

# THRIFTY OIL CO.

Ro 4 AG

July 27, 2004

O.48580

Mr. Barney Chan  
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 #4565908908

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RE: **Former Thrifty Oil Co. Station #049**  
3400 San Pablo Avenue  
Oakland, CA 94612  
**2nd Quarter 2004, Status Report**

Alameda County  
JUL 30 2004  
Department of Environmental Health

Dear Mr. Chan:

Presented herein is the 2nd Quarter 2004, 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 second quarter of 2004. 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 4.35 feet below top of casing (btc) in monitoring well MW-5 to 5.48 feet btc in monitoring well MW-3 (**Appendix A**). A groundwater elevation contour map based on the April 8, 2004, monitoring data is presented in **Figure 2**. Groundwater elevation data indicates that groundwater flow to the southwest under at an approximate gradient of 0.0435 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 April 8, 2004. Groundwater wells MW-2 and MW-4 and recovery well RW-1 were abandoned by Advanced GeoEnvironmental (AGE) in January 2004, and replacement wells MW-2R, MW-4R, and RW-1R were installed as part of an upgrade to the groundwater recovery system. Groundwater samples were delivered by EMC in a chilled state following strict Chain-of-Custody procedures to a state-certified laboratory and analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M. Volatile organic compounds of benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tert butyl ether (MTBE), and other oxygenates were analyzed by EPA Method 8260B. A summary of historical analytical sampling results for TPHg, BTEX, and MTBE is provided in **Table 1** and other oxygenates data is provided on **Table 2**. Copies of the EMC Field Data Groundwater Sampling Forms are provided in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, benzene, and MTBE isoconcentration maps in micrograms per liter (ug/L) were prepared using data from the April 8, 2004, sampling event and are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentrations of TPHg, benzene, and MTBE were detected in well MW-4R (37,900 ug/L, 819 ug/L, and 18,400 ug/L, respectively).



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Concentrations of TPHg, benzene, and MTBE all decreased in well MW-3 from the sample collected on 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 is likely.

### **Remediation Status**

Site remedial activities were initiated in April 1991. The remediation system consists of a Groundwater Treatment System using activated carbon, with groundwater extraction from recovery well RW-1. System operational data is included in **Table 3**. On February 14, 2003, the groundwater system was shut down initially for carbon replacement, and on April 4, 2003, the system was left off for system upgrade activities. As of April 4, 2003, the system has treated approximately 1,445,088 gallons of groundwater since start up (April 1991).

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 (**Figure 6**). The upgraded system is removing groundwater from extraction wells MW-2R, MW-4R, and RW-1R that are each equipped with downhole submersible pumps. According to AGE, as of June 30, 2004, the system produced and treated 4,165 gallons of water. Effluent water samples from the PSP-1 sampling port were collected on May 28 and June 21, 2004, and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B. BTEX compounds were not detected above their respective detection limits. Copies of the analytical results are provided in **Appendix C**.

### **Other Activities**

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. AGE also completed four (4) offsite soil borings (B-1 through B-4). In a transmittal letter dated March 11, 2004, Thrifty submitted preliminary soil and groundwater data from the offsite soil borings and onsite well replacement activities. On March 18, 2004, Thrifty, AGE, and the Alameda 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 in the data from 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


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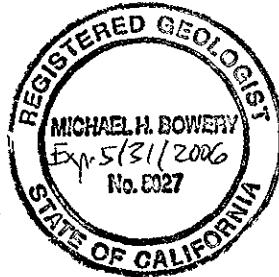
that additional borings be considered if soil and groundwater samples indicate significant hydrocarbon contamination. The ACHCA also suggested moving the location of onsite well MW-10 slightly to the west or installing a second boring along the northern boundary of the site. Thrifty has submitted a request for proposal for site assessment and will conduct the work scope as soon as a consultant is selected in early August 2004.


The groundwater monitoring wells will be monitored and sampled during the next quarter. All site monitoring/sampling data generated during the next quarter will be reported in the Second Quarter 2004 monitoring report.

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



  
Chris Panaitescu  
General Manager  
Environmental Affairs

cc: BP West Coast Products LLP; Ms. Kateri Luka  
File

# ***TABLES***

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
<b>MONITORING WELL #MW-1</b>											
<i>Screen Interval = 5 to 25 feet</i>											
01/09/92	-	-	-	-	-	-	5.54	NP	0.00	98.03	92.49
04/13/92	-	-	-	-	-	-	5.86	NP	0.00	98.03	92.17
10/05/92	-	-	-	-	-	-	9.39	NP	0.00	98.03	88.64
01/06/93	-	-	-	-	-	-	4.76	NP	0.00	98.03	93.27
04/26/93	-	-	-	-	-	-	4.96	NP	0.00	98.03	93.07
01/04/94	-	-	-	-	-	-	7.00	NP	0.00	98.03	91.03
04/05/94	-	-	-	-	-	-	6.44	NP	0.00	98.03	91.59
10/09/95	44,000	4,500	4,300	1,700	10,000	-	-	-	-	98.03	-
01/08/96	21,000	1,200	150	34	4,800	-	6.15	NP	0.00	98.03	91.88
04/08/96	4,700	80	110	10	910	-	5.40	NP	0.00	98.03	92.63
07/22/96	7,000	280	130	<3	2,100	440	5.50	NP	0.00	98.03	92.53
10/16/96	120	<0.3	<0.3	<0.3	<0.5	180	6.02	NP	0.00	98.03	92.01
01/22/97	160	<0.3	<0.3	<0.3	<0.5	360	4.40	NP	0.00	98.03	93.63
04/21/97	20,000	420	140	5.8	840	55,000	6.30	NP	0.00	98.03	91.73
07/14/97	13,000	<0.3	<0.3	<0.3	<0.55	30,000	5.92	NP	0.00	98.03	92.11
10/07/97	-	-	-	-	-	-	7.71	7.70	0.01	98.03	90.33
01/13/98	<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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	16	6.13	NP	0.00	98.03	91.90
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	2.45	NP	0.00	98.03	95.58
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	7.02	NP	0.00	98.03	91.01
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.15	NP	0.00	98.03	92.88
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.13	NP	0.00	98.03	92.90
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	3.92	NP	0.00	98.03	94.11
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.54	NP	0.00	98.03	93.49
<b>MONITORING WELL RMW-2</b> 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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ng/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTHF (ng/L)						
07/19/00	130	<0.3	<0.3	<0.3	<0.6	*9,620 / 6,520	5.40	NP	0.00	97.44	92.04	
10/18/00	150	<0.18	<0.14	<0.18	<0.26	*9,090 / 6,560	6.91	NP	0.00	97.44	90.53	
01/17/01	75	<0.18	2.0	2.0	3.0	*8,650 / 9,710	5.41	NP	0.00	97.44	92.03	
04/19/01	4,380	<0.18	<0.14	<0.18	<0.26	8,890	5.40	NP	0.00	97.44	92.04	
07/18/01	3,260	<0.18	<0.14	<0.18	2.0	*7960 / 1,710	6.92	NP	0.00	97.44	90.52	
10/10/01	1,760	<0.18	<0.14	<0.18	<0.26	*2,980 / 2,600	3.87	NP	0.00	97.44	93.57	
01/30/02	1,770	<0.18	1.0	1.0	2.0	*2,560 / 1,590	8.45	NP	0.00	97.44	88.99	
04/17/02	1,470	1.0	<0.14	<0.18	<0.26	*2,460 / 2,080	8.45	NP	0.00	97.44	88.99	
07/31/02	3,910	<0.18	1.2	<0.18	2.1	*2,090 / 1,740	9.98	NP	0.00	97.44	87.46	
11/14/02	39,400	1,680	728	173	5,120	8,270	5.40	NP	0.00	97.44	92.04	
01/29/03	22,100	746	76	<1.0	2,840	8,220	8.43	NP	0.00	97.44	89.01	
04/23/03	19,500	<0.8	<0.4	<0.4	<1.2	9,580	5.38	NP	0.00	97.44	92.06	
07/10/03	29,900	<2.2	<3.2	<3.1	<4.0	6,690	5.10	NP	0.00	97.44	92.34	
10/20/03	13,000	4.79	<0.02	<0.02	<0.06	*6,330 / 5,980	5.10	NP	0.00	97.44	92.34	
01/14/04	WELL ABANDONED 01/2004											
<b>MONITORING WELL #MW-3R</b>												
04/08/04	11,600	304	16 J	55	427	4,170	4.58	NP	0.00	-	-	
<b>MONITORING WELL #MW-3</b> <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	

