

THRIFTY OIL CO.

January 17, 2001

O.10765

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay parkway, 2nd Floor
Alameda, CA 94502

2004

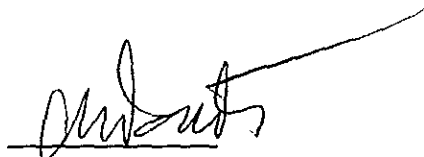
RE: **Thrifty Oil Co. Station #049**
3400 San Pablo Avenue
Oakland, CA 94612
4th Quarter 2000, Status Report

Dear Ms. Hugo:

Presented herewith is the Fourth Quarter 2000, Status Report for former Thrifty Oil Co. Station #049 located at 3400 San Pablo Avenue, Oakland, California.

If you have any questions or comments, please contact the undersigned in this report or myself at (562) 921-3581.

Sincerely,



Chris Panaitescu
General Manager
Environmental Affairs

cc: ARCO Products Company
File



THRIFTY OIL CO.

January 16, 2001

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

RE: **Former Thrifty Oil Co. Station #049**
3400 San Pablo Avenue
Oakland, CA 94612
4th Quarter 2000, Status Report

Dear Ms. Hugo:

Presented herein is the Fourth Quarter 2000, Status Report prepared for former Thrifty Oil Co. (Thrifty) Station #049 located at 3400 San Pablo Avenue, Oakland, California (**Figure 1**). Presented in this report are the results of the site monitoring and remediation efforts conducted in the Fourth Quarter 2000. 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

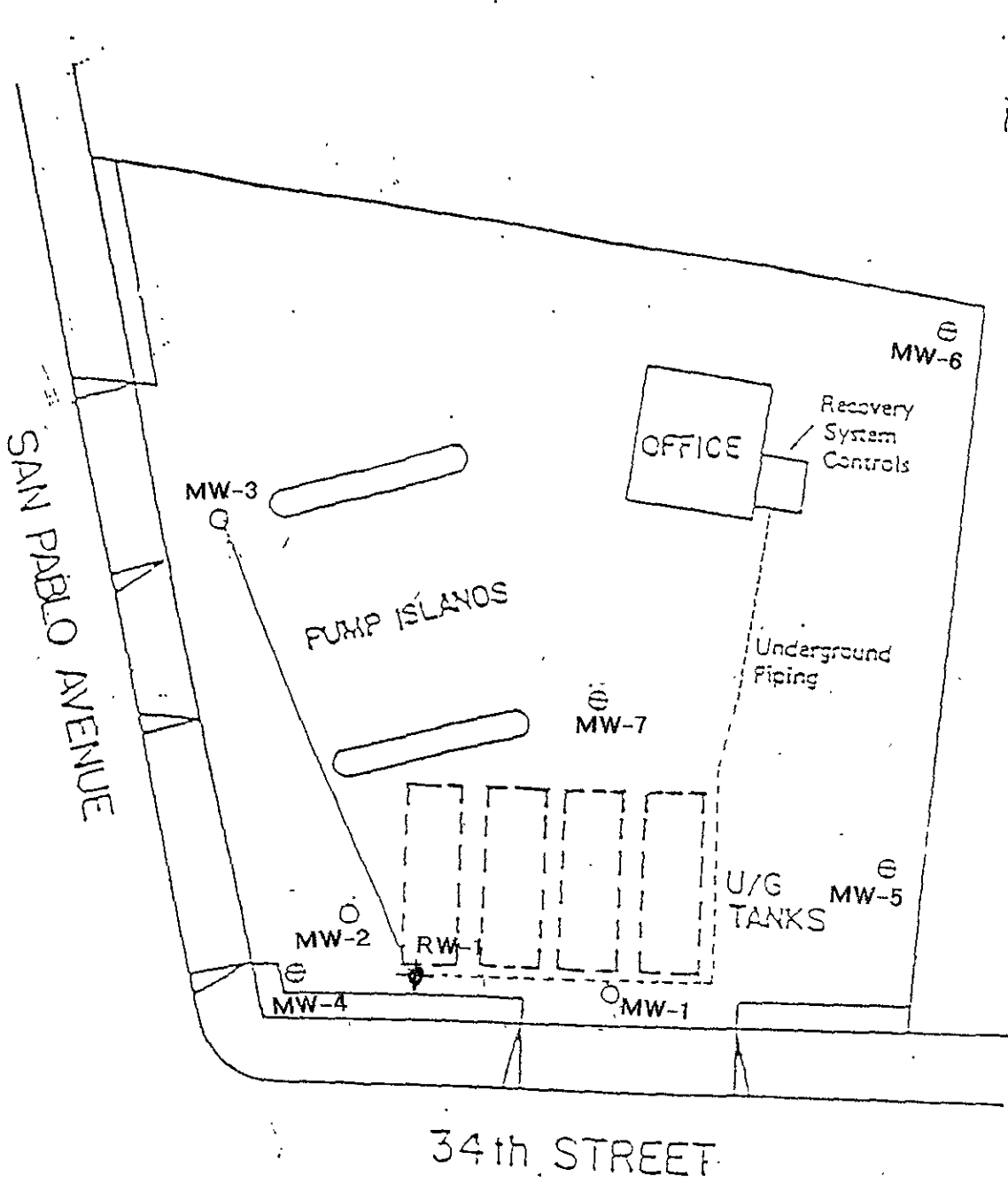
Depth to groundwater is measured in each monitoring well on a quarterly basis. In general, groundwater occurs under water table conditions beneath the station at depths ranging from 5.28 feet below surface grade (bsg) in monitoring well MW-7 to 11.14 feet bsg in recovery well RW-1 (**Appendix A**). A groundwater elevation contour map based on the October 18, 2000 data is presented in **Figure 2**. Groundwater elevation data indicates that the flow direction is radial away from a groundwater mound near well MW-7.

Quarterly Groundwater Sampling

As part of the ongoing groundwater monitoring program, groundwater samples were obtained from monitoring wells MW-1 through MW-5 and MW-7 on October 18, 2000. Monitoring well MW-6 was not sampled because the field technician did not have access to it. The ARCO company, who operates this station, was notified that Thrifty's technician needs access to this well. Groundwater samples were obtained by EMC and delivered in a chilled state following strict Chain-of-Custody procedures to a state-certified laboratory and analyzed for total petroleum hydrocarbons (TPH-g) by EPA method 8015 modified for gasoline. Volatile aromatic compounds of benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) were analyzed by EPA method 8021B; detected MTBE samples were analyzed by EPA method 8260B. A summary of historical



