

THRIFTY OIL CO.

12004

October 3, 2005

O.60722

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

Local #4057

RWQCB #01-1478

Global ID #T0600101365

Confirmation #1809435427

Alameda County
OCT 07 2005
Environmental Health

RE: **Former Thrifty Oil Co. Station #049**
3400 San Pablo Avenue
Oakland, CA 94612
3rd Quarter 2005, Status Report

Dear Mr. Gholami:

Presented herein is the 3rd Quarter 2005, Status Report prepared for former Thrifty Oil Co. (Thrifty) Station #049 located at 3400 San Pablo Avenue, Oakland, California (**Figure 1**). This report presents the results of the site monitoring and remedial activities conducted during the third quarter of 2005. Thrifty has retained the services of Earth Management Company (EMC) to conduct quarterly monitoring and sampling, and remediation system monitoring activities at this site.

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well on a quarterly basis. In general, groundwater occurs beneath the station at depths ranging from 4.07 feet below top of casing (btc) in monitoring/extraction well MW-6 to 6.82 feet btc in monitoring well MW-3 (**Appendix A**). A groundwater elevation contour map based on the July 20, 2005, monitoring data is presented in **Figure 2**. Groundwater elevation data indicates that groundwater flow to the southwest under at an approximate gradient of 0.043 feet/foot.

Quarterly Groundwater Sampling

As part of the ongoing groundwater-monitoring program, EMC obtained groundwater samples from monitoring wells MW-1, MW-2R, MW-3, MW-4R, MW-5, MW-6, MW-7, and RW-1R on July 20, 2005. 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**. 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 July 20, 2005, sampling event and are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentrations of TPHg and MTBE were detected in well MW-4R (11,300 ug/L and 1,280 ug/L, respectively). The highest benzene concentration was detected in well MW-2R (392

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. The groundwater flow direction and TPHg, benzene, and MTBE contour maps suggest that an upgradient 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 2**. On April 4, 2003, the system was shut off for system upgrade 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 produced 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. According to EMC, as of September 13, 2005, the upgraded system produced and treated 103,070 gallons of water for a cumulative system total of 1,545,244 gallons (**Table 2**). A quarterly effluent water sample from the PSP-1 sampling port was collected on July 7, 2005, 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 sampling and for carbon change out on July 19, 2005 and restarted on August 3, 2005. On August 19, 2005, East Bay Municipal Utilities District collected an effluent sample and submitted it for analyses for volatile organic compounds by EPA Method 624. The results indicated that Thrifty was in compliance with the requirements of the Wastewater Discharge Permit. Copies of the Field Reports prepared by EMC are provided in **Appendix C** and the system effluent analytical results collected by EMC 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 Agency (ACHCA) 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 ACHCA 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 ACHCA in e-mail dated April 27, 2004, Thrifty submitted a workplan to install one onsite and two offsite wells downgradient of the site. The ACHCA 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 ACHCA approved the May 7, 2004, workplan with the request that additional borings be considered if soil and groundwater samples indicate significant hydrocarbon contamination. The ACHCA 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

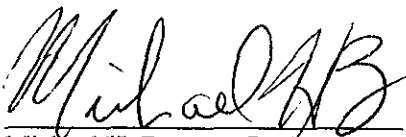
The encroachment permit is still being reviewed by the COPWD following comments by Thrifty. Thrifty expects to complete field activities and submit a site assessment report within 75 days following approval of the encroachment permit.

The groundwater monitoring wells will be monitored and sampled during the next quarter. All site monitoring/sampling data generated during the next quarter will be reported in the Fourth Quarter 2005 monitoring report.

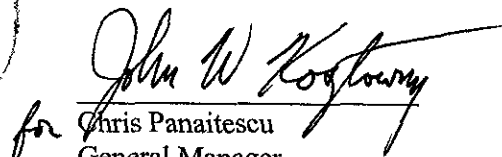
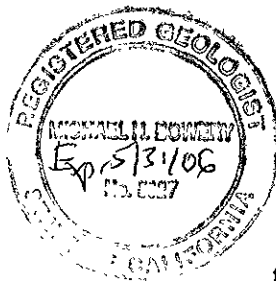
Closing Comments

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, R. G.
Project Manager



for Chris Panaitescu
General Manager
Environmental Affairs

cc: BP West Coast Products LLC; Mr. Jack Oman
File

TABLES

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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 Screen Interval = 5 to 25 feet												
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
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	17.74	NP	0.00	98.03	92.88
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.13	17.74	NP	0.00	98.03	92.90
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	3.92	17.72	NP	0.00	98.03	94.11
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.54	17.74	NP	0.00	98.03	93.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	7.01	17.74	NP	0.00	98.03	91.02
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.46	17.73	NP	0.00	98.03	92.57

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)						
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.48	17.73	NP	0.00	98.03	92.55
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.99	17.73	NP	0.00	98.03	91.04
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.65	6.42	17.72	NP	0.00	98.03	91.61
MONITORING WELL #MW-2 Screen Interval = 5 to 25 feet												
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
10/14/98	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	* 7,960 / 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	23.76	NP	0.00	97.44	92.34

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)							
10/20/03	13,000	4.79	<0.02	<0.02	<0.06	*6,330 / 5,980	5.10	23.76	NP	0.00	97.44	92.34	
01/14/04	WELL ABANDONED 01/2004												
MONITORING WELL #MW-2R													
04/03/04	11,600	304	16 J	55	427	4,170	4.58	16.74	NP	0.00	-	-	
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.72	16.74	NP	0.00	-	-	
10/20/04	20,900	3,180	2,970	259	1,240	92	3.72	16.74	NP	0.00	-	-	
01/19/05	18,900	537	250	866	2,290	3,340	4.50	16.74	NP	0.00	-	-	
04/20/05	13,100	<2.2	<3.2	<3.1	<4.0	563	5.27	16.74	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	16.76	NP	0.00	-	-	
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	

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)						
01/30/02	<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
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	24.16	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	24.16	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	24.16	NP	0.00	97.69	95.46
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.48	24.13	NP	0.00	97.69	92.21
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.66	24.13	NP	0.00	97.69	91.03
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.20	24.13	NP	0.00	97.69	93.49
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.74	24.13	NP	0.00	97.69	91.95
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	7.23	24.11	NP	0.00	97.69	90.46
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.82	24.13	NP	0.00	97.69	90.87
MONITORING WELL #MW-1 Screen Interval = 4 to 14 feet												
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	830	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
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	5.29		NP	0.00	97.33	92.04

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)							
10/18/00	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	13.60	NP	0.00	97.33	92.78	
10/20/03	6,940	672	384	3.4	444	*3,780 / 3,220	4.56	13.60	NP	0.00	97.33	92.77	
01/14/04	WELL ABANDONED 01/2004												
MONITORING WELL #MW-4R													
04/08/04	37,900	819	424	159	3,190	18,400	4.96	19.62	NP	0.00	-	-	
07/21/04	14,500	<2.2	<3.2	<3.1	39.1	18,900	6.60	19.62	NP	0.00	-	-	
10/20/04	66,000	6,390	6,560	672	3,290	13,300	3.38	19.62	NP	0.00	-	-	
01/19/05	17,600	513	240	855	2,230	3,310	4.32	19.62	NP	0.00	-	-	
04/20/05	19,200	190	109	452	974	1,870	4.72	19.64	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	19.62	NP	0.00	-	-	
MONITORING WELL #MW-5 Screen Interval = 4 to 14 feet													
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	

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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	<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
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	13.76	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	13.76	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	13.76	NP	0.00	98.85	95.82
04/08/04	797	<0.22	<0.32	<0.31	<0.4	635	4.35	13.76	NP	0.00	98.85	94.50
07/21/04	548	<0.22	<0.32	<0.31	<0.4	788	5.56	13.76	NP	0.00	98.85	93.29
10/20/04	901	<0.22	<0.32	<0.31	<0.4	734	4.15	13.77	NP	0.00	98.85	94.70
01/19/05	350	<0.22	<0.32	<0.31	<0.4	860	4.57	13.77	NP	0.00	98.85	94.28
04/20/05	718	<0.22	<0.32	<0.31	<0.4	848	6.10	13.77	NP	0.00	98.85	92.75
07/20/05	255	<0.32	<0.10	<0.24	<0.30	274	5.76	13.77	NP	0.00	98.85	93.09
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)						
01/22/97	<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
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	13.04	NP	0.00	99.67	94.36
10/20/03	1,320	<0.04	<0.02	<0.02	<0.06	*656 / 662	5.30	13.04	NP	0.00	99.67	94.37
01/14/04	272	<0.04	<0.02	<0.02	<0.06	*304 / 180	3.82	13.02	NP	0.00	99.67	95.85
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.18	13.06	NP	0.00	99.67	94.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.42	13.06	NP	0.00	99.67	93.25
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.62	13.06	NP	0.00	99.67	94.05
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.40	13.06	NP	0.00	99.67	94.27
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.41	13.06	NP	0.00	99.67	94.26
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	4.07	13.06	NP	0.00	99.67	95.60
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
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)						
10/09/95	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	
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.03	13.56	NP	0.00	99.02	93.99
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.01	13.56	NP	0.00	99.02	94.01
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	4.38	13.56	NP	0.00	99.02	94.64
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.86	13.56	NP	0.00	99.02	94.16
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	6.82	13.56	NP	0.00	99.02	92.20
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.71	13.56	NP	0.00	99.02	93.31
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.77	13.56	NP	0.00	99.02	94.25
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.54	13.56	NP	0.00	99.02	93.48
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	6.80	13.54	NP	0.00	99.02	92.22
MONITORING WELL #RW-1												
01/09/92	-	-	-	-	-	-	14.00	-	NP	0.00	-	-
04/13/92	-	-	-	-	-	-	14.00	-	NP	0.00	-	-