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MPIRE (ug/L)					
01/19/98	22,000	1,300	15	20	310	-	7.85	NP	0.00	97.69	89.84
04/23/98	9,200	3.9	3.1	5.7	9.8	16,000	11.20	NP	0.00	97.69	86.49
07/20/98	750	0.41	1.4	0.47	1.8	2,800	7.36	NP	0.00	97.69	90.33
10/14/98	750	<0.3	<0.3	<0.3	<0.5	15,000	11.95	NP	0.00	97.69	85.74
01/21/99	4,700	0.32	<0.3	<0.3	<0.5	* 12,000 / 16,000	10.45	NP	0.00	97.69	87.24
04/15/99	7,900	0.59	0.69	<0.3	0.94	* 11,000 / 14,000	7.86	NP	0.00	97.69	89.83
07/26/99	5,200	<3	<3	<3	<5	*9,600 / 11,000	10.40	NP	0.00	97.69	87.29
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	7.09	NP	0.00	97.69	90.60
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	6.86	NP	0.00	97.69	90.83
04/05/00	<50	0.8	<0.25	<0.25	<0.5	*5.6 / <5	8.85	NP	0.00	97.69	88.84
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	8.86	NP	0.00	97.69	88.83
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.32	NP	0.00	97.69	90.37
01/17/01	<50	<0.18	2.0	<0.18	1.0	*39 / 39	5.40	NP	0.00	97.69	92.29
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	8.87	NP	0.00	97.69	88.82
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.32	NP	0.00	97.69	90.37
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	8.87	NP	0.00	97.69	88.82
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.78	NP	0.00	97.69	91.91
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	7.31	NP	0.00	97.69	90.38
07/31/02	138	1.1	1.2	<0.18	<0.26	<0.24	5.76	NP	0.00	97.69	91.93
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	21	5.73	NP	0.00	97.69	91.96
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	16	7.30	NP	0.00	97.69	90.39
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	16	5.76	NP	0.00	97.69	91.93
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	11	5.63	NP	0.00	97.69	92.06
10/20/03	13,700	4.13	<0.02	<0.02	<0.06	*6,570 / 4,920	5.61	NP	0.00	97.69	92.08
01/14/04	1,160	2.0	2.2	6.1	7.8	*1,510 / 767	4.23	NP	0.00	97.69	93.46
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.48	NP	0.00	97.69	92.21
<b>MONITORING WELL #MW-4</b> 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



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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MFR (ug/L)						
10/09/95	63,000	9,000	2,100	2,500	9,600	-	-	-	-	97.33	-	
01/08/96	23,000	2,200	830	880	3,600	-	5.57	NP	0.00	97.33	91.76	
04/08/96	56,000	5,000	2,500	2,600	11,000	-	5.36	NP	0.00	97.33	91.97	
07/22/96	33,000	3,700	1,600	1,400	6,000	2,400	4.80	NP	0.00	97.33	92.53	
10/16/96	2,800	7.8	0.60	0.41	52	2,000	5.47	NP	0.00	97.33	91.86	
01/22/97	1,400	<0.3	<0.3	<0.3	<0.5	3,100	5.15	NP	0.00	97.33	92.18	
04/21/97	-	-	-	-	-	-	6.36	5.30	1.06	97.33	91.77	
07/14/97	-	-	-	-	-	-	5.24	5.21	0.03	97.33	92.11	
10/07/97	-	-	-	-	-	-	7.82	7.80	0.02	97.33	89.53	
01/15/98	-	-	-	-	-	-	6.68	6.60	0.08	97.33	90.71	
04/23/98	-	-	-	-	-	-	6.36	5.30	1.06	97.33	91.77	
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.05	NP	0.00	97.33	91.28	
10/14/98	3,100	86	23	2.0	520	1,100	6.85	NP	0.00	97.33	90.48	
01/21/99	9,100	3.2	5.6	1.8	130	*24,000 / 17,000	6.10	NP	0.00	97.33	91.23	
04/15/99	14,000	<0.3	0.71	<0.3	<0.5	*20,000 / 22,000	6.05	NP	0.00	97.33	91.28	
07/26/99	4,500	<6	<6	<6	<10	*8,700 / 9,800	6.07	NP	0.00	97.33	91.26	
10/13/99	410	<0.3	0.63	<0.3	<0.5	660	5.54	NP	0.00	97.33	91.79	
01/20/00	770	<0.3	<0.3	<0.3	<0.5	*2,400 / 1,900	5.49	NP	0.00	97.33	91.84	
04/05/00	61,200	0.9	<0.25	<0.25	<0.5	*18,500 / 21,900	5.30	NP	0.00	97.33	92.03	
07/19/00	96,600	1,770	1,760	2,690	8,730	21,900 / 9,740 J	5.29	NP	0.00	97.33	92.04	
10/18/00	34,900	698	1,010	607	4,130	*27,800 / 15,900	6.02	NP	0.00	97.33	91.31	
01/17/01	29,100	799	930	614	3,400	*24,300 / 31,400	4.88	NP	0.00	97.33	92.45	
04/19/01	103,000	4,880	3,980	3,260	11,800	66,900	4.89	NP	0.00	97.33	92.44	
07/18/01	52,200	3,320	2,090	440	5,520	*55,500 / 16,800	6.04	NP	0.00	97.33	91.29	
10/10/01	8,580	6.1	14	5.3	70	*40,100 / 30,000	4.51	NP	0.00	97.33	92.82	
01/30/02	36,500	<0.18	3.0	1.0	3.0	*43,000 / 24,900	4.51	NP	0.00	97.33	92.82	
04/17/02	12,900	8.0	1.0	<0.18	1.0	16,000 / 13,600	4.51	NP	0.00	97.33	92.82	
07/31/02	19,300	<0.18	1.2	1.5	2.6	*13,200 / 10,100	5.26	NP	0.00	97.33	92.07	
11/14/02	36,200	1,720	940	235	6,190	8,280	5.27	NP	0.00	97.33	92.06	
01/29/03	13,000	444	39	<0.4	1,200	8,160	4.50	NP	0.00	97.33	92.83	
04/23/03	7,430	130	5.7	<0.2	387	5,830	4.80	NP	0.00	97.33	92.53	
07/10/03	16,200	<2.2	<3.2	<3.1	<4.0	3,930	4.55	NP	0.00	97.33	92.78	
10/20/03	6,040	672	384	3.4	444	*3,780 / 3,220	4.56	NP	0.00	97.33	92.77	
01/14/04	WELL ABANDONED 01/2004											

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ng/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MIBK (ug/L)					
<b>MONITORING WELL #MW-4R</b>											
04/08/04	37,900	819	424	159	3,190	18,400	4.96	NP	0.00	-	-
<b>MONITORING WELL #MW-5</b> <i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	5.32	NP	0.00	98.85	93.53
04/13/92	-	-	-	-	-	-	4.82	NP	0.00	98.85	94.03
10/0/92	-	-	-	-	-	-	8.78	NP	0.00	98.85	90.07
01/06/93	-	-	-	-	-	-	3.46	NP	0.00	98.85	95.39
04/26/93	-	-	-	-	-	-	4.66	NP	0.00	98.85	94.19
01/04/94	-	-	-	-	-	-	6.36	NP	0.00	98.85	92.49
04/05/94	-	-	-	-	-	-	5.94	NP	0.00	98.85	92.91
07/12/95	<100	<0.5	<0.5	<0.5	<1	-	-	-	-	98.85	-
10/09/95	440	31	11	19	84	-	-	-	-	98.85	-
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	6.63	NP	0.00	98.85	92.22
04/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	5.22	NP	0.00	98.85	93.63
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.62	NP	0.00	98.85	92.23
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.12	NP	0.00	98.85	92.73
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.17	NP	0.00	98.85	93.68
04/21/97	73	2.5	0.34	0.74	3.8	21	6.64	NP	0.00	98.85	92.21
07/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	6.67	NP	0.00	98.85	92.18
10/07/97	130	<0.3	<0.3	<0.3	<0.5	-	8.20	NP	0.00	98.85	90.65
01/19/98	85	<0.3	<0.3	<0.3	<0.5	-	1.55	NP	0.00	98.85	97.30
04/23/98	220	0.39	<0.3	<0.3	<0.5	350	8.10	NP	0.00	98.85	90.75
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.30	NP	0.00	98.85	92.55
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5	7.65	NP	0.00	98.85	91.20
01/21/99	<50	<0.3	<0.3	<0.3	<0.5	*6.7 / <5	6.15	NP	0.00	98.85	92.70
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	1.60	NP	0.00	98.85	97.25
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.13	NP	0.00	98.85	92.72
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.61	NP	0.00	98.85	92.24
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5	6.14	NP	0.00	98.85	92.71
04/05/00	<50	0.5	<0.25	<0.25	<0.5	*5.4 / <5	4.58	NP	0.00	98.85	94.27
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5	4.59	NP	0.00	98.85	94.26
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	6.28	NP	0.00	98.85	92.57
01/17/01	<50	<0.18	<0.14	<0.18	1.0	*5 / 4.8	4.58	NP	0.00	98.85	94.27
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4.58	NP	0.00	98.85	94.27