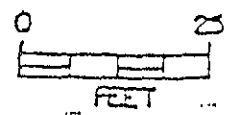
FIGURES



SITE PLAN AND RECOVERY SYSTEM LOCATION
 THRIFTY SERVICE STATION NO. 49
 3400 SAN PABLO AVE.
 OAKLAND, CA

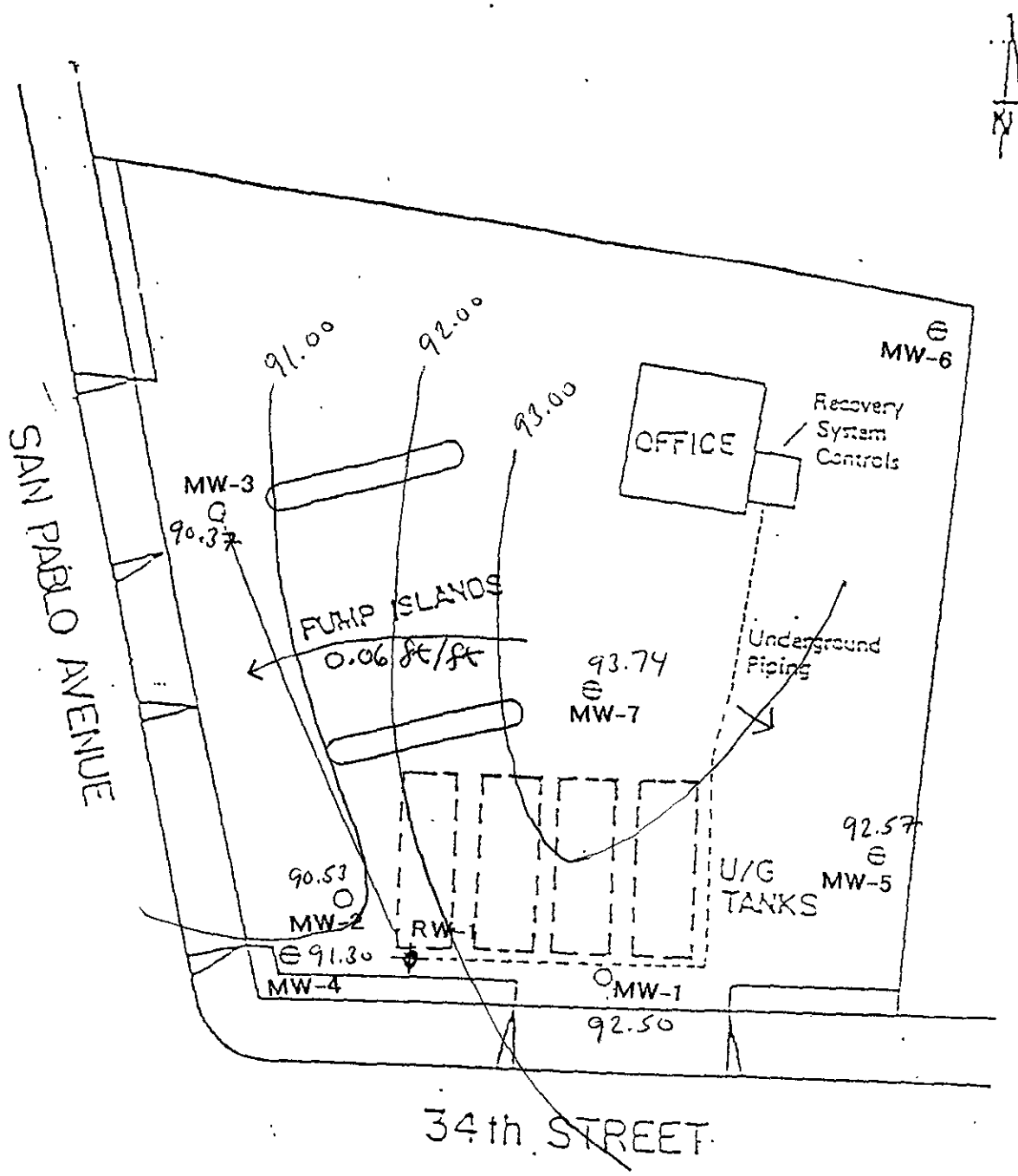
LEGEND

- MW1 - GT MONITORING WELLS
- ⊕ MW-4 - WCC MONITORING WELLS
- ⊙ RW-1 - PROPOSED RECOVERY WELL



10/18/2000

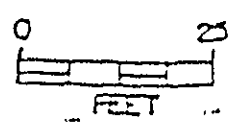
FIGURE 1



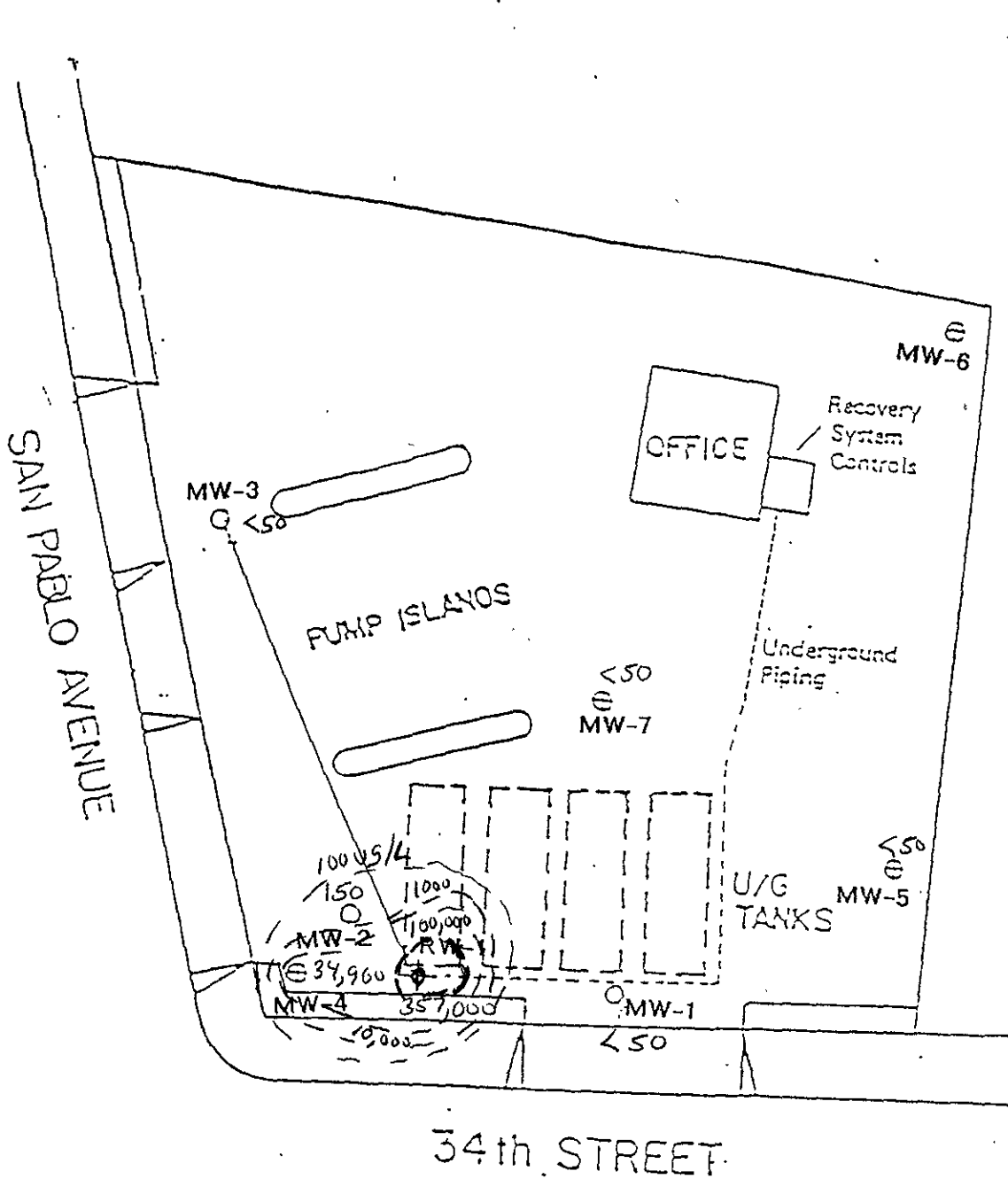
GROUNDWATER CONTOUR MAP
 THRIFTY SERVICE STATION NO. 49
 3400 SAN PABLO AVE.
 OAKLAND, CA