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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	-	-	-	-	-	-	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	<3	*6,800 / 9,000	13.83	-	NP	0.00	-	-	
10/13/99	-	-	-	-	-	-	-	-	-	-	-	-	
01/20/00	-	-	-	-	-	-	13.22	-	NP	0.00	-	-	
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 #RY-1R													
04/08/04	6,740	42	32 J	<3.1	1,160	239	4.76	19.08	NP	0.00	-	-	
07/21/04	118	<0.22	<0.32	<0.31	<0.4	107	6.85	19.08	NP	0.00	-	-	
10/20/04	29,900	3,850	4,010	381	1,920	103	4.28	19.07	NP	0.00	-	-	
01/19/05	13,400	272	243	24 J	2,230	2,110	4.54	19.07	NP	0.00	-	-	
04/20/05	1,220	<0.22	<0.32	<0.31	<0.4	1,580	4.95	19.10	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	19.07	NP	0.00	-	-	

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO BOTTOM (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)						

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

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

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Curr. Discharge (gallons)	Flow (gallons)	Total H-C Removed (lbs)	EFFLUENT (ug/L)						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	<0.3	<0.9	-	-	910	2000	160	2000	-	
4/15/1991	1,434	124	18	0.05	-	<0.3	<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	<0.3	<0.9	-	-	3600	4500	300	5000	-	
5/6/1991	1,740	430	11	0.17	-	<0.3	<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	<0.3	<0.9	-	-	3300	3200	230	3900	-	
5/20/1991	2,010	700	19	0.27	-	<0.3	<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	<0.3	<0.9	-	-	2900	3000	230	4200	-	
6/3/1991	2,110	800	10	0.31	-	<0.3	<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	<0.3	<0.9	-	-	1800	1700	120	2100	-	
6/17/1991	2,219	909	8	0.36	-	<0.3	<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	<0.3	<0.9	-	-	2100	1800	150	2700	-	
07/01/91	2,313	1,003	7	0.39	-	<0.5	<0.5	<1	<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	<1	-	-	4,000	2,500	130	4,400	-	
07/15/91	2,872	1,562	25	0.61	-	<0.5	<0.5	<1	<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	<1	-	-	3,400	2,100	110	2,800	-	
07/29/91	3,220	1,910	11	0.75	-	<0.5	<0.5	<1	<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	<1	-	-	5,100	3,900	400	4,200	-	
08/12/91	3,472	2,162	18	0.85	-	<0.5	<0.5	<1	<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	<1	-	-	4,500	2,400	130	2,600	-	
08/26/91	3,655	2,345	15	0.92	-	<0.5	<0.5	<1	<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	<1	-	-	5,200	3,000	390	3,700	-	
09/16/91	3,884	2,574	9	1.01	-	<0.5	<0.5	<1	<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	<1	-	-	4,600	1,600	710	6,400	-	
09/30/91	4,092	2,782	11	1.09	-	<0.5	<0.5	<1	<1	<1	-	-	5,700	2,000	380	6,200	-	
10/07/91	4,131	2,821	8	1.10	System shut down						-	-	-	-	-	-	-	-
10/14/91	4,195	2,885	9	1.13	-	<0.5	<0.5	<1	<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	<1	-	-	2,300	1,100	190	4,200	-	
10/28/91	4,474	3,164	10	1.24	-	<0.5	<0.5	<1	<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	<1	-	-	6,100	2,800	200	5,600	-	
11/11/91	4,700	3,390	11	1.33	-	<0.5	<0.5	<1	<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	<1	-	-	5,600	2,500	300	4,600	-	
11/25/91	5,042	3,732	22	1.46	-	<0.5	<0.5	<1	<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	<1	-	-	7,200	3,300	490	5,500	-	
12/09/91	5,362	4,052	17	1.59	-	<0.5	<0.5	<1	<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	<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	<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	<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	<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	<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	<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	<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	<0.5	-	22,000	4,300	1,500	130	3,800	-	

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gall/day)	Total H.C. Removed (BS)	EFFLUENT (ug/L)						INFLUENT (ug/L)						
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE	
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	-	
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	-	38,000	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	206,080	116,684	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	208,584	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	-	

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Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	Total H.C. Removed (lbs)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
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	-
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	-	850	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	298,510	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	-	-	-	-	-	-	-	-	-	-	-	-

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Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	Total H-C Removed (lbs)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
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											
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	318,869	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	3,555	341.86	<50	<0.18	<0.14	<0.18	<0.26	<0.24	182,000	<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	160	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											

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total Cum. Discharge (gallons)	Flow (gal/day)	Total HCl Removed (lbs)	EFFLUENT (ug/L)						INFLUENT (ug/L)						
					TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE	
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	
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	2,080	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	
10/16/04	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	653	698.52	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gpd/day)	Total H.C. Removed (RS)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
					TPH:g	B	T	E	X	MTBE	TPH:g	B	T	E	X	MTBE
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	584	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	-	-	-	-	-	-	-	-	-	-	-	-
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	583	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	1,533,426	51	705.23	-	-	-	-	-	-	-	-	-	-	-	-
06/16/05	0.0	1,533,426	-	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	System was turned off for QWS						-	-	-	-	-	-
07/26/05	10,570.5	1,543,999	204	706.06	-	-	-	-	-	-	-	-	-	-	-	-
08/03/05	10,572.1	1,544,000	0	706.06	Restarted						-	-	-	-	-	-
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	-	-	-	-	-	-	-

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 049, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gals/day)	Total H.C. Removed (lbs)	EFFLUENT (ug/L)						INFLUENT (ug/L)						
					TPHs	B	T	E	X	MTBE	TPHs	B	T	E	X	MTBE	
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	-	-	-	-	-	-	-	-	-	-	-	-	-

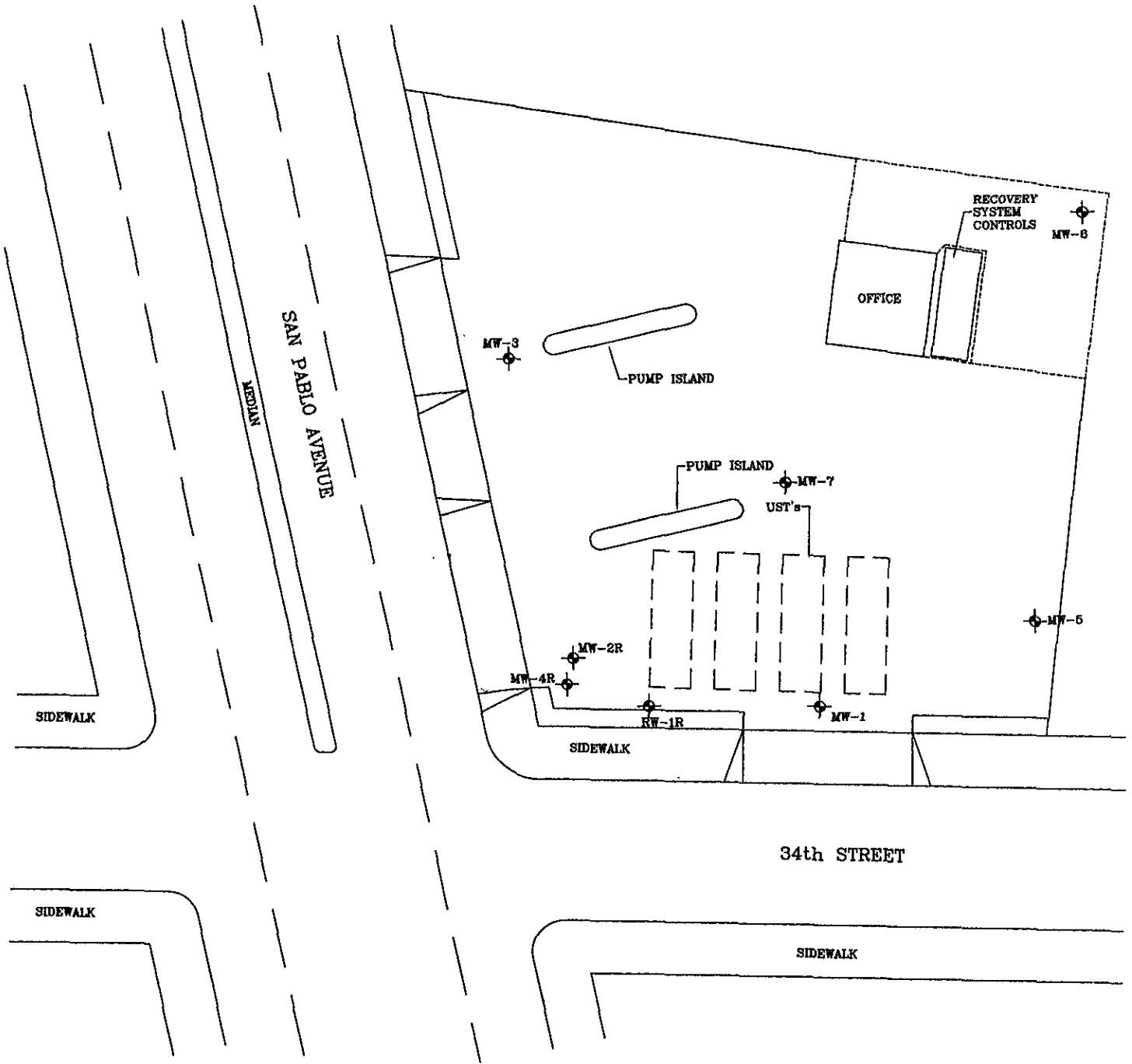
WD PERMIT LIMITS:	NE	5.0	5.0	5.0	5.0	NE
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Note: < = less than laboratory detection level indicated
 - = no sample / not analyzed
 NE = Permit Limit not established