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTHF (ug/L)					
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	NP	0.00	98.85	93.60
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	*9.11 / 9.2	5.25	NP	0.00	98.85	93.60
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	*8.2 / 4.1	3.03	NP	0.00	98.85	95.82
04/08/04	797	<0.22	<0.32	<0.31	<0.4	635	4.35	NP	0.00	98.85	94.50
<b>MONITORING WELL #MW-6</b> <i>Screen Interval = 4 to 14 feet</i>											
01/09/92	-	-	-	-	-	-	6.30	NP	0.00	99.67	93.37
04/13/92	-	-	-	-	-	-	5.47	NP	0.00	99.67	94.20
10/05/92	-	-	-	-	-	-	9.85	NP	0.00	99.67	89.82
01/06/93	-	-	-	-	-	-	4.16	NP	0.00	99.67	95.51
04/26/93	-	-	-	-	-	-	5.75	NP	0.00	99.67	93.92
01/14/94	-	-	-	-	-	-	7.20	NP	0.00	99.67	92.47
04/05/94	-	-	-	-	-	-	6.76	NP	0.00	99.67	92.91
07/10/95	<100	<0.5	0.9	<0.5	1.1	-	-	-	-	99.67	-
10/09/95	250	4.8	5.6	11	58	-	-	-	-	99.67	-
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	6.16	NP	0.00	99.67	93.51
04/08/96	230	4.6	4.7	3.2	33	-	4.60	NP	0.00	99.67	95.07
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	7.30	NP	0.00	99.67	92.37
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.82	NP	0.00	99.67	93.85
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.40	NP	0.00	99.67	95.27
04/21/97	130	<0.3	<0.3	<0.3	<0.5	<20	7.10	NP	0.00	99.67	92.57
07/14/97	<50	<0.3	<0.3	<0.3	0.70	<20	7.35	NP	0.00	99.67	92.32
10/07/97	<50	0.78	0.3	<0.3	<0.5	-	6.98	NP	0.00	99.67	92.69
01/23/98	<50	<0.3	<0.3	<0.3	<0.5	-	2.35	NP	0.00	99.67	97.32
04/23/98	<50	<0.3	<0.3	<0.3	<0.5	<20	6.90	NP	0.00	99.67	92.77
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTHB (ug/L)					
01/21/99	<50	0.35	0.62	<0.3	<0.5	<5	3.90	NP	0.00	99.67	95.77
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	2.35	NP	0.00	99.67	97.32
07/26/99	1,000	<0.3	<0.3	<0.3	<0.5	*2,300 / 3,900	3.93	NP	0.00	99.67	95.74
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.15	NP	0.00	99.67	93.52
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*42 / 41	5.84	NP	0.00	99.67	93.83
04/05/00	4,600	338	2.8	1.2	55.2	*282 / 230	3.89	NP	0.00	99.67	95.78
07/19/00	60	1.0	2.0	<0.3	<0.6	*87 / 76	3.07	NP	0.00	99.67	96.60
10/18/00	-	-	-	-	-	-	-	-	-	99.67	-
01/17/01	103	<0.18	2.0	<0.18	3.0	*78 / 106	3.87	NP	0.00	99.67	95.80
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.40	NP	0.00	99.67	94.27
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3.86	NP	0.00	99.67	95.81
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	5.40	NP	0.00	99.67	94.27
11/14/02	140	3.2	<0.18	5.2	<0.4	111	5.42	NP	0.00	99.67	94.25
01/29/03	694 J	<0.04	<0.02	<0.02	<0.06	630	3.88	NP	0.00	99.67	95.79
04/23/03	1,550	<0.04	<0.02	<0.02	<0.06	578	3.86	NP	0.00	99.67	95.81
07/10/03	1,670	<0.22	<0.32	<0.31	<0.4	509	5.31	NP	0.00	99.67	94.36
10/20/03	1,320	<0.04	<0.02	<0.02	<0.06	*656 / 662	5.30	NP	0.00	99.67	94.37
01/14/04	272	<0.04	<0.02	<0.02	<0.06	*304 / 180	3.82	NP	0.00	99.67	95.85
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.18	NP	0.00	99.67	94.49
<b>MONITORING WELL #MW-7</b> <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
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MFBF (ug/L)					
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	NP	0.00	99.02	93.99
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	5.01	NP	0.00	99.02	94.01
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	4.38	NP	0.00	99.02	94.64
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.86	NP	0.00	99.02	94.16
<b>MONITORING WELL HRW-1</b>											
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 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	<5	*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										

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
<b>MONITORING WELL #RW-1R</b>											
04/08/04	6,740	42.0	32 J	<3.1	1,160	239	4.76	NP	0.00	-	-

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

Benzene, toluene, ethlybenzene, 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 4/08/04, 7/10/03 & 11/14/02, BTEX and MTBE done by 8260B

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

DATE SAMPLED	OXYGENATES				1,2-Dichloroethane (ug/L)
	Di-Isopropyl Ether (DIE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	
<b>MONITORING WELL # MW-1</b>					
11/14/02	<0.2	<0.12	<0.16	<10	<0.13
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-
10/20/03	-	-	-	-	-
01/14/04	-	-	-	-	-
04/08/04	-	-	-	-	-
<b>MONITORING WELL # MW-2</b>					
11/14/02	<2.0	<1.2	111	341	<1.3
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<2.9	<1.7	59	449	-
10/20/03	-	-	-	-	-
01/14/04	WELL ABANDONED 01/2004				
<b>MONITORING WELL # MW-3</b>					
11/14/02	<0.2	<0.12	<0.16	<10	<0.13
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-
10/20/03	-	-	-	-	-
01/14/04	-	-	-	-	-
04/08/04	-	-	-	-	-
<b>MONITORING WELL # MW-4</b>					
11/14/02	<2.0	<1.2	106	281	<1.3
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<2.9	<1.7	35	<100	-
10/20/03	-	-	-	-	-
01/14/04	WELL ABANDONED 01/2004				
<b>MONITORING WELL # MW-5</b>					
11/14/02	<0.2	<0.12	<0.16	<10	<0.13
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-
10/20/03	-	-	-	-	-
01/14/04	-	-	-	-	-
04/08/04	-	-	-	-	-
<b>MONITORING WELL # MW-6</b>					
11/14/02	<0.2	<0.12	<0.16	<10	<0.13
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<0.29	<0.17	2.1	38	-
10/20/03	-	-	-	-	-

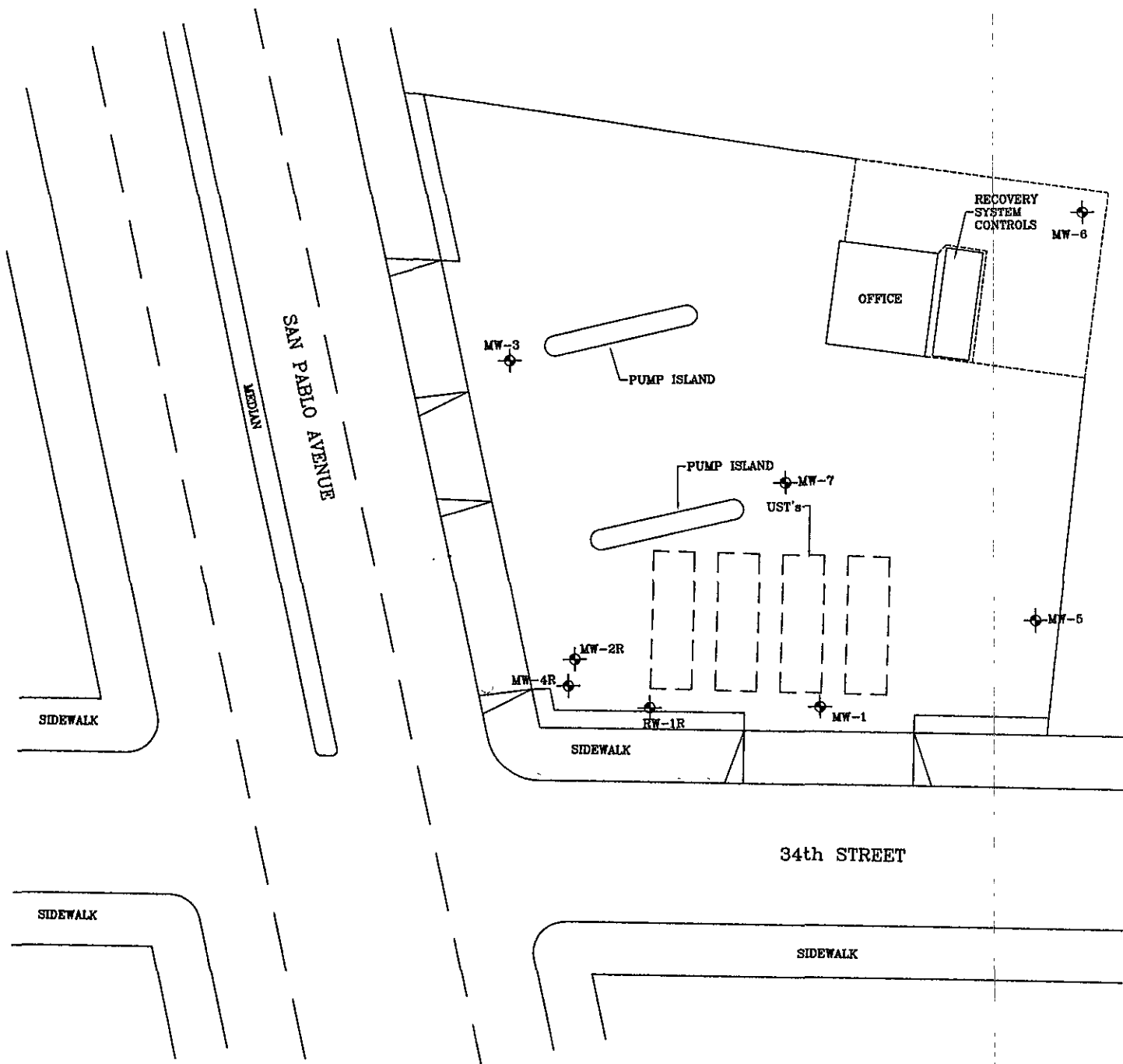


**TABLE 2**  
**ADDITIONAL GROUNDWATER DATA**  
**THRIFTY OIL STATION # 049, OAKLAND, CA.**




DATE SAMPLED	OXYGENATES				1,2-Dichloroethane (ug/L)
	Di-Isopropyl Ether (DIE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	
01/14/04	-	-	-	-	-
04/08/04	-	-	-	-	-
<b>MONITORING WELL # MW-7</b>					
11/14/02	<0.2	<0.12	<0.16	<10	<0.13
01/29/03	-	-	-	-	-
04/23/03	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-
10/20/03	-	-	-	-	-
01/14/04	-	-	-	-	-
04/08/04	-	-	-	-	-