LEGEND

- MW1 - GT MONITORING WELLS
- ⊕ MW-4 - WCC MONITORING WELLS
- ⊕ RW-1 - PROPOSED RECOVERY WELL



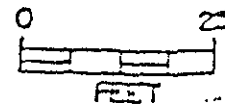
10/18/2000



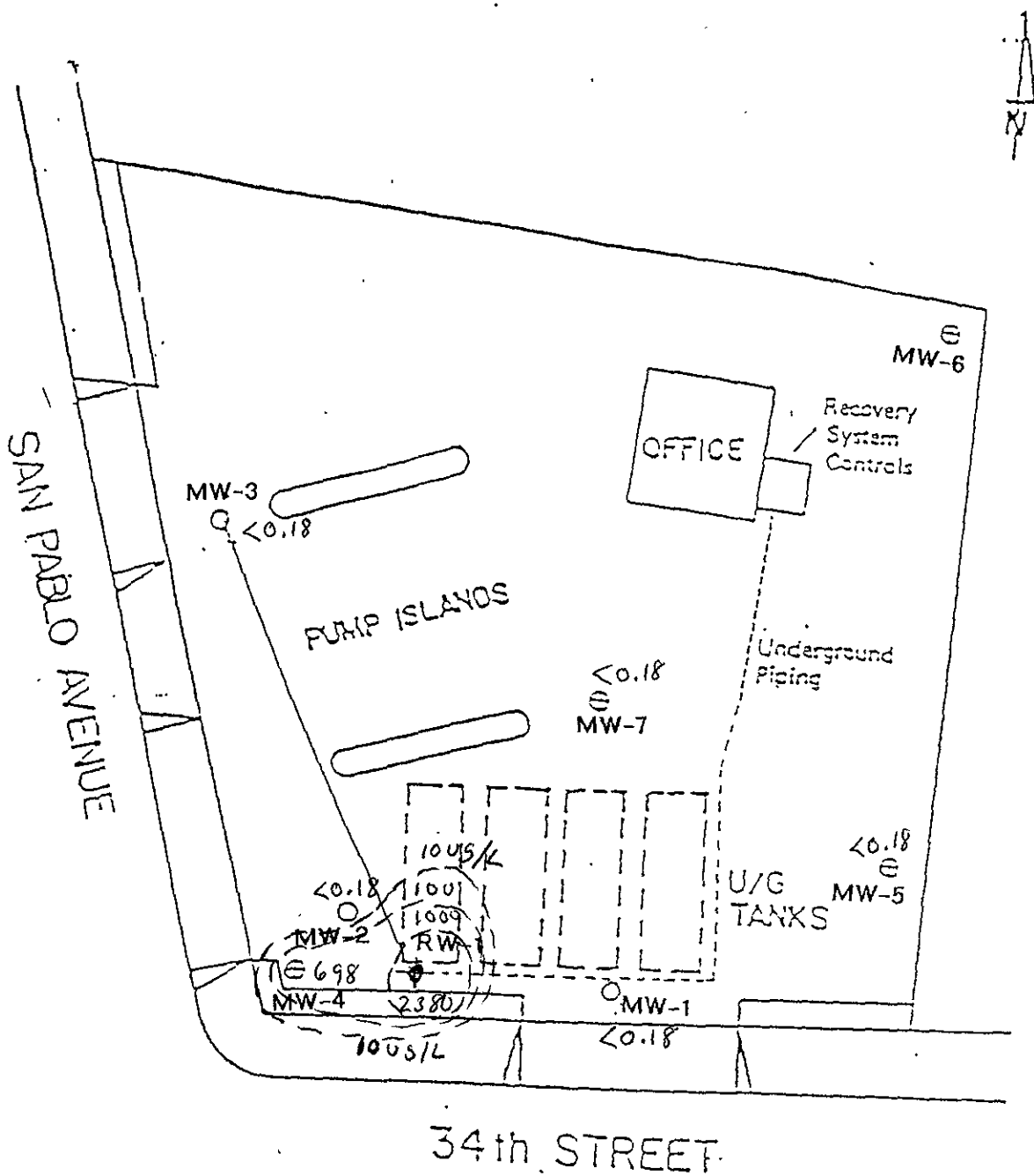
TPH ISOCONCENTRATION MAP ug/L
 THRIFTY SERVICE STATION NO. 49
 3400 SAN PABLO AVE.
 OAKLAND, CA

LEGEND

- MW1 - GT MONITORING WELLS
- ⊕ MW-4 - WCC MONITORING WELLS
- ⊕ RW-1 - PROPOSED RECOVERY WELL



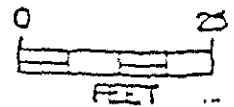
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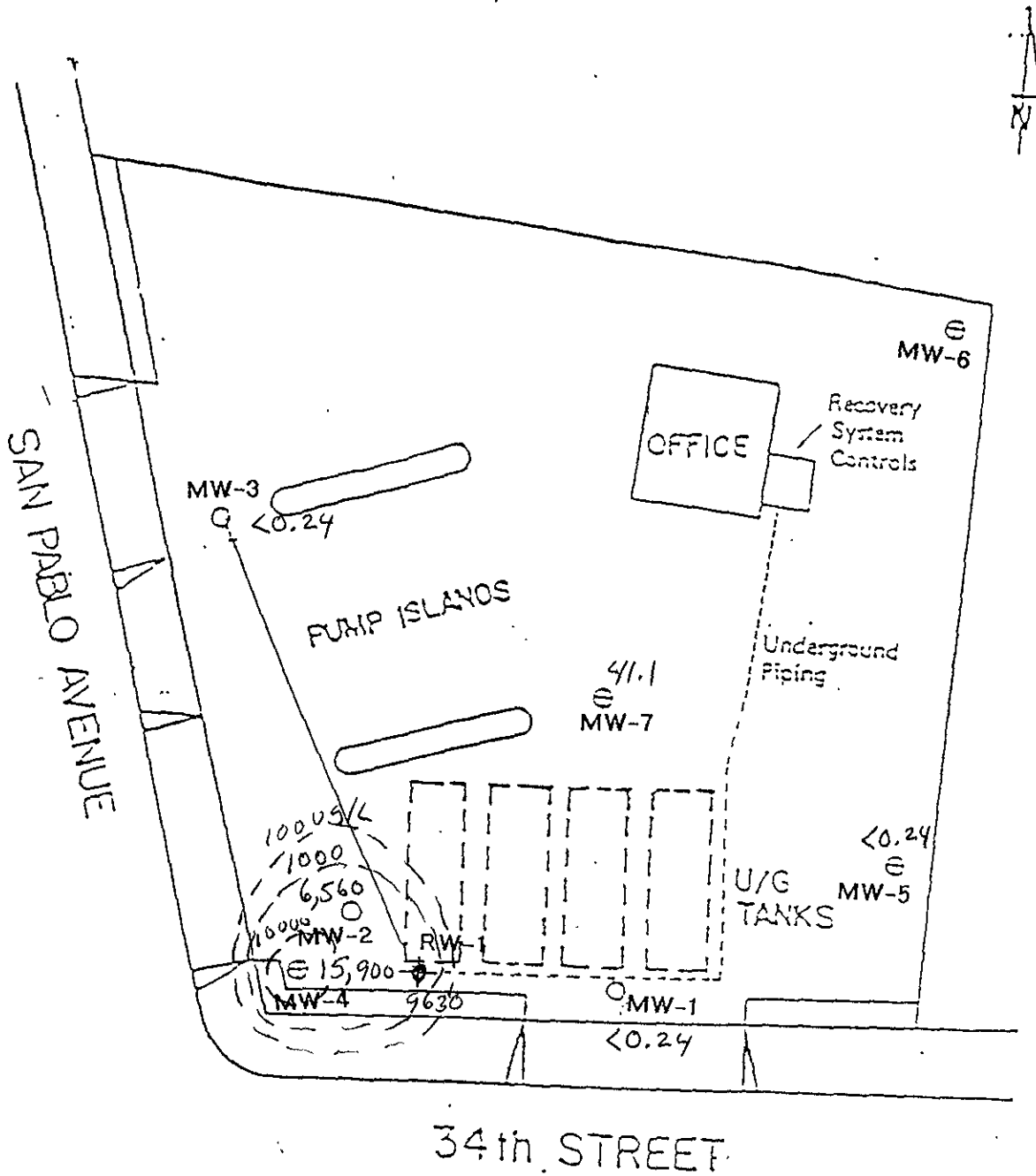
BENZENE ISOCONCENTRATION MAP $\mu\text{g/L}$
THRIFTY SERVICE STATION NO. 49
3400 SAN PABLO AVE.
OAKLAND, CA