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

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

FIGURES



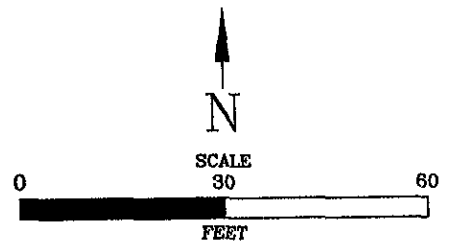
LEGEND

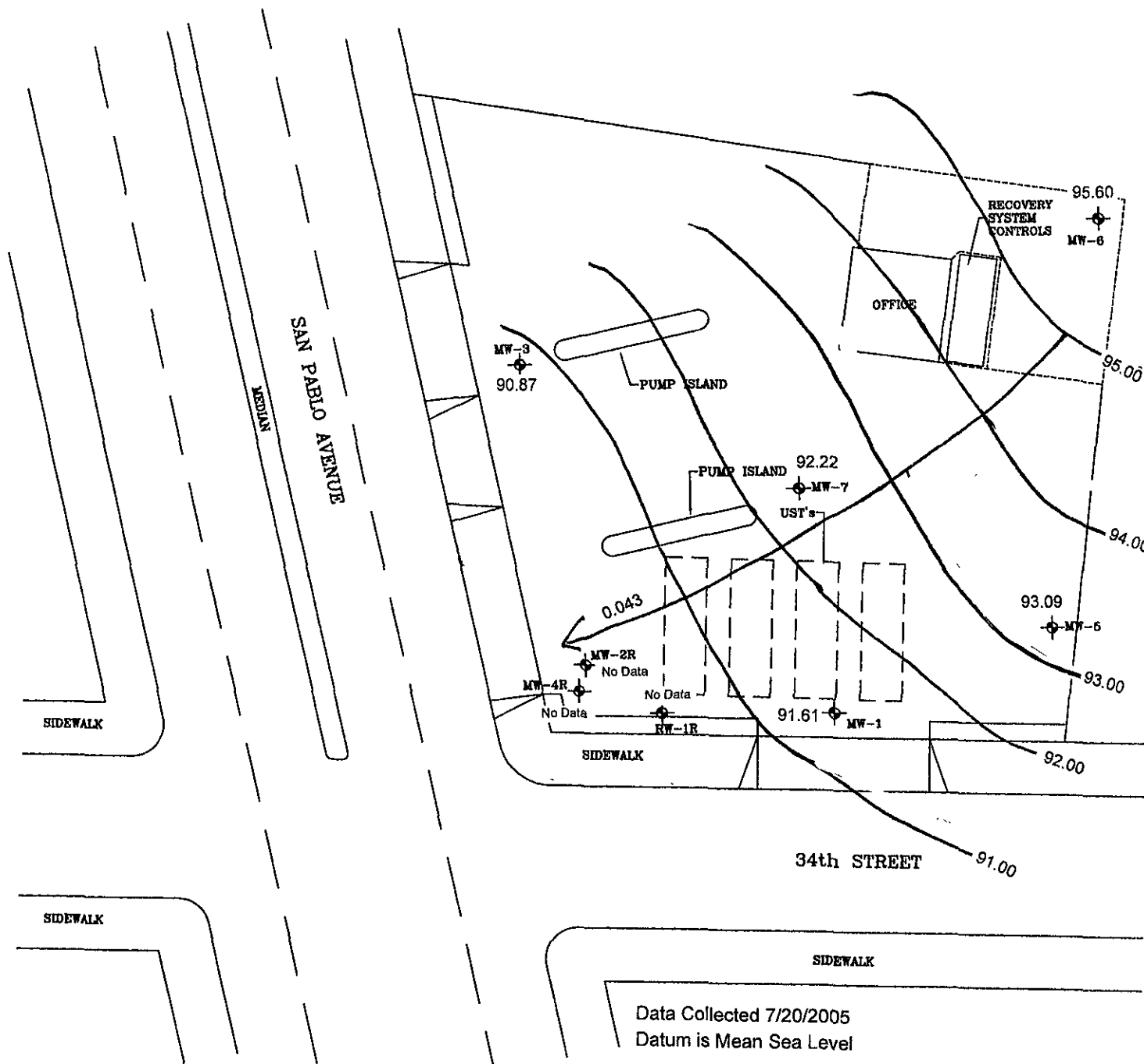
- MW-4R  RECOVERY WELL LOCATION
- MW-1  MONITORING WELL LOCATION
- SB-1  SOIL BORING LOCATION

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

FIGURE:




1





Data Collected 7/20/2005
Datum is Mean Sea Level

LEGEND

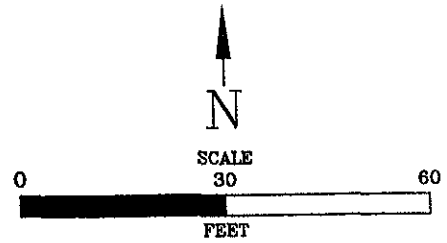
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- MW-1  MONITORING WELL LOCATION
- SB-1  SOIL BORING LOCATION

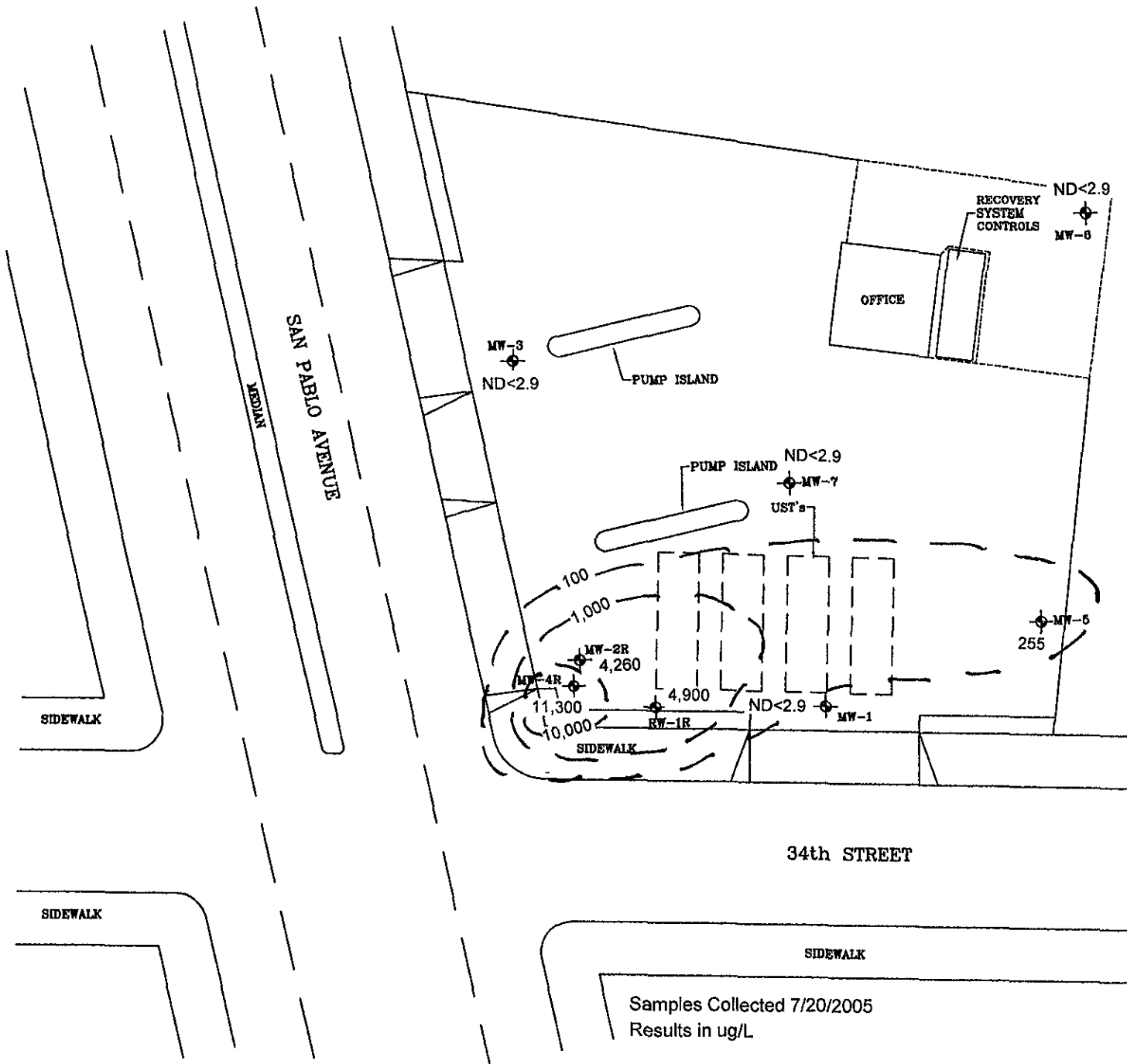
GROUNDWATER CONTOURS

THRIFTY OIL #049
3400 SAN PABLO AVE
OAKLAND, CALIFORNIA

FIGURE:

2





Samples Collected 7/20/2005
Results in ug/L

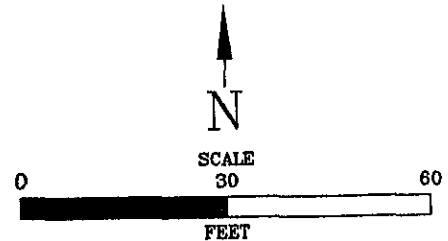
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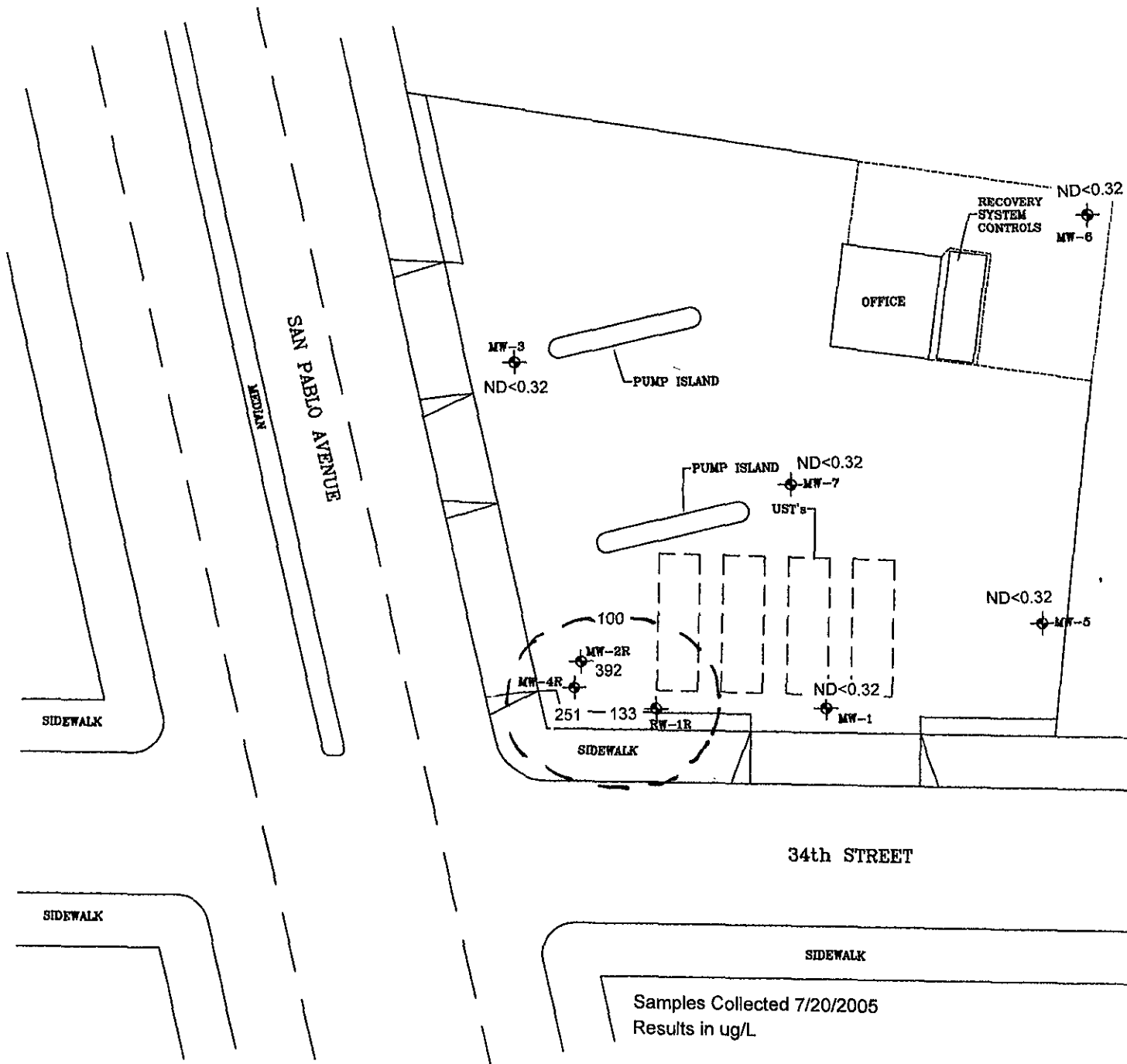
- MW-4R RECOVERY WELL LOCATION
- MW-1 MONITORING WELL LOCATION
- SB-1 SOIL BORING LOCATION

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




FIGURE:

3



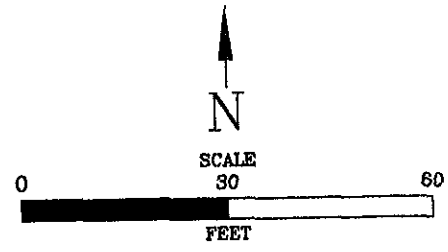


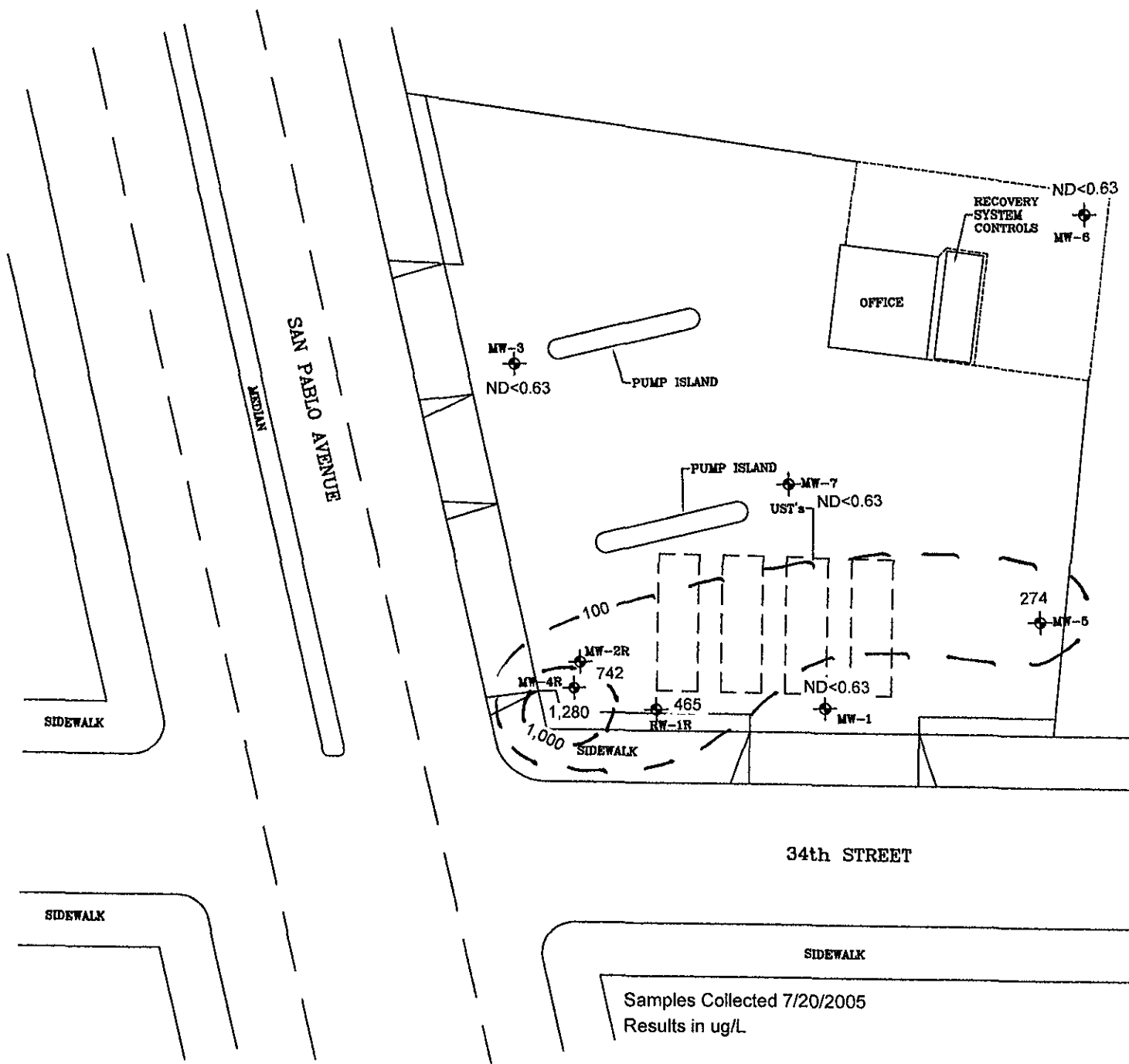
LEGEND

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

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




FIGURE:
 4





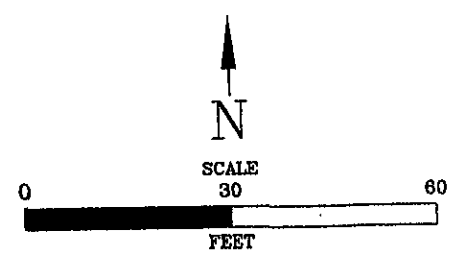
Samples Collected 7/20/2005
Results in ug/L