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

# ***FIGURES***

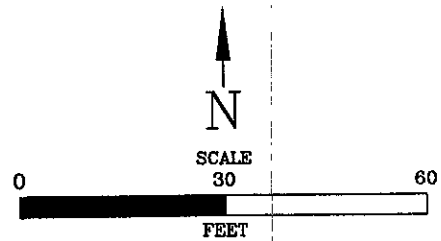


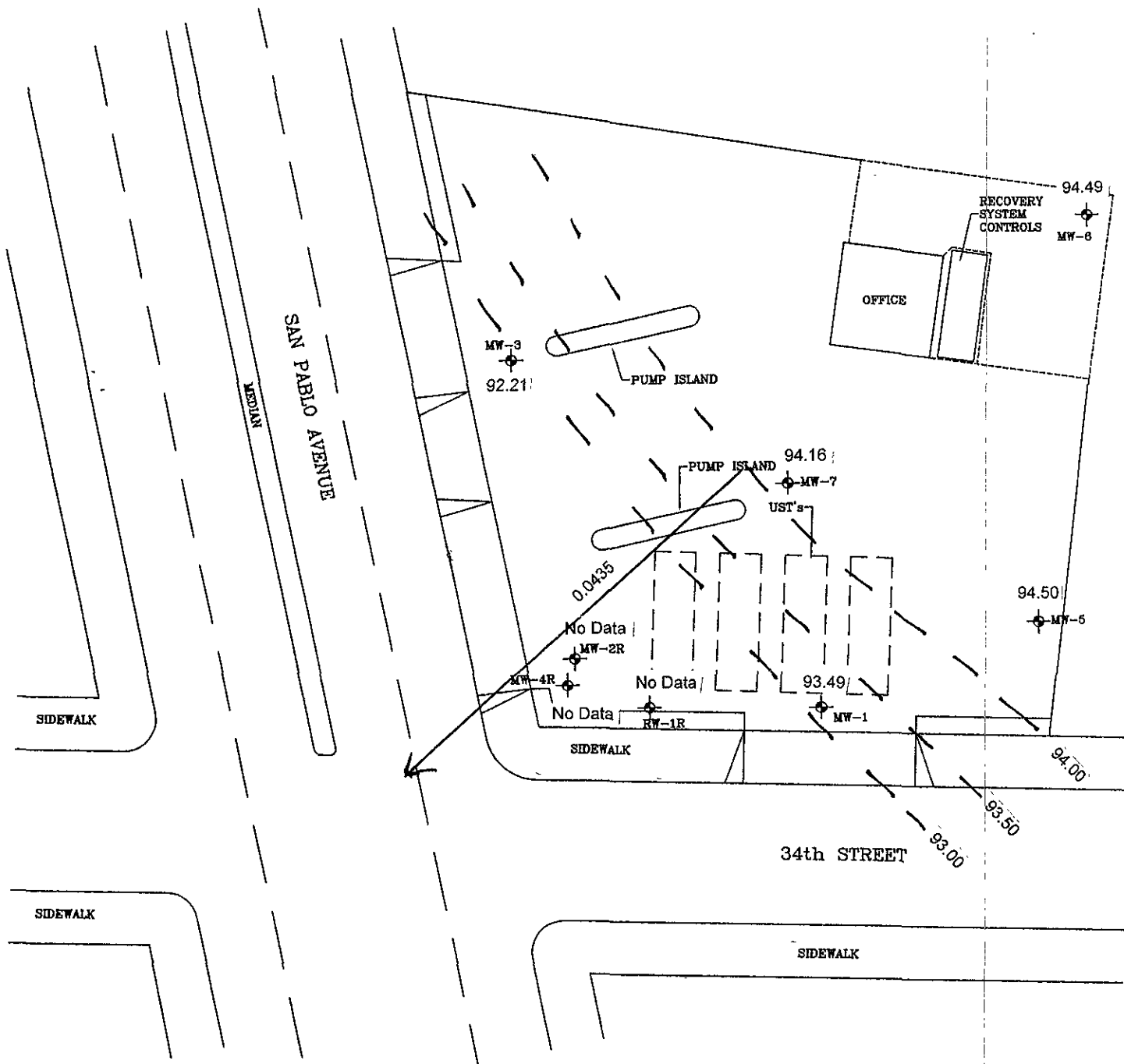
**LEGEND**

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

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

FIGURE:  
 1





**LEGEND**

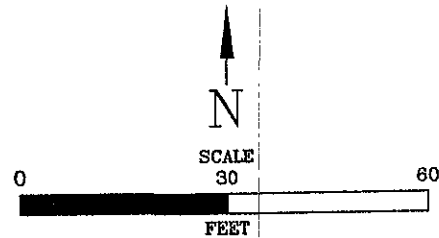
- MW-4R RECOVERY WELL LOCATION Data Collected 4/8/2004
- MW-1 MONITORING WELL LOCATION Datum is Mean Sea Level

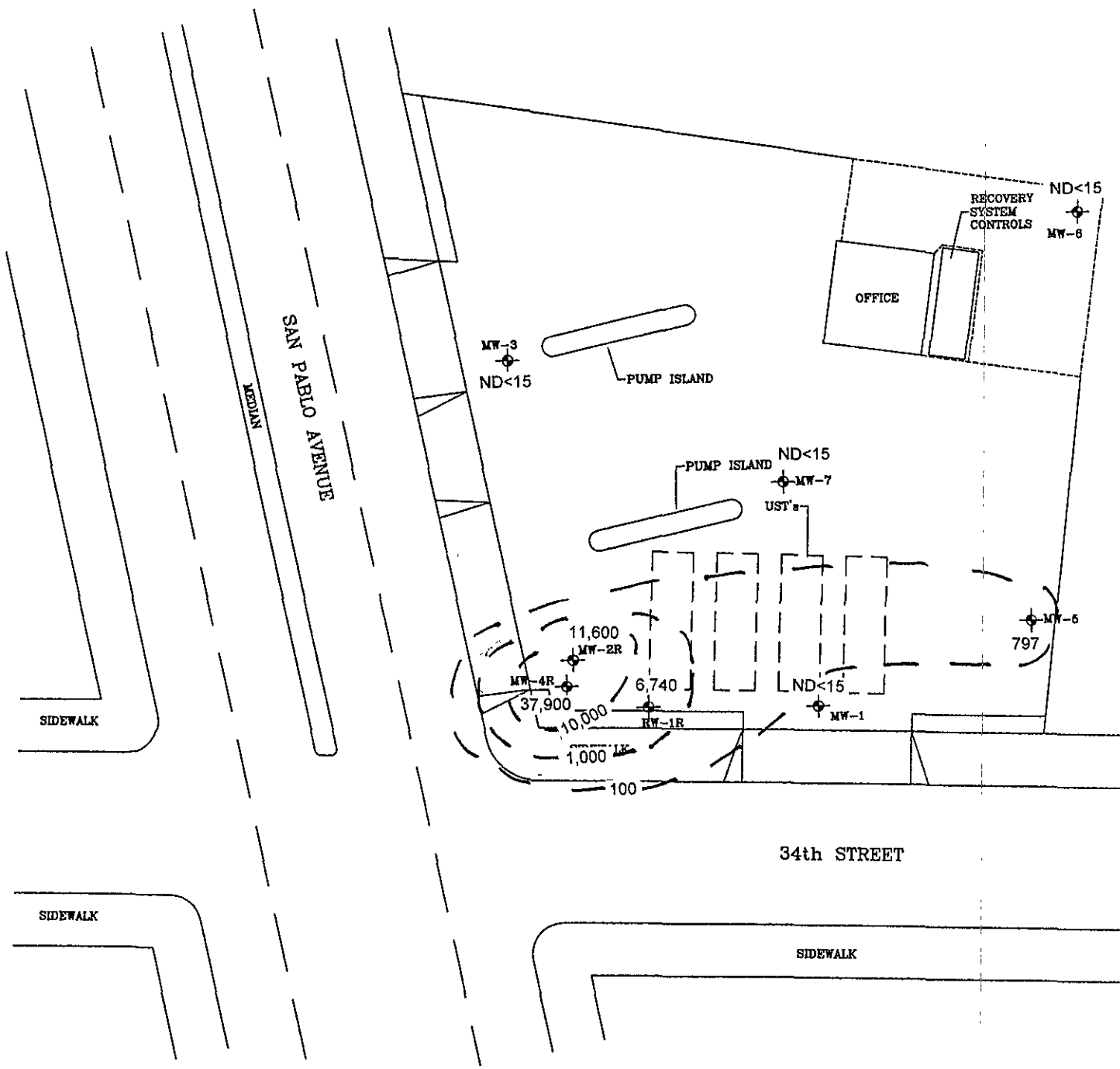
**GROUNDWATER CONTOURS**

THRIFTY OIL #049  
 3400 SAN PABLO AVE  
 OAKLAND, CALIFORNIA

FIGURE:

2

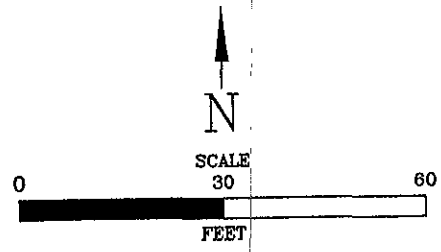


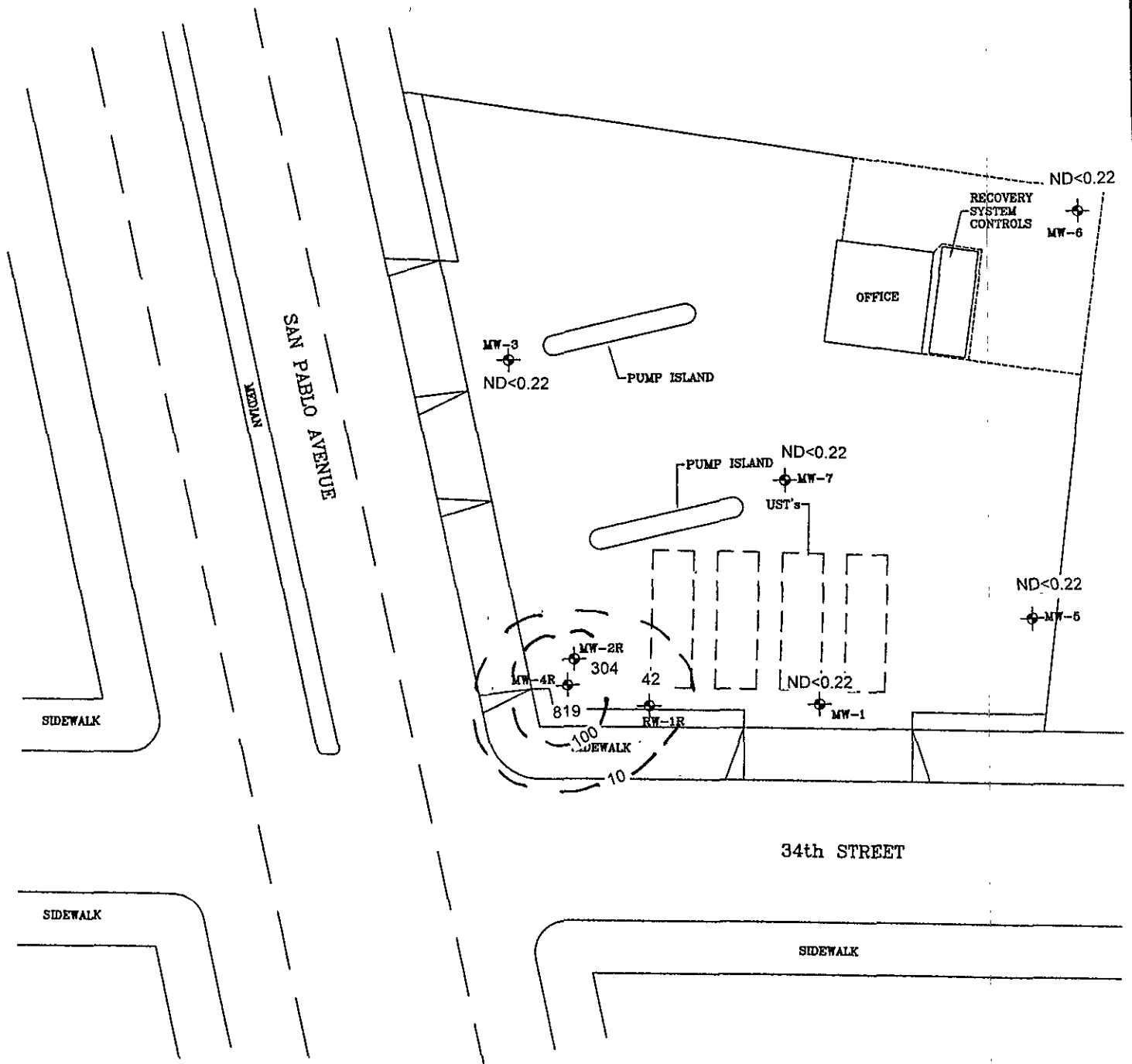


**LEGEND**

- MW-4R RECOVERY WELL LOCATION      Samples Collected 4/8/2004
- MW-1 MONITORING WELL LOCATION      Results in ug/L

<p style="text-align: center;"><b>TPHg in GROUNDWATER</b></p> <p style="text-align: center;">THRIFTY OIL #049 3400 SAN PABLO AVE OAKLAND, CALIFORNIA</p>	<p>FIGURE:</p> <p style="text-align: center; font-size: 2em;">3</p>
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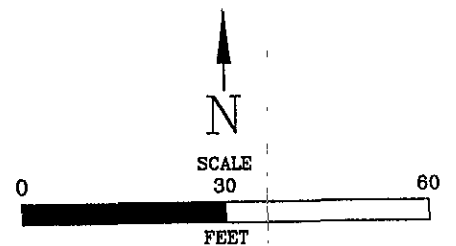
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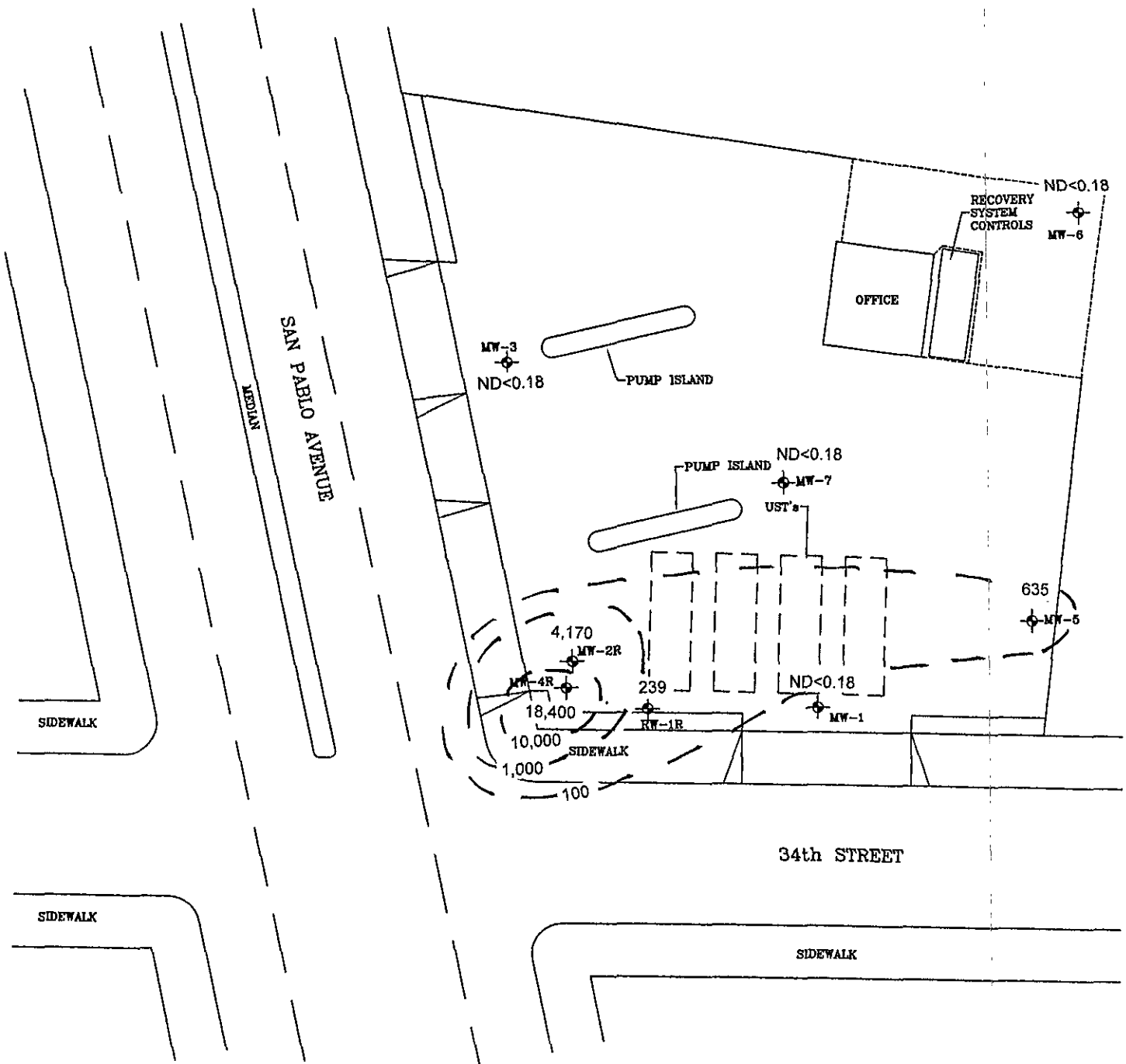
- MW-4R RECOVERY WELL LOCATION      Samples Collected 4/8/2004
- MW-1 MONITORING WELL LOCATION      Results in ug/L

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

FIGURE:

4



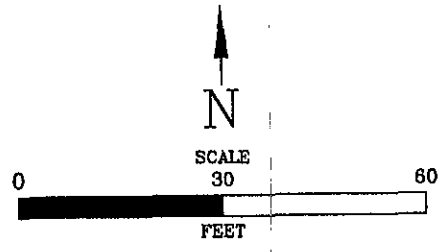


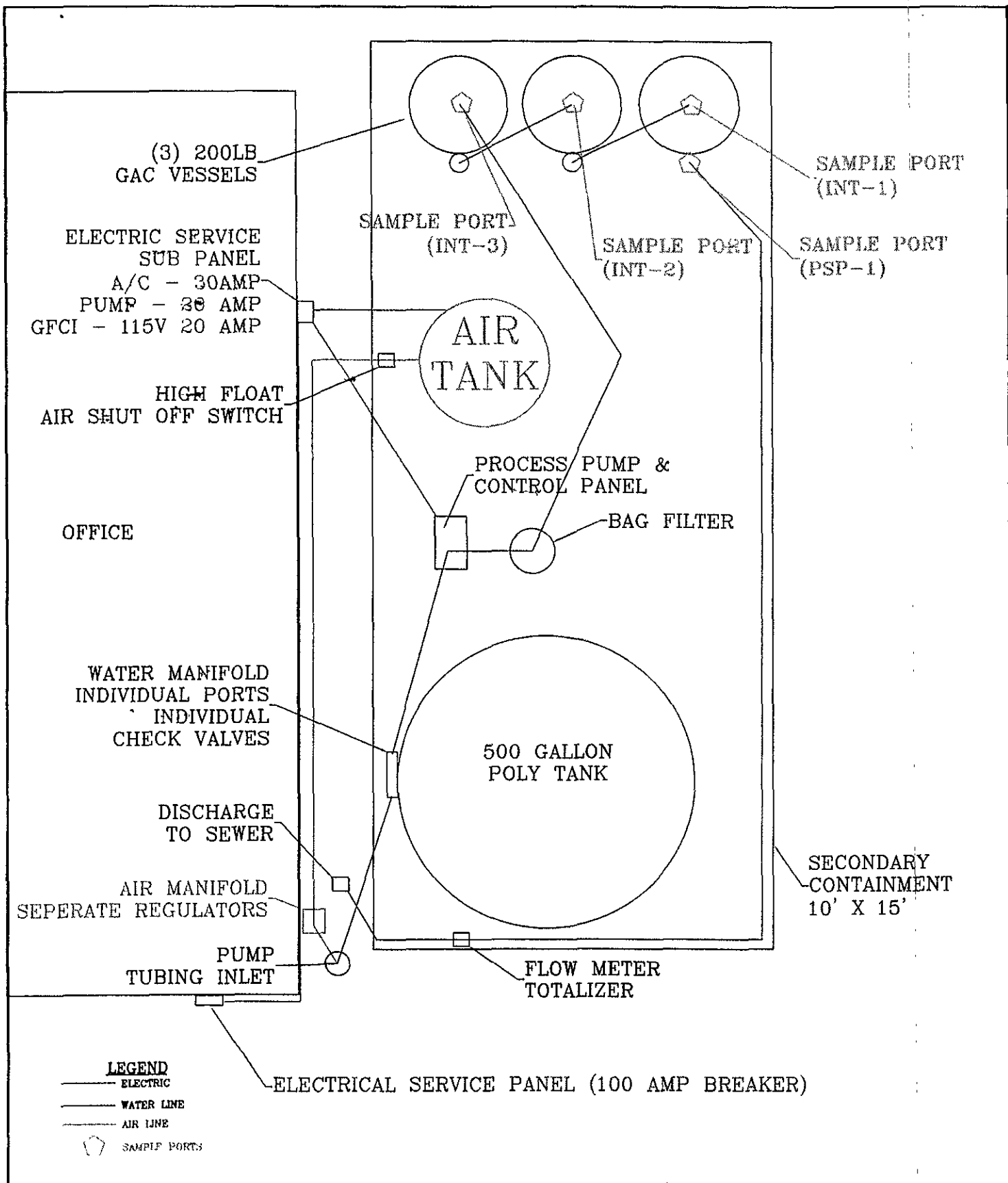
**LEGEND**

- MW-4R RECOVERY WELL LOCATION    Samples Collected 4/8/2004
- MW-1 MONITORING WELL LOCATION    Results in ug/L

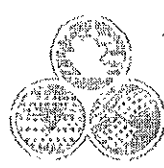
**MTBE in GROUNDWATER**  
 THRIFTY OIL #049  
 3400 SAN PABLO AVE  
 OAKLAND, CALIFORNIA

FIGURE:  
 5





**REMEDICATION SYSTEM LAYOUT**  
 THRIFTY OIL STATION #049  
 3400 SAN PABLO AVENUE  
 OAKLAND, CALIFORNIA



*Advanced*  
 GeoEnvironmental, Inc

PROJECT NO. AGE-NC-03-1049	FILE: Thrifty49-6	FIGURE: 6
DATE: 26 MAY 2004	DRAWN BY: MAC	



***APPENDIX A***



**PROJECT STATUS REPORT**

SITE: THRIFTY OIL CO. #049  
 ADDR: 3400 SAN PABLO AVENUE  
OAKLAND, CA.

DATE: 04-08-04

PERSON: SERBAN,

OBSERVATION WELLS

WELL ID	DTP (FT)	DTW (FT)	DTB (FT)	PT (FT)	DIA (IN)	PURGE (GAL)	ODORS			FP		COMMENT
							Y	N	S	Y	N	
M O N T H L Y												
MW-1		4.54	13.74		2"	10					✓	
MW-2R		4.58	16.74		4"	35	X				✓	
MW-3		5.48	24.13		2"	12	X				✓	
MW-4R		4.96	14.62		4"	38	X				✓	
MW-5		4.35	13.76		2"	10	X				✓	
MW-6		5.18	13.06		2"	10	X				✓	
MW-7		4.86	13.56		4"	23	X				✓	
RW-1R		4.76	19.08		4"	37	X				✓	

FREE PRODUCT REMOVED: APPROX        GALLONS      WATER REMOVED: APPROX 145 GALLONS

REMARKS: HITZ. I PURGE WATER FROM FEW WELLS I FIND OUT ONE DRUM WAS LEAKING IN THE BOTTOM I MUST GO TO PICKUP 2 MORE DRUMS TO BE SURE I CAN FINISH THIS JOB = I FINISH SAMPLING AROUND 12:00 O'CLOCK -

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	04-08-04
Address:			
Personnel:	SERBAZI	Weather:	SUNNY DAY
Well No:	MW-1	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	17.74	Well Diameter	2"
Depth to Water (ft)	4.54	Est. Purge Volume:	8

Sampling Data:						
Time	Initial Turbidity:			Final Turbidity:		
		10:10	10:12	10:14	10:17	10:20
EC	1530	1520	1540	1520	1530	
pH	6.34	6.36	6.42	6.40	6.36	
Temp	72.3	72.1	72.1	71.9	71.7	
Gal.	1	3	4	6	8	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	8.10
Total Well Depth(ft.)	17.74

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 049	Date: 04-08-04
Address:	
Personnel: SERBAN	Weather: SUNNY DAY
Well No: MW-2R	Equip: BAILER

Before Purging:			
Total Well Depth: (ft.)	16.74	Well Diameter	4"
Depth to Water (ft)	4.58	Est. Purge Volume:	32

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	13:20	13:28	13:35	13:43	13:50	
EC	1490	1810	1790	1770	1790	
pH	6.09	6.11	6.13	6.08	6.09	
Temp	72.4	72.3	72.4	72.1	72.1	
Gal.	6	12	19	25	32	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	8.14
Total Well Depth (ft.)	16.74

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	04-08-04
Address:			
Personnel:	SERRA, Y	Weather:	SUNNY DAY
Well No:	MW-3	Equip:	BATLER

Before Purging:			
Total Well Depth: (ft.)	24.13	Well Diameter	2"
Depth to Water (ft)	5.48	Est. Purge Volume:	12

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	11:37	11:40	11:43	11:46	11:50	
EC	1680	1710	1720	1730	1720	
pH	5.16	5.62	5.60	5.61	5.62	
Temp	72.1	71.9	71.7	71.6	71.4	
Gal.	2	4	7	9	12	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	9.10
Total Well Depth(ft.)	24.13

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	04-08-04
Address:			
Personnel:	SERBAN,	Weather:	SUNNY DAY
Well No:	MW-4R	Equip:	BAPLER

Before Purging:			
Total Well Depth: (ft.)	19.62	Well Diameter	4"
Depth to Water (ft)	4.96	Est. Purge Volume:	38

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	13:55	14:05	14:12	14:21	14:30	
EC	1730	1710	1740	1720	1760	
pH	6.05	5.98	5.93	5.91	5.91	
Temp	73.2	73.1	72.9	72.8	72.9	
Gal.	7	15	22	30	38	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	8.17
Total Well Depth(ft.)	19.62

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	04-08-04
Address:			
Personnel:	SERBAN, _____	Weather:	SUNNY DAY
Well No:	MW-6	Equip:	BATLER

Before Purging:			
Total Well Depth (ft.)	13.06	Well Diameter	2"
Depth to Water (ft)	5.18	Est. Purge Volume:	10

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	11:18	11:21	11:24	11:27	11:30		
EC	1730	1750	1740	1730	1720		
pH	5.73	5.83	5.73	5.76	5.73		
Temp	72.1	71.9	71.8	71.9	71.7		
Gal.	2	4	6	8	10		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	7.11
Total Well Depth (ft.)	13.06

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 049	Date:	04-08-04
Address:			
Personnel:	SERBAZ	Weather:	SUNNY DAY
Well No:	MW-7	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.56	Well Diameter	4"
Depth to Water (ft)	4.86	Est. Purge Volume:	23

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	10:39	10:45	10:49	10:54	11:00	
EC	1810	1830	1820	1850	1820	
pH	6.63	6.71	6.69	6.63	6.64	
Temp	72.4	72.3	72.1	72.2	72.1	
Gal.	4	9	13	18	23	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	7.06
Total Well Depth (ft.)	13.56



FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	H 044	Date:	04-08-04
Address:			
Personnel:	SERBATA	Weather:	SUNNY DAY
Well No:	MW-5	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	13.76	Well Diameter	24
Depth to Water (ft)	4.35	Est. Purge Volume:	10

Sampling Data:						
Initial Turbidity:			Final Turbidity:			
Time	9:50	9:52	9:55	9:57	10:00	
EC	1840	1860	1880	1840	1830	
pH	5.83	5.74	5.81	5.81	5.83	
Temp	73.1	72.9	72.7	72.8	72.7	
Gal.	2	4	6	8	10	
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection	
Depth to Water (ft.)	6.06
Total Well Depth(ft.)	13.76

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 044	Date:	04-08-04
Address:			
Personnel:	SFRANK	Weather:	SUNNY DAY
Well No:	RW-1R	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	19.08	Well Diameter	44
Depth to Water (ft)	4.76	Est. Purge Volume:	37

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	14:38	14:46	14:55	15:02	15:10		
EC	840	920	940	910	920		
pH	6.18	6.21	6.23	6.21	6.20		
Temp	72.3	72.2	72.3	72.4	72.5		
Gal.	7	14	22	29	37		
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	8.09
Total Well Depth(ft).	19.08

***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 127609

REPORTED 04/22/2004

RECEIVED 04/13/2004

PROJECT Station #049  
3400 San Pablo Ave., Oakland

SUBMITTER Client

COMMENTS Global ID: T0600101366

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.