LEGEND

- MW1 - GT MONITORING WELLS
- ⊕ MW-4 - WCC MONITORING WELLS
- ⊕ RW-1 - PROPOSED RECOVERY WELL



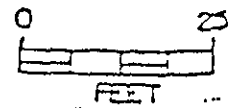
10/18/2000



MTBE ISOCONCENTRATION MAP ug/L
 THRIFTY SERVICE STATION NO. 49
 3400 SAN PABLO AVE.
 OAKLAND, CA

LEGEND

- MW1 - GT MONITORING WELLS
- ⊕ MW-4 - WCC MONITORING WELLS
- ⊕ RW-1 - PROPOSED RECOVERY WELL



10/18/2000

TABLES

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
MONITORING WELL #MW-1											
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
MONITORING WELL #MW-2											
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

**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)	MIBE (ug/L)					
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
MONITORING WELL #MW-3											
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
07/22/96	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
MONITORING WELL #MW-4											
01/09/92	-	-	-	-	-	-	5.25	NP	0.00	97.33	92.08
04/13/92	-	-	-	-	-	-	6.40	NP	0.00	97.33	90.93
10/05/92	-	-	-	-	-	-	9.95	NP	0.00	97.33	87.38
01/06/93	-	-	-	-	-	-	4.10	NP	0.00	97.33	93.23
04/26/93	-	-	-	-	-	-	4.84	NP	0.00	97.33	92.49
01/04/94	-	-	-	-	-	-	9.05	NP	0.00	97.33	88.28
04/05/94	-	-	-	-	-	-	8.10	NP	0.00	97.33	89.23
10/09/95	63,000	9,000	2,100	2,500	9,600	-	-	-	-	97.33	-
01/08/96	23,000	2,200	830	880	3,600	-	5.57	NP	0.00	97.33	91.76
04/08/96	56,000	5,000	2,500	2,600	11,000	-	5.36	NP	0.00	97.33	91.97
07/22/96	33,000	3,700	1,600	1,400	6,000	2,400	4.80	NP	0.00	97.33	92.53
10/16/96	2,800	7.8	0.60	0.41	52	2,000	5.47	NP	0.00	97.33	91.86
01/22/97	1,400	<0.3	<0.3	<0.3	<0.5	3,100	5.15	NP	0.00	97.33	92.18
04/21/97	-	-	-	-	-	-	6.36	5.30	1.06	97.33	91.77
07/14/97	-	-	-	-	-	-	5.24	5.21	0.03	97.33	92.11

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)					
10/07/97	-	-	-	-	-	-	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
MONITORING WELL #MW-5											
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

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)					
10/14/98	<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
MONITORING WELL #MW-6											
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
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

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)					
10/13/99	<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	2	<0.3	<0.6	*87 / 76	3.07	NP	0.00	99.67	96.60
10/18/00	-	-	-	-	-	-	-	-	-	99.67	-
MONITORING WELL #MW-7											
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
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

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

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
MONITORING WELL #RW-1											
01/09/92	-	-	-	-	-	-	14.00	NP	0.00	-	-
04/13/92	-	-	-	-	-	-	14.00	NP	0.00	-	-
10/05/92	-	-	-	-	-	-	15.05	NP	0.00	-	-
01/06/93	-	-	-	-	-	-	5.43	NP	0.00	-	-
04/26/93	-	-	-	-	-	-	13.20	NP	0.00	-	-
01/04/94	-	-	-	-	-	-	14.30	NP	0.00	-	-
04/05/94	-	-	-	-	-	-	14.13	NP	0.00	-	-
01/08/96	-	-	-	-	-	-	14.22	NP	0.00	-	-
04/08/96	-	-	-	-	-	-	14.33	NP	0.00	-	-
07/22/96	8,100	530	84	120	860	-	14.27	NP	0.00	-	-
10/16/96	-	-	-	-	-	-	13.10	NP	0.00	-	-
01/22/97	-	-	-	-	-	-	16.97	NP	0.00	-	-
10/07/97	-	-	-	-	-	-	14.20	NP	0.00	-	-
01/15/98	-	-	-	-	-	-	15.60	NP	0.00	-	-
04/23/98	81,000	0.72	1.4	3.2	5.7	270,000	14.20	NP	0.00	-	-
07/20/98	-	-	-	-	-	-	14.30	NP	0.00	-	-
10/14/98	-	-	-	-	-	-	11.20	NP	0.00	-	-
01/21/99	-	-	-	-	-	-	-	-	-	-	-
04/15/99	-	-	-	-	-	-	13.10	NP	0.00	-	-
07/26/99	4,400	<3	<3	<3	<5	*6,800 / 9,000	13.83	NP	0.00	-	-
10/13/99	-	-	-	-	-	-	-	-	-	-	-
01/20/00	-	-	-	-	-	-	13.22	NP	0.00	-	-
04/05/00	-	-	-	-	-	-	-	-	-	-	-
07/19/00	-	-	-	-	-	-	13.25	NP	0.00	-	-
10/18/00	-	-	-	-	-	-	11.14	NP	0.00	-	-

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

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020.
 Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline
 Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020 or 8260

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)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
				TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
4/8/91	1,310	0	-	-	<0.3	<0.3	<0.3	<0.9	-	-	910	2000	160	2000	-
4/15/91	1,434	124	18	-	<0.3	<0.3	<0.3	<0.3	-	-	2800	4600	310	5000	-
4/22/91	1,510	200	11	-	<15	<15	<15	<45	-	-	3100	3300	<15	2800	-
4/29/91	1,660	350	21	-	<0.3	<0.3	<0.3	<0.9	-	-	3600	4500	300	5000	-
5/6/91	1,740	430	11	-	<0.3	<0.3	<0.3	<0.9	-	-	3600	3500	300	3800	-
5/13/91	1,880	570	20	-	<0.3	<0.3	<0.3	<0.9	-	-	3300	3200	230	3900	-
5/20/91	2,010	700	19	-	<0.3	<0.3	<0.3	<0.9	-	-	3300	3400	260	5100	-
5/28/91	2,050	740	5	-	<0.3	<0.3	<0.3	<0.9	-	-	2900	3000	230	4200	-
6/3/91	2,110	800	10	-	<0.3	<0.3	<0.3	<0.9	-	-	2500	2100	110	2800	-
6/10/91	2,160	850	7	-	<0.3	<0.3	<0.3	<0.9	-	-	1800	1700	120	2100	-
6/17/91	2,219	909	8	-	<0.3	<0.3	<0.3	<0.9	-	-	2100	1900	170	2700	-
6/24/91	2,263	953	6	-	<0.3	<0.3	<0.3	<0.9	-	-	2100	1800	150	2700	-
07/01/91	2,313	1,003	7	-	<0.5	<0.5	<1	<1	-	-	2,700	2,000	150	2,900	-
07/08/91	2,700	1,390	55	-	<0.5	<0.5	<1	<1	-	-	4,000	2,500	130	4,400	-
07/15/91	2,872	1,562	25	-	<0.5	<0.5	<1	<1	-	-	3,100	1,900	140	3,200	-
07/22/91	3,144	1,834	39	-	<0.5	<0.5	<1	<1	-	-	3,400	2,100	110	2,800	-
07/29/91	3,220	1,910	11	-	<0.5	<0.5	<1	<1	-	-	5,100	2,200	180	2,700	-
08/05/91	3,348	2,038	18	-	<0.5	<0.5	<1	<1	-	-	5,100	3,900	400	4,200	-
08/12/91	3,472	2,162	18	-	<0.5	<0.5	<1	<1	-	-	11,000	6,200	440	8,400	-
08/19/91	3,548	2,238	11	-	<0.5	<0.5	<1	<1	-	-	4,500	2,400	130	2,600	-
08/26/91	3,655	2,345	15	-	<0.5	<0.5	<1	<1	-	-	4,400	2,500	260	3,600	-
09/09/91	3,822	2,512	12	-	<0.5	<0.5	<1	<1	-	-	5,200	3,000	390	3,700	-
09/16/91	3,884	2,574	9	-	<0.5	<0.5	<1	<1	-	-	4,100	2,000	460	4,900	-
09/23/91	4,013	2,703	18	-	<0.5	<0.5	<1	<1	-	-	4,600	1,600	710	6,400	-
09/30/91	4,092	2,782	11	-	<0.5	<0.5	<1	<1	-	-	5,700	2,000	380	6,200	-
10/07/91	4,131	2,821	6	System shut down											
10/14/91	4,195	2,885	9	-	<0.5	<0.5	<1	<1	-	-	4,400	2,000	370	8,100	-
10/21/91	4,406	3,096	30	-	<0.5	<0.5	<1	<1	-	-	2,300	1,100	190	4,200	-
10/28/91	4,474	3,164	10	-	<0.5	<0.5	<1	<1	-	-	6,400	4,100	620	6,100	-
11/03/91	4,613	3,303	23	-	<0.5	<0.5	<1	<1	-	-	6,100	2,800	200	5,600	-
11/11/91	4,700	3,390	11	-	<0.5	<0.5	<1	<1	-	-	6,500	2,300	<30	4,900	-
11/18/91	4,887	3,577	27	-	<0.5	<0.5	<1	<1	-	-	5,600	2,500	300	4,600	-
11/25/91	5,042	3,732	22	-	<0.5	<0.5	<1	<1	-	-	5,400	2,800	230	5,700	-
12/03/91	5,263	3,953	28	-	<0.5	<0.5	<1	<1	-	-	7,200	3,300	490	5,500	-
12/09/91	5,362	4,052	17	-	<0.5	<0.5	<1	<1	-	-	4,400	1,700	140	3,900	-
12/16/91	5,486	4,176	18	-	<0.5	<0.5	<0.5	<0.5	-	-	4,700	2,300	310	4,600	-
12/23/91	5,516	4,206	4	-	<0.5	<0.5	<0.5	<0.5	-	-	4,000	2,200	290	5,900	-
12/30/91	5,575	4,265	8	-	<0.5	<0.5	<0.5	<0.5	-	-	5,200	2,500	350	5,800	-
01/15/92	5,720	4,410	9	-	<0.5	<0.5	<0.5	<0.5	-	-	3,400	1,900	300	6,300	-
02/10/92	6,264	4,954	21	-	<0.5	<0.5	<0.5	<0.5	-	-	5,800	2,800	320	7,200	-