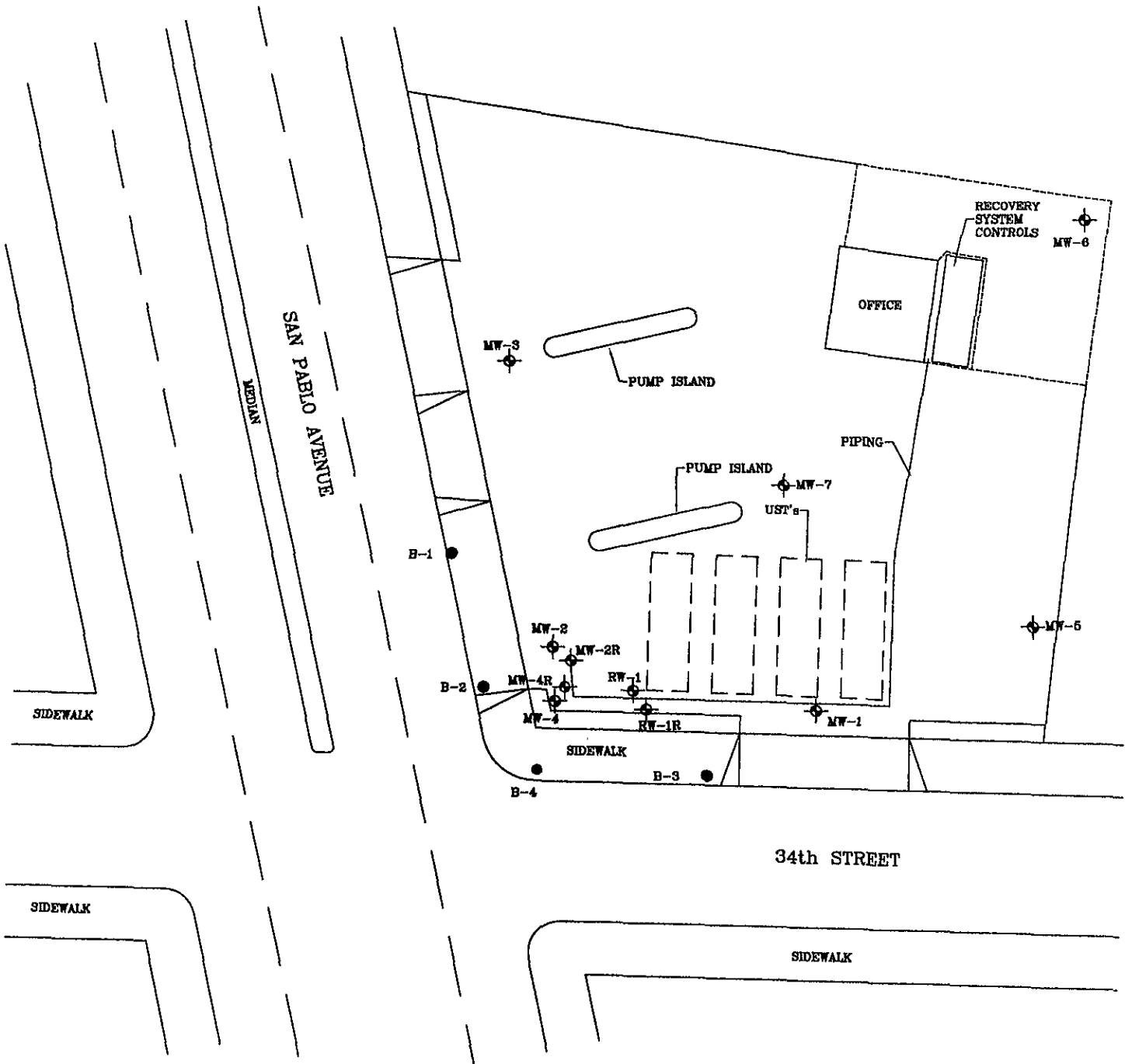
LEGEND

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

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

FIGURE:
 5





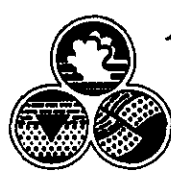
LEGEND

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



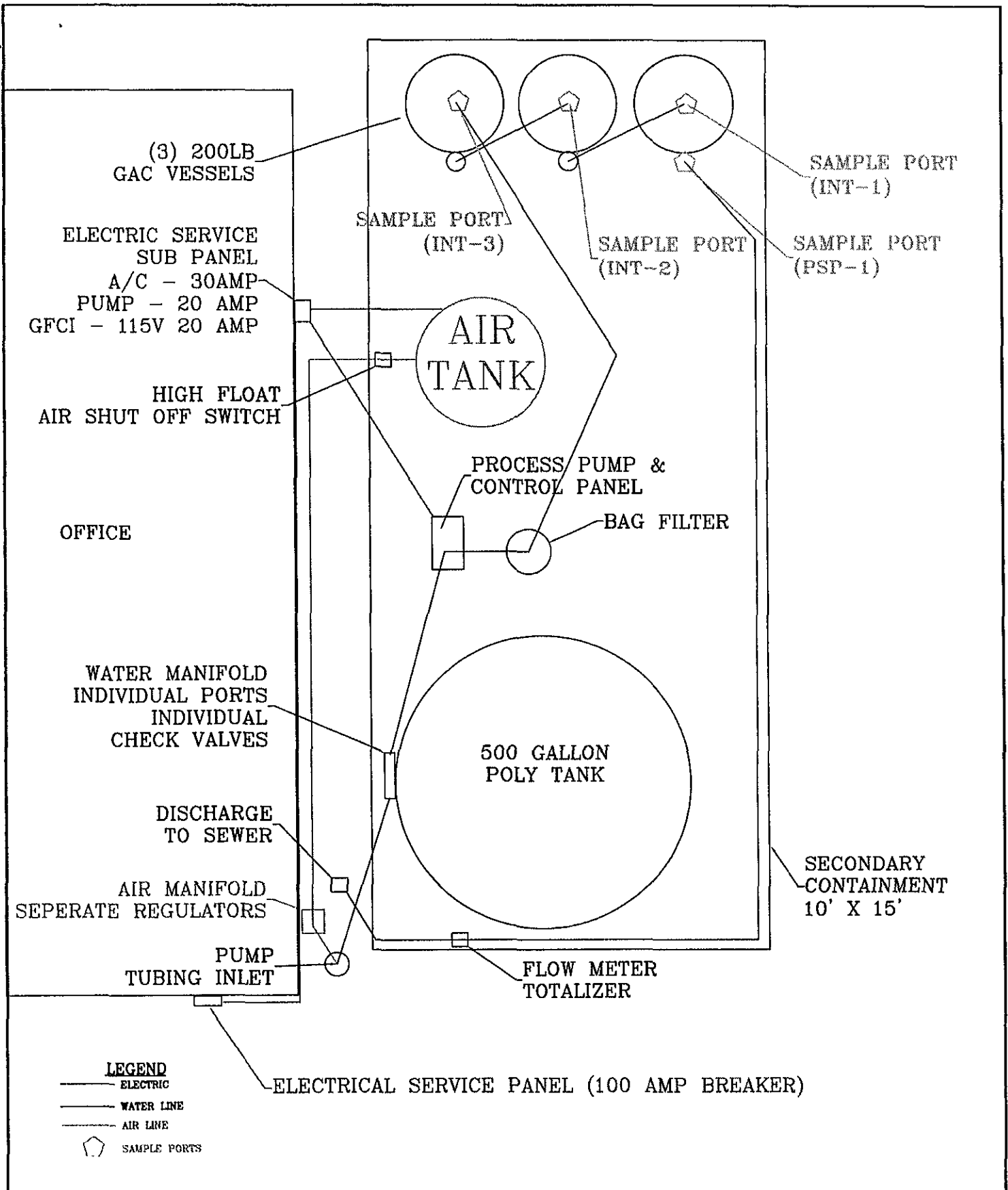
REMEDIATION SYSTEM LAYOUT

Thrifty Oil #49
 3400 San Pablo Avenue
 Oakland, California



Advanced
GeoEnvironmental, Inc.