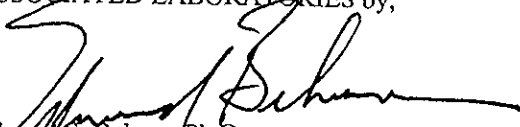
Client Sample Identification

512256  
512257  
512258  
512259  
512260  
512261  
512262  
512263  
512264  
512265

TOC #049, MW-5  
TOC #049, MW-1  
TOC #049, MW-7  
TOC #049, MW-6  
TOC #049, MW-3  
TOC #049, MW-2R  
TOC #049, MW-4R  
TOC #049, RW-1R  
TOC #049, Trip Blank  
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 #: 512256

Client Sample ID: TOC #049, MW-5

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/16/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	635	1	1	0.18	ug/L	04/16/04 LB
Toluene	ND	1	5	0.32	ug/L	04/16/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	797	1	50	15	ug/L	04/14/04 LZ

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



Order #: 512257

Client Sample ID: TOC #049, MW-1

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/16/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	04/16/04 LB
Toluene	ND	1	5	0.32	ug/L	04/16/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	ND	1	50	15	ug/L	04/14/04 LZ

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



Order #: 512258

Client Sample ID. TOC #049, MW-7

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/16/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	04/16/04 LB
Toluene	ND	1	5	0.32	ug/L	04/16/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	ND	1	50	15	ug/L	04/14/04 LZ

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



Order #: 512259

Client Sample ID: TOC #049, MW-6

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:30

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

Benzene	ND	1	1	0.22	ug/L	04/16/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	04/16/04 LB
Toluene	ND	1	5	0.32	ug/L	04/16/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/16/04 LB

8015M - Gasoline

Gasoline	ND	1	50	15	ug/L	04/14/04 LZ
----------	----	---	----	----	------	-------------

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





Order #: 512260

Client Sample ID TOC #049, MW-3

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/16/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	04/16/04 LB
Toluene	ND	1	5	0.32	ug/L	04/16/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	ND	1	50	15	ug/L	04/14/04 LZ

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



Order #: 512261

Client Sample ID: TOC #049, MW-2R

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 17:50

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	304	10	10.0	0.22	ug/L	04/16/04 LB
Ethyl benzene	55	10	50.0	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	4170	10	10.0	0.18	ug/L	04/16/04 LB
Toluene	16 J	10	50.0	0.32	ug/L	04/16/04 LB
Xylenes, total	427	10	50.0	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	11600	10	500.0	15	ug/L	04/14/04 LZ

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



Order #: 512262

Client Sample ID: TOC #049, MW-4R

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 18:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	819	10	10.0	0.22	ug/L	04/16/04 LB
Ethyl benzene	159	10	50.0	0.31	ug/L	04/16/04 LB
Methyl-tert-butylether (MTBE)	18400	100	100.0	0.18	ug/L	04/17/04 LB
Toluene	424	10	50.0	0.32	ug/L	04/16/04 LB
Xylenes, total	3190	10	50.0	0.4	ug/L	04/16/04 LB
<b>8015M - Gasoline</b>						
Gasoline	37900	10	500.0	15	ug/L	04/14/04 LZ

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



Order #: 512263

Client Sample ID TOC #049, RW-1R

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 18:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	42	10	10.0	0.22	ug/L	04/17/04 LB
Ethyl benzene	ND	10	50.0	0.31	ug/L	04/17/04 LB
Methyl-tert-butylether (MTBE)	239	10	10.0	0.18	ug/L	04/17/04 LB
Toluene	32 J	10	50.0	0.32	ug/L	04/17/04 LB
Xylenes, total	1160	10	50.0	0.4	ug/L	04/17/04 LB
<b>8015M - Gasoline</b>						
Gasoline	6740	10	500.0	15	ug/L	04/14/04 LZ

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



Order #: 512264

Client Sample ID: TOC #049, Trip Blank

Matrix: WATER

Date Sampled: 04/08/2004

Time Sampled: 00:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/20/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/20/04 LB
Toluene	ND	1	5	0.32	ug/L	04/20/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/20/04 LB
<b>8015M - Gasoline</b>						
Gasoline	ND	1	50	15	ug/L	04/14/04 LZ

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



Order #: 512265

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>						
Benzene	ND	1	1	0.22	ug/L	04/15/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	04/15/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	04/15/04 LB
Toluene	ND	1	5	0.32	ug/L	04/15/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	04/15/04 LB
<b>8015M - Gasoline</b>						
Gasoline	ND	1	50	15	ug/L	04/14/04 LZ

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



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

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 04/20/04

Applies to: LR 127609, 127909, 127829

Reporting Units = ug/L

**Lab Controlled Spike / Lab Controlled Spike Duplicate**

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	54.98	56.21	110	112	2	22	59-172
MTBE	ND	50	40.81	43.13	82	86	6	24	62-137
Benzene	ND	50	43.69	44.46	87	89	2	24	62-137
Trichloroethene	ND	50	47.91	49.39	96	99	3	21	66-142
Toluene	ND	50	48.48	49.99	97	100	3	21	59-139
Chlorobenzene	ND	50	47.19	48.85	94	98	3	21	60-133

Method Blank = All ND

**SURROGATE ( QC Limits : 70-135 )**

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	105	93	96	104
LCSD	107	103	98	104
BLANK # 1	106	112	99	104

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

QC Sample: LCS/LCSD - Water Samples  
 Analysis Date: 04/16/04  
 Applies to: LR 127591, 127609, 127600, 127685, 127777

Reporting Units = ug/L

**Lab Controlled Spike / Lab Controlled Spike Duplicate**

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	52.42	54.31	105	109	4	22	59-172
MTBE	ND	50	48.92	49.91	98	100	2	24	62-137
Benzene	ND	50	50.16	51.75	100	104	3	24	62-137
Trichloroethene	ND	50	51.84	52.09	104	104	0	21	66-142
Toluene	ND	50	51.29	49.71	103	99	3	21	59-139
Chlorobenzene	ND	50	50.84	50.41	102	101	1	21	60-133

Method Blank = All ND

**SURROGATE ( QC Limits : 70-135 )**

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	100	106	101	101
LCSD	103	106	99	102
BLANK # 1	105	127	100	104
BLANK # 2	103	119	101	105



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

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 04/15/04

Applies to: LR 127591, 127609

Reporting Units = ug/L

**Lab Controlled Spike / Lab Controlled Spike Duplicate**

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	47.22	47.00	94	94	0	22	59-172
MTBE	ND	50	43.69	42.29	87	85	3	24	62-137
Benzene	ND	50	45.37	44.53	91	89	2	24	62-137
Trichloroethene	ND	50	46.34	43.47	93	87	6	21	66-142
Toluene	ND	50	45.66	44.01	91	88	4	21	59-139
Chlorobenzene	ND	50	44.77	44.16	90	88	1	21	60-133

Method Blank = All ND

**SURROGATE ( QC Limits : 70-135 )**

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	101	104	103	102
LCSD	100	106	100	104
BLANK # 1	102	120	102	102
BLANK # 2	104	114	107	108

**ASSOCIATED LABORATORIES  
QA REPORT FORM**

QC Sample: LCS / LCSD  
 Matrix: WATER  
 Prep. Date: 04/14/04  
 Analysis Date: 04/14/04-04/15/04  
 ID#'s in Batch: LR 127609, 127601

Reporting Units = ug/L

**PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS**

		PREP BLK						
		Value	Result	True	%Rec	L.Limit	H.Limit	
Test	Method	LCS	ND	456	500	91	80%	120%
TPH	8015M-G	LCSD	ND	440	500	88	80%	120%

*LCS Result = Lab Control Sample Result*  
*True = True Value of LCS*  
*L.Limit / H.Limit = LCS Control Limits*

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	107
LCS	166
LCSD	157

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

# Chain of Custody Record



Company <b>THRIFTY OIL CO.</b>		Phone <b>(562) 921-3581</b>		A.L. Job No. <b>127609</b>		Page _____ of _____								
Project Manager <b>JEFF SURYAKUSUMA</b>		Fax <b>(562) 921-7510</b>		<b>Analysis Requested</b>				<b>Test Instructions &amp; Comments</b>						
Project Name <b>Q.W.S.</b>		Project # <b>T0600101366</b>												
Site Name and Address <b>3400 SAN PABLO AVE OAKLAND, CA. 94612</b>		Project # <b># 049</b>		TPH (2015M)   BTX (8260B)   MTBE (8260B)										
Sample ID	Lab ID	Date	Time									Matrix	Container Number/Size	Pres.
1 MW-5 ✓		04-08-04	17:10									H <sub>2</sub> O	3-VOA	HCL
2 MW-1 ✓		↑	17:15									↑	↑	↑
3 MW-7 ✓			17:20											
4 MW-6 ✓			17:30											
5 MW-3 ✓			17:40											
6 MW-2R ✓			17:50											
7 MW-4R ✓			18:00											
8 RW-1R ✓			18:10											
9 TRIP BLANK ✓		↓	00:00									↓	2-VOA	HCL
10														
11														
12														
13														
14														
15														