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)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
				TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
03/09/92	8,520	7,210	81	<200	<0.5	1.6	<0.5	<0.5	-	47,000	7,100	4,800	630	10,300	-
04/13/92	22,888	21,578	411	<200	<0.5	<0.5	<0.5	<0.5	-	29,000	4,500	2,200	160	4,800	-
05/11/92	24,920	23,610	73	<200	<0.5	<0.5	<0.5	<0.5	-	22,000	4,300	1,500	130	3,800	-
06/01/92	28,330	27,020	162	<200	<0.5	<0.5	<0.5	<0.5	-	18,000	3,400	1,500	660	4,200	-
07/13/92	72,675	-	-	-	<0.5	<0.5	<0.5	<0.5	-	-	1,800	750	150	5,600	-
07/13/92	72,675	-	-	The system pumped air and flowmeter jumped from 30,000 gallons to 70,000 gallons											
08/17/92	75,046	29,391	68	-	<0.5	<0.5	<0.5	<0.5	-	-	1,100	350	200	1,100	-
09/14/92	75,582	29,927	19	-	<0.5	<0.5	<0.5	<1	-	-	2,100	520	<25	3,500	-
10/05/92	75,680	30,025	5	<200	<0.5	<0.5	<0.5	<1	-	19,000	1,700	270	<25	4,000	-
11/09/92	77,280	31,625	46	-	<0.5	<0.5	<0.5	<0.5	-	-	4,000	1,400	120	5,900	-
12/14/92	79,420	33,765	61	-	<0.5	<0.5	<0.5	<1	-	-	7,300	4,900	1,800	16,000	-
01/04/93	84,720	39,065	252	-	<0.5	<0.5	<0.5	<1	-	-	5,400	2,100	450	7,800	-
02/15/93	102,689	57,034	428	<200	<0.5	<0.5	<0.5	<1	-	41,000	6,600	3,200	260	9,600	-
02/22/93	146,430	-	-	The system pumped air and flowmeter jumped from 102,689 gallons to 146,430 gallons											
03/08/93	147,500	58,104	76	-	<0.5	<0.5	<0.5	<1	-	-	7,400	3,400	56	11,000	-
04/26/93	151,200	61,804	76	<100	<0.5	<0.5	<0.5	<1	-	36,000	4,300	2,200	420	8,300	-
04/26/93	151,200	61,804	-	Shut down system for repair											
07/21/93	151,240	61,844	0	Restart the system											
08/11/93	151,650	62,254	20	-	<0.5	<0.5	<0.5	<1	-	-	6,500	2,300	390	6,200	-
09/16/93	154,005	64,609	65	<60	<0.3	<0.3	<0.3	<0.6	-	43,000	2,300	320	<4.4	2,900	-
10/04/93	154,896	65,500	50	<60	<0.3	<0.3	<0.3	<0.6	-	33,000	2,900	470	6.9	3,500	-
11/05/93	157,431	68,035	79	<50	<0.3	<0.3	<0.3	<0.5	-	15,000	1,100	27	<0.3	920	-
12/03/93	159,324	69,928	68	<50	<0.3	<0.3	<0.3	<0.5	-	16,000	1,100	88	<6.6	2,300	-
01/06/94	166,440	77,044	209	-	<0.3	<0.3	<0.3	<0.5	-	-	3,800	730	<13	1,200	-
02/03/94	170,720	81,324	153	-	<0.3	<0.3	<0.3	<0.5	-	-	3,600	610	<4.4	4,800	-
03/03/94	178,168	88,772	266	-	<0.3	<0.3	<0.3	<0.5	-	-	2,800	2,000	270	3,400	-
04/07/94	185,670	96,274	214	<50	<0.3	<0.3	<0.3	<0.5	-	26,000	2,200	550	<6.6	1,900	-
05/12/94	188,840	99,444	91	<50	<0.3	<0.3	<0.3	<0.5	-	4,600	100	10	8.4	280	-
06/16/94	194,680	105,284	167	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
07/11/94	199,135	109,739	178	<50	<0.3	<0.3	<0.3	<0.5	-	4,000	220	<2.6	<2.6	320	-
08/04/94	200,910	111,514	74	<50	<0.3	<0.3	<0.3	<0.5	-	7,800	480	6.2	<0.3	630	-
09/15/94	203,450	114,054	60	<50	<0.3	<0.3	<0.3	<0.5	-	3,200	150	2.4	2.6	170	-
10/10/94	205,210	115,814	70	<50	<0.3	<0.3	<0.5	<0.5	-	1,300	8.6	1.5	1.1	15	-
11/07/94	206,060	116,664	30	<50	<0.3	<0.3	<0.5	<0.5	-	170	1.5	<0.3	<0.5	0.5	-
12/05/94	207,093	117,697	37	<50	<0.3	<0.3	<0.5	<0.5	-	75	1.3	<0.3	<0.5	<0.5	-
01/09/95	207,293	117,897	6	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
02/01/95	207,650	118,254	16	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
02/06/95	207,810	118,414	32	<50	<0.3	<0.3	<0.5	<0.5	-	<50	2.7	<0.3	<0.5	<0.5	-
03/10/95	208,430	119,034	19	<100	<0.5	<0.5	<0.5	<1	-	<100	<0.5	<0.5	<0.5	<1	-
04/10/95	208,564	119,168	4	<100	<0.5	<0.5	<0.5	<1	-	3,300	180	7.6	2.1	150	-

