWAYS OBSERVE SAFETY PROCEDURES!



049

A) SS #: 049 SYSTEM TYPE:
B) DEFICIENCY DESCRIPTION :
CARBON CHANGE
C) NAME OF REPORTING PARTY AND DATE: SERBIA P
D) DATE SCHEDULED : CARBON CHANGE 01.25.06

1) NAME:	DATE/TIME
2) FINDINGS:	
3) HAS THE JOB BEEN COMPLETED? YES/NO IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED TO FINISH:	
4) POST REPAIR TEST RESULTS:	
5) THE CAUSE OF THE DEFICIENCY:	
BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE TO THE TECHNICIAN:	
6) OTHER: REFILL CARBON DRUMS WITH CLEAR WATER AND ALLOW TO SOAK FOR LEAST 24 HRS	

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 01.18.06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT,
ADD OIL, CHECK PIPES FOR LEAK, ADJUST PRESSURE
REGULATOR, CHECK INSIDE COMPOUND, DRAIN WATER
FROM COMPOUND FLOOR IN HOLDING TANK,

FLOW METER READING: 6414.4

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

549

THRIFTY OIL CO. SERVICE STATION #049
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBANT P -

DATE OF INSPECTION: 01-10-06

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT, OIL, TAKE WATER SAMPLE FROM SYSTEM

FLOW METER READING: 5614.3

SAMPLES OBTAINED: yes

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.3

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

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

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION 1049
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 01-04-06

OBSERVATIONS AND COMMENTS: CHANGE OIL, CHECK BELT, DRAIN COMPRESSOR TANK, CHECK PIPES, HOSES FOR LEAK, CLEAN INSIDE COMPOUND, CHECK TRANSFER PUMP, CHECK PRESSURE REGULATOR FOR ALL 3 PUMPS, DRAIN WATER FROM COMPOUND IN HOLDING TANK,

FLOW METER READING: 4413.3

SAMPLES OBTAINED: N/A

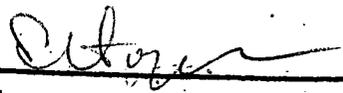
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.0

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

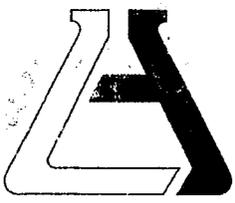
PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.2

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

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

INSPECTOR'S SIGNATURE: 

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 163898 ✓

REPORTED 02/07/2006

RECEIVED 02/02/2006

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.

684990

684991

✓
Client Sample Identification

TOC #049 OutletPS1

Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behar, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 684990

Client Sample ID: TOC #049 OutletPS1

Matrix: WATER

Date Sampled: 02/01/2006 Time Sampled: 08:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.17	ug/L	02/04/06 SU
Ethyl benzene	ND	1	0.3	0.14	ug/L	02/04/06 SU
Toluene	ND	1	0.3	0.22	ug/L	02/04/06 SU
Xylene (total)	ND	1	0.6	0.38	ug/L	02/04/06 SU
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	111				%	70 - 130

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



Order #: 684991

Client Sample ID: Laboratory Method Blank

Matrix: WATER

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

8021B BTEX + MTBE

Benzene	ND	1	0.3	0.17 ug/L	02/04/06	SU
Ethyl benzene	ND	1	0.3	0.14 ug/L	02/04/06	SU
Toluene	ND	1	0.3	0.22 ug/L	02/04/06	SU
Xylene (total)	ND	1	0.6	0.38 ug/L	02/04/06	SU

Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	108			%	70 - 130

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: LCS/LCSD
 Matrix: WATER
 Prep. Date: February 3, 2006
 Analysis Date: 02/03/06-02/04/06
 ID#'s in Batch: LR 163887, 163855, 163886, 163898, 163897

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	589	596	118	119	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	111
LCS	194
LCSD	192

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: February 3, 2006
 Analysis Date: 02/03/06/-02/04/06
 LAB ID#'s in Batch: LR163898, 163897

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

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	18.8	19.4	94	97	3
Toluene	8021	ND	20	18.9	19.6	95	98	4
Ethylbenzene	8021	ND	20	19.6	20.1	98	101	3
Xylenes	8021	ND	60	60.8	62.4	101	104	3

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

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

%REC LIMITS = 70 - 130

RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	108
LCS	118
LCSD	115

AAA-TFT = a,a,a-Trifluorotoluene



Chain of Custody Record

163898

Page 1 of 1

Company THRIFTY OIL CO.	Phone 562-921-3581	A.L. Job No. 163898	
Project Manager JEFF SURYAKUSUMA	Fax 562-921-7510	Analysis Requested	
Project Name SPLIT WATER SAMPLING	Project # 049	Test Instructions & Comments	
Site Name and Address 3400 SAN PABLO AVE OAKLAND, CA 94			

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested				Test Instructions & Comments	
1		02.01.06	8:30	H ₂ O	3-VBA	HCL	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 G.S.O.²	Relinquished by 3.
Total Number of Containers	Property Cooled Y / N / NA	Signature: <i>[Signature]</i>		Signature:	Signature:	
Custody Seals Y / N / NA	Samples Intact Y / N / NA	Printed Name: SURAYA P		Printed Name:	Printed Name:	
Received in Good Condition Y / N	Samples Accepted Y / N	Date: 02.01.06	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: <i>[Signature]</i>	Signature:	Signature:
				Printed Name:	Printed Name:	Printed Name:
				Date: 2/1/06	Time: 1041	Date: Time:

2.2.06 1:25