Sample Receipt - To Be Filled By Laboratory				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers <b>29</b>		Property Cooled <input checked="" type="checkbox"/> Y / N / NA		Sampler: <b>EMC</b>		Signature: <b>GOLDEN STATE</b>		Signature:	
Custody Seals Y / N / NA		Samples Intact <input checked="" type="checkbox"/> Y / N / NA		Signature: <i>[Signature]</i>		Signature: <b>OVERNIGHT</b>		Signature:	
Received in Good Condition <input checked="" type="checkbox"/> Y / N		Samples Accepted <input checked="" type="checkbox"/> Y / N		Printed Name: <b>SERBIA PUPESCU</b>		Printed Name:		Printed Name:	
Turn Around Time				Date: <b>04-12-04</b> Time: <b>17:30</b>		Date: _____ Time: _____		Date: _____ Time: _____	
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Received By: <b>GOLDEN STATE</b>		Received By: _____		Received By: _____	
				Signature: <b>OVERNIGHT</b>		Signature: <i>[Signature]</i>		Signature:	
				Printed Name: _____		Printed Name: <b>DUONG W</b>		Printed Name:	
				Date: _____ Time: _____		Date: <b>4/13</b> Time: <b>9:30</b>		Date: _____ Time: _____	

***APPENDIX C***



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

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

LAB REQUEST 130145 ✓

REPORTED 06/01/2004

RECEIVED 06/01/2004

PROJECT Station #049 ✓

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.  
524527  
524528

✓  
Client Sample Identification  
TOC #049 PSP-1 Outlet  
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 #: 524527

Client Sample ID: TOC #049 PSP-1 Outlet

Matrix: WATER

Date Sampled: 05/28/2004 Time Sampled: 15:16

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.14	ug/L	06/01/04 LZ
Ethyl benzene	ND	1	0.3	0.18	ug/L	06/01/04 LZ
Toluene	ND	1	0.3	0.16	ug/L	06/01/04 LZ
Xylene (total)	ND	1	0.6	0.45	ug/L	06/01/04 LZ
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Trifluorotoluene (sur)	98				%	55 - 155

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



Order #: 524528

Client Sample ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
<b>8021B BTEX</b>						
Benzene	ND	1	0.3	0.14	ug/L	06/01/04 LZ
Ethyl benzene	ND	1	0.3	0.18	ug/L	06/01/04 LZ
Toluene	ND	1	0.3	0.16	ug/L	06/01/04 LZ
Xylene (total)	ND	1	0.6	0.45	ug/L	06/01/04 LZ
<b>Surrogates</b>					<b>Units</b>	<b>Control Limits</b>
Trifluorotoluene (sur)	97				%	55 - 155

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: June 1, 2004  
 Analysis Date: June 01, 02, 2004  
 LAB ID#'s in Batch: LR 129805, 130145

REPORTING UNITS = ug/L

**PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS**

Test	Method	PREP. BLK	LCS			LCSD	
		Value	Result	TRUE	%Rec	Result	%Rec
Benzene	8021	ND	20.80	20	104	21.30	107
Toluene	8021	ND	19.80	20	99	20.00	100
Ethylbenzene	8021	ND	20.50	20	103	20.20	101
Xylenes	8021	ND	60.70	60	101	59.50	99

*LCS = Lab Control Sample Result*

*TRUE = True Value of LCS*

*L.LIMIT / H.LIMIT = LCS Control Limits*

<i>L.Limit</i>	<i>H.Limit</i>
80%	120%

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	95
LCS	101
LCSD	108

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





Advanced  
GeoEnvironmental, Inc.

837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 5-28-04 Page 1 of 1

130145V

Client <u>Thrifty Oil Co</u>	Project Manager <u>Mike Bowery</u>	Tests Required
	Phone Number <u>562-921-3581 x 404</u>	Invoice: AGE <input type="checkbox"/> Client <input checked="" type="checkbox"/>
	Samplers: (Signature) <u>[Signature]</u>	
Project Name <u>Thrifty Station #049</u>	BTEX by 80216	

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes
				Water		Air			
				Comp.	Grab.				
<u>PSP-1</u>	<u>Outlet</u>	<u>5-28-04</u>	<u>1516</u>		<u>X</u>		<u>3</u>	<u>X</u>	

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u> 6/1/04	24hr Turnaround Need Results 06-01-04	Date/Time <u>5-28-04/1630</u>
Relinquished by: (Signature)	Received by: (Signature)		Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)		Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time

Method of Shipment: <u>Fed Ex</u>	Laboratory Name: <u>Associated</u>
Special Instructions:	I hereby authorize the performance of the above indicated work. <u>[Signature]</u>



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

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

LAB REQUEST 131409 ✓

REPORTED 06/28/2004

RECEIVED 06/23/2004

PROJECT Station #049 ✓

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.


531036  
531037

Client Sample Identification

TOC #049, PSP-1/062104  
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 #: 531036

Client Sample ID. TOC #049, PSP-1/062104

Matrix: WATER

Date Sampled: 06/21/2004 Time Sampled: 13:46

Analyte	Result	DF	PQL	MDL Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>					
Benzene	ND	1	1	0.22 ug/L	06/26/04 DP
Ethyl benzene	ND	1	5	0.31 ug/L	06/26/04 DP
Toluene	ND	1	5	0.32 ug/L	06/26/04 DP
Xylenes, total	ND	1	5	0.4 ug/L	06/26/04 DP

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



Order #: 531037

Client Sample ID. Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL Units	Date/Analyst
<b>8260B BTEX/MTBE Only</b>					
Benzene	ND	1	1	0.22 ug/L	06/26/04 DP
Ethyl benzene	ND	1	5	0.31 ug/L	06/26/04 DP
Toluene	ND	1	5	0.32 ug/L	06/26/04 DP
Xylenes, total	ND	1	5	0.4 ug/L	06/26/04 DP

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



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

QC Sample: LCS/LCSD - Water Samples  
 Analysis Date: June 26, 2004 3:30 PM  
 Applies to: LR 131211, 131394, 131374, 131409, 131395  
 Reporting Units = ug/L

**Lab Controlled Spike / Lab Controlled Spike Duplicate**

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	62.75	61.18	126	122	3	22	59-172
MTBE	ND	50	58.21	52.97	116	106	9	24	62-137
Benzene	ND	50	57.76	55.07	116	110	5	24	62-137
Trichloroethene	ND	50	50.36	51.03	101	102	1	21	66-142
Toluene	ND	50	51.37	51.84	103	104	1	21	59-139
Chlorobenzene	ND	50	48.52	48.81	97	98	1	21	60-133

QC Sample: LCS # 1 9:38 PM  
 Analysis Date: June 25, 2004

**LCS RECOVERY / METHOD BLANK**

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	62.32	125	59-172
MTBE	ND	50	56.03	112	62-137
Benzene	ND	50	56.81	114	62-137
Trichloroethene	ND	50	50.62	101	66-142
Toluene	ND	50	50.30	101	59-139
Chlorobenzene	ND	50	48.58	97	60-133

QC Sample: LCS # 2 9:26 AM  
 Analysis Date: June 26, 2004

**LCS RECOVERY / METHOD BLANK**

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	61.71	123	59-172
MTBE	ND	50	55.21	110	62-137
Benzene	ND	50	56.68	113	62-137
Trichloroethene	ND	50	49.35	99	66-142
Toluene	ND	50	50.85	102	59-139
Chlorobenzene	ND	50	47.08	94	60-133

Method Blank = All ND

**SURROGATE ( QC Limits : 70-135 )**

Compound	MB 1	MB 2	MB 3	LCS 1	LCS 2	LCS	LCSD
DBFM	110	113	111	114	112	110	108
1,2-DCA	108	100	96	98	93	87	84
Tol-d8	96	95	100	94	92	93	94
p-BFB	97	99	100	96	96	96	98



ASSOCIATED LABORATORIES

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

### Cooler Receipt Form

Client: Thrifty Oil Project: IOC #4

Date Cooler Received: 6/23/04 Date Cooler Opened: 6/23/04

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: 1.0 \*

\*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: Paul Eads Date: 6/23/04



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CHAIN OF CUSTODY RECORD

Date 6-21-04 Page 1 of 1

131409 ✓

Client <u>Thrifty O.I Co.</u>	Project Manager <u>M. Ke Bowery</u>	Tests Required
	Phone Number <u>562-921-3581 x 404</u>	<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;">             BTEX by 82606           </div>
	Samplers: (Signature) <u>[Signature]</u>	
Project Name <u>Thrifty Station #049 ✓</u>		Invoice: AGE <input type="checkbox"/> Client <input checked="" type="checkbox"/>

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes									
				Water		Air												
				Comp.	Grab.													
PSP-1/062104	(EFFluent)	6-21-04	1346		X			3	X									

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>Kristen Endler</u>	Date/Time <u>6/23/04 9:15</u>	Date/Time <u>6-22-04 / 1630</u>
Relinquished by: (Signature)	Received by: (Signature)		Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)		Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time

Method of Shipment: <u>Cal overnight</u>	Laboratory Name <u>Associated</u>
Special Instructions: <u>Copy of Results to AGE (209) 467-1118</u> <u>ATTN: Chris Miller</u>	I hereby authorize the performance of the above indicated work. <u>[Signature]</u>
	<u>6-23-04 1:10</u>