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)	EFFLUENT (ug/L)						INFLUENT (ug/L)						
				TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE	
05/08/95	208,608	119,212	2	<100	<0.5	<0.5	<0.5	<1	-	11,000	640	92	<5	1,100	-	
06/05/95	208,926	119,530	11	<100	<0.5	<0.5	<0.5	<1	-	5,100	270	22	<0.5	49	-	
07/10/95	214,182	124,786	150	<100	<0.5	<0.5	<0.5	<1	-	13,000	1,600	120	24	1,300	-	
08/07/95	221,876	132,480	275	Shut down system for repair						-	-	-	-	-	-	-
08/28/95	221,997	132,601	6	Restart the system						-	-	-	-	-	-	-
09/06/95	222,003	132,607	1	<100	<0.5	<0.5	<0.5	<1	-	2,300	<0.5	<0.5	<0.5	<1	-	
10/09/95	222,343	132,947	10	<100	<0.5	<0.5	<0.5	<1	-	2,000	5.6	0.77	0.66	3.8	-	
11/06/95	222,704	133,308	13	<50	0.3	0.31	<0.3	0.68	-	3,000	27	1.7	3.7	48	-	
12/11/95	223,792	134,396	31	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	0.96	-	
01/08/96	224,661	135,265	31	970	<0.3	<0.3	<0.3	0.67	-	1,800	39	<0.3	<0.3	<0.5	-	
02/12/96	227,812	138,416	90	<50	10	0.37	<0.3	0.53	-	3,300	190	<7.5	<7.5	20	-	
03/12/96	229,301	139,905	51	<50	<0.3	<0.3	<0.3	<0.5	-	2,700	250	2.3	<1.5	<2.5	-	
04/08/96	242,320	152,924	482	<50	<0.3	<0.3	<0.3	<0.5	-	1,000	90	5	<0.3	67	-	
05/06/96	247,840	158,444	197	100	<0.3	<0.3	<0.3	<0.5	-	15,000	2,200	600	32	2,400	-	
06/03/96	248,423	159,027	21	Shut down system for carbon change						-	-	-	-	-	-	-
08/08/96	248,423	159,027	-	Start-up system						-	-	-	-	-	-	-
08/20/96	248,630	159,234	17	<50	<0.3	<0.3	<0.3	<0.5	-	2,100	24	<0.3	<0.3	49	-	
09/23/96	259,030	169,634	306	<50	<0.3	<0.3	<0.3	<0.5	-	4,100	260	<3	<3	34	-	
10/16/96	263,610	174,214	199	<50	<0.3	<0.3	<0.3	<0.5	-	2,700	220	3.8	<0.6	44	-	
11/19/96	263,986	174,590	11	<50	<0.3	<0.3	<0.3	<0.5	-	1,200	<0.3	<0.3	<0.3	<0.5	-	
12/16/96	264,210	174,814	8	<50	<0.3	<0.3	<0.3	1.5	-	29,000	410	2,300	120	1,100	-	
01/22/97	266,220	176,824	54	<50	<0.3	<0.3	<0.3	<0.5	-	68,000	<0.3	<0.3	<0.3	<0.5	-	
02/24/97	267,030	177,634	25	<50	<0.3	<0.3	<0.3	<0.5	-	51,000	3,500	3,200	390	2,200	-	
03/17/97	267,230	177,834	10	<50	<0.3	<0.3	<0.3	<0.5	-	89,000	<6	11	<6	14	-	
04/21/97	267,415	178,019	5	<50	<0.3	<0.3	<0.3	<0.5	-	61,000	730	18	130	360	-	
05/22/97	276,535	187,139	294	<50	<0.3	<0.3	<0.3	<0.5	-	850	1.3	<0.3	0.4	4.6	-	
06/23/97	281,214	191,818	146	-	-	-	-	-	-	-	-	-	-	-	-	
07/14/97	284,210	194,814	143	<50	<0.3	<0.3	<0.3	<0.5	-	6,600	<0.3	0.59	<0.3	9	-	
08/18/97	298,610	209,214	411	-	-	-	-	-	-	-	-	-	-	-	-	
09/15/97	301,043	211,647	87	-	-	-	-	-	-	-	-	-	-	-	-	
10/07/97	333,480	244,084	1,474	<50	<0.3	<0.3	<0.3	<0.5	-	94,000	<0.3	<0.3	<0.3	<0.5	-	
11/17/97	334,286	244,890	20	-	-	-	-	-	-	-	-	-	-	-	-	
12/08/97	334,382	244,986	5	-	-	-	-	-	-	-	-	-	-	-	-	
12/12/97	-	-	-	Shut down system due to stolen equipment						-	-	-	-	-	-	-
04/08/98	-	-	-	<50	<0.3	<0.3	<0.3	<0.5	<20	3,100	12	1	<0.3	490	2,600	
05/11/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/22/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
07/20/98	334,382	244,986	-	<50	<0.3	<0.3	<0.3	<0.5	-	52,000	8	0.52	0.83	1.5	-	
08/03/98	346,521	257,125	867	Shut down system for carbon canisters replacement						-	-	-	-	-	-	-
09/17/98	354,985	265,589	188	-	-	-	-	-	-	-	-	-	-	-	-	

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)	EFFLUENT (ug/L)						INFLUENT (ug/L)					
				TPH-g	B	T	E	X	MTBE	TPH-g	B	T	E	X	MTBE
10/14/98	358,015	268,619	112	<50	<0.3	<0.3	<0.3	1.6	-	3,100	45	13	3.5	350	-
11/05/98	359,600	270,204	72	System shut down due to vandalism and stolen equipment						-	-	-	-	-	-
11/20/98	359,600	270,204	-	Restart						-	-	-	-	-	-
12/11/98	369,452	280,056	469	-	-	-	-	-	-	-	-	-	-	-	-
12/24/98	-	-	-	No reading, meter broken						-	-	-	-	-	-
01/15/99	0	280,056	-	Replaced Flowmeter started at 0						-	-	-	-	-	-
01/21/99	985.5	281,042	164	57	<0.3	<0.3	<0.3	0.76	-	380	6.2	1	<0.3	9.1	-
02/12/99	1,971.0	282,027	45	-	-	-	-	-	-	-	-	-	-	-	-
03/12/99	4,390.0	284,446	86	-	-	-	-	-	-	-	-	-	-	-	-
04/15/99	8,595.0	288,651	124	<50	<0.3	<0.3	<0.3	<0.5	<5	410	1.6	0.78	<0.3	5	*580 / 330
05/04/99	9,410.0	289,466	43	-	-	-	-	-	-	-	-	-	-	-	-
05/18/99	9,410.0	289,466	-	Shut down system for pump controller repair by manufacturer						-	-	-	-	-	-
09/20/99	9,411.0	289,467	0	Restart the system						-	-	-	-	-	
09/24/99	9,412.4	289,468	0	-	-	-	-	-	-	-	-	-	-	-	-
10/13/99	9,509.8	289,566	5	<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	9,701.9	289,758	6	-	-	-	-	-	-	-	-	-	-	-	-
12/17/99	9,893.7	289,950	5	-	-	-	-	-	-	-	-	-	-	-	-
01/20/00	10,052.1	290,108	5	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
02/17/00	10,156.6	290,213	4	-	-	-	-	-	-	-	-	-	-	-	-
03/13/00	10,354.7	290,411	8	-	-	-	-	-	-	-	-	-	-	-	-
04/05/00	10,545.7	290,602	8	72.7	1.8	4.1	0.7	6.7	-	119,000	2,360	6,440	6,240	25,200	*30,800 / 21,800
05/19/00	11,071.7	291,128	12	Shut down system for carbon drum replacement						-	-	-	-	-	-
06/05/00	11,075.4	291,131	0	Restart the system						-	-	-	-	-	
06/14/00	11,131.6	291,188	6	<50	<0.3	<0.3	<0.3	<0.6	<5	<1,000	<6	<6	<6	14	24,500
07/06/00	11,362.0	291,418	10	Shut down system for carbon replacement						-	-	-	-	-	
07/17/00	0.0	291,418	-	Restart the system after carbon change, repipe and flowmeter change (starting at 0.0)						-	-	-	-	-	
07/24/00	411.0	291,829	59	<50	<0.3	<0.3	<0.3	<0.6	<5	205	<0.3	1	<0.3	<0.6	*99 / 104
08/21/00	8,193.0	299,611	278	-	-	-	-	-	-	-	-	-	-	-	-
09/18/00	27,251.0	318,669	681	-	-	-	-	-	-	-	-	-	-	-	-
10/18/00	54,280.0	345,698	901	<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	64,610.0	356,028	861	-	-	-	-	-	-	-	-	-	-	-	-
11/27/00	79,870.0	371,288	545	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	99,240.0	390,658	775	-	-	-	-	-	-	-	-	-	-	-	-

Note: TPH is analyzed by EPA Method 8015 M
 BTEX is analyzed by EPA Method 602 or 8020
 < = less than laboratory detection level indicated
 - = no sample / not analyzed
 *MTBE 8020/8260

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.