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



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



Advanced
 GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1049

FILE: Thrifty49-6

FIGURE:

DATE: 26 MAY 2004

DRAWN BY: MAC

7

APPENDIX A

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	H 04A	Date:	07-20-05
Address:			
Personnel:	SERBATH	Weather:	SUNNY DAY
Well No:	MW-6	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	13.06	Well Diameter	2"
Depth to Water (ft)	4.07	Est. Purge Volume:	6

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	8:48	8:51	8:54	8:57	9:00		
EC	1230	1240	1250	1270	1260		
pH	5.43	5.17	6.04	6.06	6.06		
Temp	72.4	72.3	72.3	72.1	72.1		
Gal.	1	2	3	4	6		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	5.21	Total Well Depth(ft.)	13.06

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 043	Date:	07-20-05
Address:		Weather:	SUNNY DAY
Personnel:	SERBANI	Equip:	BAILER
Well No:	MW-1		

Before Purging:			
Total Well Depth: (ft.)	17.72	Well Diameter	2"
Depth to Water (ft)	6.42	Est. Purge Volume:	7

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:08	9:11	9:14	9:17	9:20		
EC	1310	1290	1270	1270	1270		
pH	6.06	6.11	6.09	6.03	6.06		
Temp	72.3	72.4	72.2	72.1	72.2		
Gal.	1	2	4	5	7		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	8.04	Total Well Depth(ft).	17.72

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-20-05
Address:			
Personnel:	SERBAM	Weather:	SUNNY DAY
Well No:	MW-5	Equip:	BATLER

Before Purging:			
Total Well Depth: (ft.)	13.77	Well Diameter	2"
Depth to Water (ft)	5.76	Est. Purge Volume:	6

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	9:28	9:31	9:34	9:37	9:40		
EC	1530	1510	1520	1530	1520		
pH	5.42	5.60	5.56	5.62	5.60		
Temp	72.3	72.1	72.3	72.1	71.9		
Gal.	1	2	3	4	6		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	7.14	Total Well Depth(ft).	13.77

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	H 04A	Date:	07-20-05
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-7	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	13.54	Well Diameter	44
Depth to Water (ft)	6.80	Est. Purge Volume:	20

Sampling Data:								
Initial Turbidity:			Final Turbidity:					
Time	1:55	10:00	10:05	10:10	10:15			
EC	1570	1510	1270	1260	1570			
pH	5.93	6.03	6.11	6.09	6.11			
Temp	72.3	72.1	71.9	71.7	71.6			
Gal.	4	8	12	16	20			
Time								
EC								
pH								
Temp								
Gal.								

After Purging/Before Sample Collection			
Depth to Water (ft.)	8.42	Total Well Depth (ft.)	13.54

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	H 044	Date:	07-20-05
Address:			
Personnel:	SERBAM	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	24.13	Well Diameter	24
Depth to Water (ft)	6.82	Est. Purge Volume:	M

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:18	10:22	10:27	10:31	10:35		
EC	1630	1600	1590	1570	1570		
pH	6.04	6.11	6.18	6.21	6.19		
Temp	72.4	72.1	71.8	71.6	71.6		
Gal.	2	4	6	8	11		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	8.34	Total Well Depth(ft.)	24.13

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	2049	Date:	07-20-05
Address:			
Personnel:	SERBATH	Weather:	SUNNY DAY
Well No:	MW-2R	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	16.76	Well Diameter	4"
Depth to Water (ft)	6.12	Est. Purge Volume:	28

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:51	10:58	11:06	11:13	11:20		
EC	1530	1540	1240	1530	1540		
pH	6.11	6.18	6.21	6.09	6.09		
Temp	72.4	72.6	72.3	72.1	72.1		
Gal.	5	11	16	22	28		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.06	Total Well Depth(ft).	16.76

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	07-20-05
Address:			
Personnel:	SERBAN	Weather:	SUNNY DAY
Well No:	MW-42	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	19.62	Well Diameter	4"
Depth to Water (ft)	6.08	Est. Purge Volume:	35

Sampling Data:								
Initial Turbidity:			Final Turbidity:					
Time	11:40	11:48	11:56	12:02	12:10			
EC	1530	1570	1540	1560	1540			
pH	5.93	6.01	6.11	6.18	6.21			
Temp	72.3	72.4	72.3	72.1	72.3			
Gal.	7	14	21	28	35			
Time								
EC								
pH								
Temp								
Gal.								

After Purging/Before Sample Collection			
Depth to Water (ft.)	8.68	Total Well Depth(ft).	19.62

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

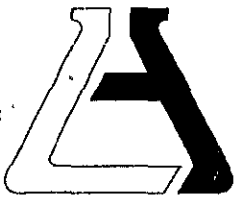
Site:	# 049	Date:	07-20-05
Address:			
Personnel:	SERBAN,	Weather:	SUNNY DAY
Well No:	RW-1R	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	11.07	Well Diameter	44
Depth to Water (ft)	6.32	Est. Purge Volume:	33

Sampling Data:								
Initial Turbidity:			Final Turbidity:					
Time	12:32	12:39	12:46	12:53	13:00			
EC	1420	1400	1370	1380	1370			
pH	6.09	6.07	6.01	5.93	5.91			
Temp	72.3	72.4	72.6	72.3	72.6			
Gal.	6	13	19	26	33			
Time								
EC								
pH								
Temp								
Gal.								

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.07	Total Well Depth(ft.)	19.07

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 154044 ✓

REPORTED 08/01/2005

RECEIVED 07/22/2005

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

SUBMITTER Client


COMMENTS Global ID #T0600101365

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>
638098	TOC #049 MW-6
638099	TOC #049 MW-1
638100	TOC #049 MW-5
638101	TOC #049 MW-7
638102	TOC #049 MW-3
638103	TOC #049 MW-2R
638104	TOC #049 MW-4R
638105	TOC #049 RW-1R
638106	TOC #049 Trip Blank
638107	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 638098

Client Sample ID TOC #049 MW-6

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	104			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 130	
Surr3 - Toluene-d8	105			%	70 - 130	
Surr4 - p-Bromofluorobenzene	108			%	70 - 130	
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	76			%	55 - 200	

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



Order #: 638099

Client Sample ID TOC #049 MW-1

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:20

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	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	99	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	105	%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
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Surrogates

		Units	Control Limits
a.a.a- Trifluorotoluene	76	%	55 - 200

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



Order #: 638100

Client Sample ID: TOC #049 MW-5

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:25

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	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-tertibutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	274	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	97			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102			%	70 - 130
Surr3 - Toluene-d8	101			%	70 - 130
Surr4 - p-Bromofluorobenzene	103			%	70 - 130

8015B - Gasoline

Gasoline	255	1	50	2.9	ug/L	07/26/05 HY
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	79			%	55 - 200

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



Order #: 638101

Client Sample ID TOC #049 MW-7

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:35

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	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	98			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130
Surr3 - Toluene-d8	98			%	70 - 130
Surr4 - p-Bromofluorobenzene	105			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	78			%	55 - 200

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



Order #: 638102

Client sample ID: TOC #049 MW-3

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:45

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	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-terbutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 130
Surr3 - Toluene-d8	101			%	70 - 130
Surr4 - p-Bromofluorobenzene	104			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	78			%	55 - 200

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

ND = Not detected below indicated MDL, J=Trace



Order #: 638103

Client sample ID TOC #049 MW-2R

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 13:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst	
8015M Ethanol / Methanol by GC-FID							
Ethanol	ND	1	50	20	mg/L	07/26/05 QN	
Methanol	ND	1	50	20	mg/L	07/26/05 QN	
8260B BTEX/MFBE Only							
Benzene	392	10	10.0	0.32	ug/L	07/26/05 LB	
Ethyl benzene	175	10	50.0	0.24	ug/L	07/26/05 LB	
Ethyl-terbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/26/05 LB	
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/26/05 LB	
Methyl-tert-butylether (MTBE)	742	10	10.0	0.63	ug/L	07/26/05 LB	
Tert-amylmethylether (TAME)	95	10	10.0	0.28	ug/L	07/26/05 LB	
Tertiary butyl alcohol (TBA)	151	10	100.0	10	ug/L	07/26/05 LB	
Toluene	15 J	10	50.0	0.10	ug/L	07/26/05 LB	
Xylenes, total	100	10	50.0	0.3	ug/L	07/26/05 LB	
Surrogates						Units	Control Limits
Surr1 - Dibromofluoromethane	100				%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	104				%	70 - 130	
Surr3 - Toluene-d8	99				%	70 - 130	
Surr4 - p-Bromofluorobenzene	106				%	70 - 130	
8015B - Gasoline							
Gasoline	4260	5	250.0	2.9	ug/L	07/27/05 HY	
Surrogates						Units	Control Limits
a,a,a-Trifluorotoluene	120				%	55 - 200	