APPENDIX A



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #049
 3400 SAN PABLO AVENUE
 BELL, CA
 DATE: 10-18-00

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
	MONTHLY											
MW-1	5.53	/		17.78	2"		X			X	-	-
MW-2	6.91			23.80	2"		X			X	-	-
MW-3	7.32	/		24.20	2"		X			X	-	-
MW-4	6.02	/		13.69	4"		X			X	-	-
MW-5	6.28	/		13.78	2"		X			X	-	-
MW-6	?			13.06	2"		-			-	-	-
MW-7	5.28	/		13.60	4"		X			X	-	-
RW-1	11.14	/		24.38	6"		X			X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE DTP - DEPTH TO PRODUCT FROM SURFACE
 PT - PRODUCT THICKNESS S - SLIGHT
 MEASUREMENTS IN FEET
 REMARKS: I don't have access to MW-6 because the gate is
 block up with two COCO-COLA MACHINES ???
 FREE PRODUCT REMOVED: APPROX. ___ GALLONS WATER REMOVED: APPROX. ___ GALLONS
 DATA RECORDED BY: _____ INPUT BY: C.D.

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site: <u>2049</u>	Date: <u>10-18-00</u>
Address: _____	
Personnel: <u>BERRON P,</u>	Weather: <u>Sunny day</u>
Well No: <u>MW-1</u>	Equip: <u>Bailer</u>

Before Purging:			
Total Well Depth: (ft.)	<u>17.78</u>	Well Diameter	<u>2⁴</u>
Depth to Water (ft)	<u>5.53</u>	Est. Purge Volume:	<u>7</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	<u>8:04</u>	<u>8:05</u>	<u>8:06</u>	<u>8:07</u>	<u>8:08</u>	<u>8:09</u>	<u>8:10</u>
EC	<u>870</u>	<u>890</u>	<u>880</u>	<u>860</u>	<u>870</u>	<u>880</u>	<u>860</u>
pH	<u>5.18</u>	<u>5.16</u>	<u>5.21</u>	<u>5.17</u>	<u>5.17</u>	<u>5.13</u>	<u>5.11</u>
Temp	<u>72.4</u>	<u>72.2</u>	<u>72.1</u>	<u>71.9</u>	<u>71.7</u>	<u>71.6</u>	<u>71.5</u>
Gal.	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	Total Well Depth(ft). <u>17.78</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site: # 049	Date: 10-18-00
Address:	
Personnel: SERBATA P.	Weather: SUNNY DAY
Well No: MW-2	Equip: BAITLER

Before Purging:			
Total Well Depth: (ft.)	23.80	Well Diameter	2"
Depth to Water (ft)	6.91	Est. Purge Volume:	11

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	8:45	8:47	8:48	8:50	8:51	8:53	8:55
EC	760	730	710	730	710	710	720
pH	5.18	5.16	5.14	5.11	5.09	5.11	5.11
Temp	73.2	73.1	72.9	72.8	72.7	72.6	72.5
Gal.	1	3	4	6	7	9	11
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	10.03	Total Well Depth(ft.)	23.80

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	<u># 049</u>	Date:	<u>10-18-00</u>
Address:			
Personnel:	<u>SERBATA P.</u>	Weather:	<u>SUNNY DAY</u>
Well No:	<u>MW-3</u>	Equip:	<u>BAYER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>24.20</u>	Well Diameter	<u>2⁴</u>
Depth to Water (ft)	<u>7.32</u>	Est. Purge Volume:	<u>M</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:00	10:02	10:03	10:05	10:06	10:08	10:10
EC	760	720	730	710	710	730	710
pH	5.21	5.18	5.21	5.19	5.16	5.14	5.11
Temp	71.3	71.1	71.1	70.9	70.8	70.6	70.6
Gal.	1	3	4	6	7	9	M
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	<u>10.12</u>
Total Well Depth(ft.)	<u>24.20</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site: # 049	Date: 10-18-00
Address:	
Personnel: Terlan P.	Weather: Sunny day
Well No: MW-4	Equip: Bailer

Before Purging:			
Total Well Depth: (ft.)	13.69	Well Diameter	4"
Depth to Water (ft)	6.02	Est. Purge Volume:	20

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	8:22	8:25	8:28	8:31	8:34	8:37	8:40
EC	740	780	790	770	770	740	700
pH	5.18	5.16	5.21	5.17	5.13	5.14	5.13
Temp	72.4	72.1	72.1	71.9	71.8	71.7	71.6
Gal.	2	5	8	11	14	17	20
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	9.14
Total Well Depth(ft).	13.69

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u>2049</u>	Date: <u>10-18-00</u>
Address: _____	
Personnel: <u>BERBAY P.</u>	Weather: <u>SUNNY DAY</u>
Well No: <u>MW-5</u>	Equip: <u>BAILER</u>

Before Purging:			
Total Well Depth: (ft.)	<u>13.78</u>	Well Diameter	<u>24</u>
Depth to Water (ft)	<u>6.28</u>	Est. Purge Volume:	<u>5</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	7:54	7:55	7:56	7:57	7:58	7:59	8:00
EC	210	700	710	700	690	710	700
pH	5.18	5.16	5.14	5.11	5.04	5.11	5.11
Temp	72.1	71.9	71.7	71.6	71.5	71.4	71.3
Gal.	0.5	1.5	2	2.5	3	4	5
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	Total Well Depth(ft.)
<u>9.32</u>	<u>13.78</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 069	Date:	10-18-00
Address:			
Personnel:	SERBATA P.	Weather:	Sunny day
Well No:	MW-7	Equip:	BAUER

Before Purging:			
Total Well Depth: (ft.)	13.60	Well Diameter	4 ⁴
Depth to Water (ft)	5.28	Est. Purge Volume:	21

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	10:22	10:25	10:28	10:31	10:34	10:37	10:40
EC	920	940	970	920	920	940	930
pH	5.03	5.10	5.04	5.04	5.03	5.04	5.03
Temp	21.4	21.3	21.3	21.1	20.9	20.7	20.7
Gal.	3	5	9	12	15	18	21
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection			
Depth to Water (ft.)	9.32	Total Well Depth(ft.)	13.60

APPENDIX B



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil (8871)
ATTN: Jeff Suryakusuma
13539 E. Foster Rd.
Santa Fe Springs, CA 90670

LAB REQUEST 61289

REPORTED 11/07/2000

RECEIVED 10/23/2000

PROJECT TOC #049
3400 San Pablo Ave.
Oakland, CA

SUBMITTER Client

COMMENTS

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

<u>Order No.</u>	<u>Client Sample Identification</u>
219507	TOC #049, MW-5
219508	TOC #049, MW-1
219509	TOC #049, MW-4
219510	TOC #049, MW-2
219511	TOC #049, MW-3
219512	TOC #049, MW-7
219513 ,	TOC #049, Trip Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 219507

Matrix: WATER

Client Sample ID TOC #049, MW-5**Date Sampled:** 10/18/2000 **Time Sampled:** 13:00

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

8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	ND	1	5	0.24	ug/L	10/26/00 HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00 HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00 HP

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00 HP
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Order #: 219508

Matrix: WATER

Client Sample ID TOC #049, MW-1**Date Sampled:** 10/18/2000 **Time Sampled:** 13:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	ND	1	5	0.24	ug/L	10/26/00 HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00 HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00 HP

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00 HP
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Order #: 219509

Matrix: WATER

Client Sample ID TOC #049, MW-4**Date Sampled:** 10/18/2000 **Time Sampled:** 13:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	698	33	9.9	0.18	ug/L	10/26/00 HP
Ethyl benzene	607	33	9.9	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	27,800	1000	5000.0	0.24	ug/L	10/26/00 HP
Toluene	1,010	33	9.9	0.14	ug/L	10/26/00 HP
Xylene (total)	4,130	33	19.8	0.26	ug/L	10/26/00 HP