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



Order #: 638104

Client sample ID TOC #049 MW-4R

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 14:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN
8260B BTEX/MTBE Only						
Benzene	251	10	10.0	0.32	ug/L	07/26/05 LB
Ethyl benzene	154	10	50.0	0.24	ug/L	07/26/05 LB
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	07/26/05 LB
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/26/05 LB
Methyl-tert-butylether (MTBE)	1280	10	10.0	0.63	ug/L	07/26/05 LB
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	07/26/05 LB
Tertiary butyl alcohol (TBA)	369	10	100.0	10	ug/L	07/26/05 LB
Toluene	90	10	50.0	0.10	ug/L	07/26/05 LB
Xylenes, total	1460	10	50.0	0.3	ug/L	07/26/05 LB
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	98			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	99			%	70 - 130	
8015B - Gasoline						
Gasoline	11300	10	500.0	2.9	ug/L	07/26/05 HY
Surrogates				Units	Control Limits	
a.a.a-Trifluorotoluene	64			%	55 - 200	

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



Order #: 638105

Client sample ID TOC #049 RW-1R

Matrix: WATER

Date Sampled: 07/20/2005 Time Sampled: 15:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8015M Ethanol / Methanol by GC-FID						
Ethanol	ND	1	50	20	mg/L	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN
8260B BTEX/MTBE Only						
Benzene	133	10	10.0	0.32	ug/L	07/26/05 LB
Ethyl benzene	ND	10	50.0	0.24	ug/L	07/26/05 LB
Ethyl-tert-butylether (ETBE)	ND	10	10.0	0.17	ug/L	07/26/05 LB
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	07/26/05 LB
Methyl-tert-butylether (MTBE)	465	10	10.0	0.63	ug/L	07/26/05 LB
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	07/26/05 LB
Tertiary butyl alcohol (TBA)	ND	10	100.0	10	ug/L	07/26/05 LB
Toluene	52	10	50.0	0.10	ug/L	07/26/05 LB
Xylenes, total	750	10	50.0	0.3	ug/L	07/26/05 LB
Surrogates						
Surr1 - Dibromofluoromethane	100				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Bromofluorobenzene	110				%	70 - 130
8015B - Gasoline						
Gasoline	4900	5	250.0	2.9	ug/L	07/27/05 HY
Surrogates						
a,a,a-Trifluorotoluene	113				%	55 - 200

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

ND = Not detected below indicated MDL, J=Trace



Order #: 638106

Client Sample ID TOC #049 Trip Blank

Matrix: WATER

Date Sampled: 07/20/2005

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.32	ug/L	07/26/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/26/05 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/26/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/26/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/26/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/26/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/26/05 LB
Toluene	ND	1	5	0.10	ug/L	07/26/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/26/05 LB
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	102			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 130	
Surr3 - Toluene-d8	103			%	70 - 130	
Surr4 - p-Bromofluorobenzene	109			%	70 - 130	
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	73			%	55 - 200	

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



Order #: 638107

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	07/26/05 QN
Methanol	ND	1	50	20	mg/L	07/26/05 QN

8260B BTEX/MTBE Only

Benzene	ND	1	1	0.32	ug/L	07/25/05 LB
Ethyl benzene	ND	1	5	0.24	ug/L	07/25/05 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	07/25/05 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	07/25/05 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.63	ug/L	07/25/05 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	07/25/05 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	07/25/05 LB
Toluene	ND	1	5	0.10	ug/L	07/25/05 LB
Xylenes, total	ND	1	5	0.3	ug/L	07/25/05 LB

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	104	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	106	%	70 - 130
Surr3 - Toluene-d8	104	%	70 - 130
Surr4 - p-Bromofluorobenzene	95	%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	2.9	ug/L	07/26/05 HY
----------	----	---	----	-----	------	-------------

Surrogates

		Units	Control Limits
a,a,a-Trifluorotoluene	76	%	55 - 200

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



ASSOCIATED LABORATORIES
QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 154142-611

Analysis Date: July 26, 2005 5:45 PM

Applies to: LR 154044, 154142

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	25.0	20.36	20.61	81	82	1	22	59-172
MTBE	ND	25.0	20.34	20.27	81	81	0	24	62-137
Benzene	ND	25.0	22.87	22.00	91	88	4	24	62-137
Trichloroethene	ND	25.0	24.62	24.50	98	98	0	21	66-142
Toluene	ND	25.0	24.47	24.75	98	99	1	21	59-139
Chlorobenzene	ND	25.0	24.50	24.18	98	97	1	21	60-133

QC Sample: LCS 11:29 AM

Analysis Date: July 26, 2005

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50.0	44.64	89	59-172
MTBE	ND	50.0	46.99	94	62-137
Benzene	ND	50.0	49.63	99	62-137
Trichloroethene	ND	50.0	51.40	103	66-142
Toluene	ND	50.0	52.56	105	59-139
Chlorobenzene	ND	50.0	51.18	102	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 1	MB 2	MS	MSD	LCS
DBFM	98	100	93	98	99
1,2-DCA	102	107	88	86	101
Tol-d8	101	98	105	101	99
p-BFB	104	105	91	97	107

ASSOCIATED LABORATORIES
QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 154044-098
 Analysis Date: July 25, 2005 7:36 PM
 Applies to: LR 154044

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50.0	43.95	43.46	88	87	1	22	59-172
MTBE	ND	50.0	50.04	52.74	100	105	5	24	62-137
Benzene	ND	50.0	48.85	49.99	98	100	2	24	62-137
Trichloroethene	ND	50.0	49.92	49.31	100	99	1	21	66-142
Toluene	ND	50.0	49.16	50.77	98	102	3	21	59-139
Chlorobenzene	ND	50.0	50.48	46.13	101	92	9	21	60-133

QC Sample: LCS 5:15 PM
 Analysis Date: July 25, 2005

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50.0	43.21	86	59-172
MTBE	ND	50.0	49.27	99	62-137
Benzene	ND	50.0	50.29	101	62-137
Trichloroethene	ND	50.0	50.53	101	66-142
Toluene	ND	50.0	50.12	100	59-139
Chlorobenzene	ND	50.0	50.12	100	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 2	MS	MSD	LCS
DBFM	104	95	100	102
1,2-DCA	106	103	100	106
Tol-d8	104	101	93	104
p-BFB	95	101	98	98

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 07/26/05
 Analysis Date: 07/26/05
 ID#'s in Batch: LR 154031;154044

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	103.7	103.7	104	104	0
Ethanol	D285	ND	100	109.3	112.4	109	112	3

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

% REC LIMITS = 70 - 130 RPD LIMITS = 25
--

Method Blank - All ND

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: July 25, 2005
 Analysis Date: July 25-26, 2005
 ID#'s in Batch: LR 154036, 154080, 154044

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	470	445	94	89	5

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

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

<i>RPD LIMITS = 30</i>

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	76
LCS	145
LCSD	148

AAA-TFT = a,a,a-Trifluorotoluene



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: Thurifty oil Project: JOC 049

Date Cooler Received: 7/22/05 Date Cooler Opened: 7/22/05

Was cooler scanned for presence of radioactivity? Yes/No
If yes was radioactivity results above 25 cpm? Yes/No

Was a shipper's packing slip attached to the cooler? Yes/No

If the cooler had custody seal(s), were they signed and intact? Yes/No/Na

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

Cooler Temperature: 2.4 °C *

*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C? Yes/No

If no explain: _____

Were all samples sealed in plastic bags? Yes/No

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

Were all samples labeled correctly? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers? Yes/No

Were any VOA vials received with head space? Yes/No/Na

Was the correct preservatives used? Yes/No/Na

If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Receiving Department: ml Date: 7/22/05

APPENDIX C

(2/19)

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERRAN P

DATE OF INSPECTION: 09-13-05

OBSERVATIONS AND COMMENTS: CHECK BELT, CHECK CARBON DRUMS FOR LEAK, ADJUST PRESSURE/REGULATOR FOR ALL PUMPS, PICKUP SAMPLE ALOAGE FROM HOLDING TANK,

FLOW METER READING: 11816.3

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: 3.4

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: Serran P

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBANI P -

DATE OF INSPECTION: 09-07-05

OBSERVATIONS AND COMMENTS: CHECK DRUMS, HOSES FOR LEAK, ADJUST PRESSURE FOR RW-1R, CHECK PUMP IN MW-2R WELLS, CHECK FOR OIL;

FLOW METER READING: -11713.1-

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: 3.6

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.6

INSPECTOR'S SIGNATURE: [Signature]



SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

12 049
3400 SHELBY PARK BLVD
ATLANTA, GA 30612

DATE:

08-22-05

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		✓		11311.2	REPLACE 1 DRUM
FPR	FP Recovery					
O	Other:					

UTILITIES:

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

OTHER NOTES:

SHUT DOWN FOR REPLACE ONE CARBON DRUM
BECAUSE LEAK VERY BAD,

ALWAYS OBSERVE SAFETY PROCEDURES!

(ch)

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 08-23-05

OBSERVATIONS AND COMMENTS: DISCONNECT ONE DRUM BECAUSE

LEAK VERY BAD, CALL FOR REPLACE

FLOW METER READING: 11311.2

SAMPLES OBTAINED: N/A

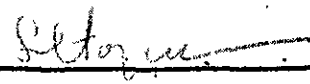
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P -

DATE OF INSPECTION: 08-19-05

OBSERVATIONS AND COMMENTS: CHECK OIL, BELT, ADJUST PRESSURE REGULATOR, CHECK PUMP IN MW-2R,

FLOW METER READING: 11219.6

SAMPLES OBTAINED: SPLIT PSP1 WITH EBMUD INSPECTOR

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: 5.2

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.8

INSPECTOR'S SIGNATURE: Serban P.

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: VERBANI P

DATE OF INSPECTION: 08-09-05

OBSERVATIONS AND
COMMENTS: SPLIT WATER SAMPLE FROM
OUTLET WITH INSPECTOR FROM OAPLANO
FERMUD

FLOW METER READING: 10827.1

SAMPLES OBTAINED: FROM OUTLET (PSPA)

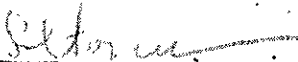
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

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: 



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: # 0619
 ADDR: 3600 SHEL DAVIS AVE
 ATLANTA, GA 30312
 DATE: 08-03-05
 PERSON: STEPHEN ADI

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	✓			10572.1	RESTART AFTER CENTRAL CITY #012
FPR	FP Recovery					
O	Other:					

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

OTHER NOTES:
 CHECK CONNECTIONS BETWEEN BRUMS FOR LEAKS
 CHECK OIL, CHECK BELT,

ALWAYS OBSERVE SAFETY PROCEDURES!

049

MAINTENANCE & REPAIR REPORT

A) SS #: 0008 SYSTEM TYPE:
B) DEFICIENCY DESCRIPTION :
CARBON CHANGE
C) NAME OF REPORTING PARTY AND DATE: SERBAY P.
D) DATE SCHEDULED : 07-28-05

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: FILL WITH CLEAN WATER ALL 3 CARBON AND SET FOR 48 H. FOR INSIDE CARBON BECOME WETTER.	



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: # 049
 ADDR: 3400 SAN PABLO AVE
 OAKLAND, 94612
 DATE: 07-26-05
 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		✓		10570.5	FOR CARBON CHANGE
FPR	PP 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 carbon change.

ALWAYS OBSERVE SAFETY PROCEDURES!

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

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 07-19-05

OBSERVATIONS AND COMMENTS: SHUT DOWN SYSTEM FOR
R.W.S IN 07-20-05

FLOW METER READING: 9145.3

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

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

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

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBON P.

DATE OF INSPECTION: 07-12-05

OBSERVATIONS AND COMMENTS: CHANGE OIL, ADJUST FILTER/REGULATOR

FOR MW-2R, CLEAN INSIDE COMPOND, CHECK

DRUMS AND PIPE FOR LEAK,

FLOW METER READING: 8534.3

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: 5.4

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.8

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBANI PROTOPAPAS

DATE OF INSPECTION: 07-07-05

OBSERVATIONS AND COMMENTS: CHECK BENT, OIL, ADJUST FILTER

REGULATOR FOR MW-2R, TAKE WATER SAMPLE

FROM SYSTEM

FLOW METER READING: 7125.7

SAMPLES OBTAINED: yes

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 4.3

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

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAM P.

DATE OF INSPECTION: 07-07-05

OBSERVATIONS AND COMMENTS: SYSTEM WATER SAMPLING

FLOW METER READING: 6607.1

SAMPLES OBTAINED: YES (FROM SYSTEM)


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: 

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 153277 ✓

REPORTED 07/13/2005

RECEIVED 07/08/2005

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.

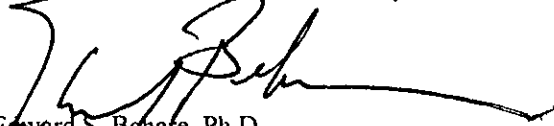
634641
634642

Client Sample Identification

TOC#049 Outlet-PSP-1
Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,


Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 634641**Client Sample ID:** TOC#049 Outlet-PSP-1**Matrix:** WATER**Date Sampled:** 07/07/2005 **Time Sampled:** 11:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.17	ug/L	07/12/05 HY
Ethyl benzene	ND	1	0.3	0.14	ug/L	07/12/05 HY
Toluene	ND	1	0.3	0.22	ug/L	07/12/05 HY
Xylene (total)	ND	1	0.6	0.38	ug/L	07/12/05 HY
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	07/12/05 HY
Surrogates						
a,a,a-Trifluorotoluene	73				%	55 - 200

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



Order #: 634642**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	07/12/05 HY
Ethyl benzene	ND	1	0.3	0.14	ug/L	07/12/05 HY
Toluene	ND	1	0.3	0.22	ug/L	07/12/05 HY
Xylene (total)	ND	1	0.6	0.38	ug/L	07/12/05 HY
8015B - Gasoline						
Gasoline	ND	1	50	2.9	ug/L	07/12/05 HY
Surrogates						
a,a,a-Trifluorotoluene	79				%	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: July 11, 2005
 Analysis Date: July 12, 2005
 LAB ID#'s in Batch: LR153277

REPORTING UNITS = ug/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	19.8	19.5	99	98	2
Toluene	8021	ND	20	18.6	18.3	93	92	2
Ethylbenzene	8021	ND	20	18.2	17.9	91	90	2
Xylenes	8021	ND	60	56.1	55.1	94	92	2

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	79
LCS	87
LCSD	89

AAA-TFT = a,a,a-Trifluorotoluene



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: Thiify oil Project: TOC 049

Date Cooler Received: 7/8 Date Cooler Opened: 7/8/05

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

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

Cooler Temperature: 2-3°C *

*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: _____

Were all samples sealed in plastic bags ? Yes/No

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

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH.

Any other important information: _____

Receiving Department: MV Date: 7/8

Chain of Custody Record

ASSOCIATED LABORATORIES

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



153277

Page 1 of 1

Company: <u>THRIFTY OIL CO.</u>		Phone: <u>(562) 921-3521</u>		A.L. Job No. <u>153277</u>	
Project Manager: <u>JEFF SUDYARWINDA</u>		Fax: <u>(562) 921-7519</u>		Analysis Requested	
Project Name: <u>System water sampling</u>		Project #: <u>049</u>		Test Instructions & Comments	
Site Name and Address: <u>3400 SAN PABLO AVE OAKLAND CA, 94612</u>					

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TRIS (20/15M)	BTEX (802/1B)											
1		07-07-05	11:00	H ₂ O	3-VOA	HCL	X	X											GRAB SAMPLE
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: <u>E.M.C.</u> ¹		Relinquished by <u>GOLDEN ROD STATE</u> ²		Relinquished by <u></u> ³	
Total Number of Containers	<u>3</u>	Properly Cooled	<u>Y</u> / N / NA	Signature:	<u>[Signature]</u>	Signature:	<u>OVERNIGHT</u>	Signature:	
Custody Seals	<u>Y</u> / N / NA	Samples Intact	<u>Y</u> / N / NA	Printed Name:	<u>SPRADA P</u>	Printed Name:		Printed Name:	
Received in Good Condition	<u>Y</u> / N	Samples Accepted	<u>Y</u> / N	Date:	<u>07-07-05</u>	Time:	<u>16:00</u>	Date:	Time:
Turn Around Time				Received By: <u>GOLDEN STATE</u>		Received By: <u>2</u>		Received By: <u>3</u>	
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<u>OVERNIGHT</u>	Signature:	<u>[Signature]</u>	Signature:	
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:		Printed Name:	<u>prince v.</u>	Printed Name:	
				Date:		Date:	<u>7/8 10:30</u>	Date:	Time:

2 2.86 - 1.30

Chain of Custody Record



A.L. Job No. **153277** Page **1** of **1**

Company TARIPPY OIL CO.	Phone (562) 921-3581	A.L. Job No. 153277	Page 1 of 1
Project Manager JEFF SURYARUSUMIT	Fax (562) 921-7540	Analysis Requested	
Project Name System water sampling	Project # 049	Test Instructions & Comments	
Site Name and Address 3400 SAN PABLO AVE OAKLAND CA 94612			

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH (9015M)	BTEX (8021B)											
1		07-07-05	11:00	H ₂ O	3-VOA	HCL	X	X											GRAB SAMPLE
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: E.M.C. 1	Relinquished by GOLDEN STAFF 2	Relinquished by 3
Total Number of Containers	Property Cooled <input checked="" type="checkbox"/> Y / N / NA	Signature: [Signature]		Signature: OVERNIGHT	Signature:	
Custody Seals <input checked="" type="checkbox"/> Y / N / NA	Samples Intact <input checked="" type="checkbox"/> Y / N / NA	Printed Name: SURBAN P		Printed Name:	Printed Name:	
Received in Good Condition <input checked="" type="checkbox"/> Y / N	Samples Accepted <input checked="" type="checkbox"/> Y / N	Date: 07-07-06 Time: 16:00	Date:	Time:	Date:	Time:
Turn Around Time				Received By: GOLDEN STAFF 2	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: OVERNIGHT	Signature: [Signature]	Signature:
	<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.		Printed Name:	Printed Name: puantv	Printed Name:
				Date:	Date: 7/8 Time: 10:30	Date:

2 2.865 1.30