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



8260B BTEX/MTBE Only

Methyl-tert-butylether (MTBE)	15,900	200	200.0	0.6	ug/L	11/05/00	DP
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8015M - Total Petroleum Hydrocarbons

Gasoline	34,900	33	1650.0	50	ug/L	10/26/00	HP
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Order #:

Client Sample ID TOC #049, MW-2

Matrix: WATER

Date Sampled: 10/18/2000 Time Sampled: 13:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Methyl t - butyl ether	9,090	500	2500.0	0.24	ug/L	10/26/00	HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00	HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00	HP

8260B BTEX/MTBE Only

Methyl-tert-butylether (MTBE)	6,560	100	100.0	0.6	ug/L	11/05/00	DP
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8015M - Total Petroleum Hydrocarbons

Gasoline	150	1	50.0	50	ug/L	10/26/00	HP
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Order #:

Client Sample ID TOC #049, MW-3

Matrix: WATER

Date Sampled: 10/18/2000 Time Sampled: 13:25

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Methyl t - butyl ether	ND	1	5	0.24	ug/L	10/26/00	HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00	HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00	HP

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00	HP
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Order #:

Client Sample ID TOC #049, MW-7

Matrix: WATER

Date Sampled: 10/18/2000 Time Sampled: 13:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Methyl t - butyl ether	63	1	5	0.24	ug/L	10/26/00	HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00	HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00	HP

8260B BTEX/MTBE Only

Methyl-tert-butylether (MTBE)	41.1	1	1	0.6	ug/L	11/05/00	DP
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8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00	HP
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Order #:

Client Sample ID TOC #049, Trip Blank

Matrix: WATER

Date Sampled: 10/18/2000 Time Sampled: 13:00

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

8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00	HP
Methyl t - butyl ether	ND	1	5	0.24	ug/L	10/26/00	HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00	HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00	HP

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00	HP
----------	----	---	------	----	------	----------	----

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



ASSOCIATED LABORATORIES LAB REQUEST RESULTS SUMMARY

Client: Thrifty Oil
 Jeff Suryakusuma
 13539 E. Foster Rd.
 Santa Fe Springs, CA 90670

Lab Request: 61289
 Date Received: 10/23/2000
 Print Date: 11/7/00

Project: TOC #049
 3400 San Pablo Ave.
 Oakland, CA
 Objectives: Confirm MTBE by 8260.

Sample ID.	Gasoline	Benzene	Toluene	Ethyl benzene	Xylene (total)	MTBE	MTBE by EPA8260
TOC #049, MW-1	ND	ND	ND	ND	ND	ND	
TOC #049, MW-2	150 ug/L	ND	ND	ND	ND	9,090 ug/L	6.560 ug/L
TOC #049, MW-3	ND	ND	ND	ND	ND	ND	
TOC #049, MW-4	34.900 ug/L	698 ug/L	1,010 ug/L	607 ug/L	4,130 ug/L	27,800 ug/L	15.900 ug/L
TOC #049, MW-5	ND	ND	ND	ND	ND	ND	
TOC #049, MW-7	ND	ND	ND	ND	ND	63 ug/L	41.1 ug/L
TOC #049, Trip Blank	ND	ND	ND	ND	ND	ND	

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD Water Samples
 Method : 8260
 Analysis Date: 11/06/00
 Applies to: LR 62030, 62031, 61307, 61506, 61383, 61379, 61502, 61250, 61290, 61289

REPORTING UNITS = ug/L

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50.0	49.24	52.91	98	106	7	22	59-172
MTBE	ND	50.0	34.89	35.92	70	72	3	24	62-137
Benzene	ND	50.0	46.44	46.99	93	94	1	24	62-137
Trichloroethene	ND	50.0	47.36	46.97	95	94	1	21	66-142
Toluene	ND	50.0	46.87	45.65	94	91	3	21	59-139
Chlorobenzene	ND	50.0	45.31	44.86	91	90	1	21	60-133

ND - Not Detected

RPD - Relative Percent Difference of LCS and LCS Dup.

%REC-MS & MSD - Percent Recovery of LCS & LCS Dup.

Method Blank = All ND

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 61291 - 524
 Matrix: WATER
 Prep. Date: 10/26/00
 Analysis Date: 10/26/00 - 10/27/00
 ID#'s in Batch: LR 61291, 61379, 61307, 61290, 61289

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	400	396	403	99.0	100.8	1.8

ND - Not Detected

RPD - Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS & MSD - Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130

RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLK	LCS				
Value	Result	True	%Rec	L.Limit	H.Limit
ND	464	500	92.8	80%	120%

LCS Result = Lab Control Sample Result

True = True Value of LCS

L Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 61291 - 524
 Matrix: WATER
 Prep. Date: 10/26/00
 Analysis Date: 10/26/00 - 10/27/00
 LAB ID#'s in Batch: LR 61291, 61379, 61307, 61290, 61289

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = ug/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD
Benzene	8021	ND	10.0	8.8	8.9	88	89	1
Toluene	8021	ND	10.0	8.9	9.0	89	90	1
Ethylbenzene	8021	ND	10.0	8.4	8.5	84	85	1
Xylenes	8021	ND	30.0	30.2	29.9	101	100	1

* = Matrix Interference. LCS OK. Data Reported.

ND = Not Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Dup

%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	PREP. BLK	LCS				
		Value	Result	True	%Rec	L.Limit	H.Limit
Benzene	8021	ND	8.8	10.0	88	80%	120%
Toluene	8021	ND	8.8	10.0	88	80%	120%
Ethylbenzene	8021	ND	8.7	10.0	87	80%	120%
Xylenes	8021	ND	28.9	30.0	96	80%	120%

LCS = Lab Control Sample Result

TRUE = True Value of LCS

L.LIMIT / H.LIMIT = LCS Control Limits



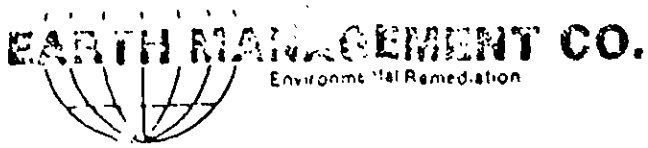
Chain of Custody Record

61289

Company THRIFTY OIL CO						Phone 762/921-3521		A.L. Job No. _____				Page _____ of _____		
Project Manager JEFF SURYARUMITA						Fax _____		Analysis Requested				Test Instructions & Comments		
Project Name E.W.S. and System						Project # 049								
Site Name and Address 3100 SAN PABLO AVE OAKLAND, CA								T	B	M				
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	H	E	T					
1	MW-5	10-18-00	13:00	WATER	3 VIALS	HCL	X	X	X					CONFIRM BY EPA METHOD 8260
2	MW-1	↑	13:05	↑	↑	↑	X	X	X					
3	MW-4	↑	13:10	↑	↑	↑	X	X	X					
4	MW-2	↑	13:15	↑	↑	↑	X	X	X					
5	MW-3	↑	13:25	↑	↑	↑	X	X	X					
6	MW-7	↑	13:30	↑	↑	↓	X	X	X					
7	TRIP BLANK	↑	13:00	↓	2 VIALS	↓	X	X						
8														
9														
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 20				Properly Cooled Y/N/NA Yes		Signature: <i>[Signature]</i>		Signature:	
Custody Seals Y/N/NA Yes				Samples Intact Y/N/NA Yes		Printed Name: SURYARUMITA		Printed Name:	
Received in Good Condition Y/N Yes				Samples Accepted Y/N Yes		Date: 10-18-00 Time:		Date: Time:	
Turn Around Time				Received By: 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal				<input type="checkbox"/> Rush		Signature: <i>[Signature]</i>		Signature:	
<input type="checkbox"/> Same Day				<input type="checkbox"/> 48 hrs.		Printed Name: Ken Hulsby		Printed Name:	
<input type="checkbox"/> 24 hrs.				<input type="checkbox"/> 72 hrs.		Date: 10-23-00 Time: 1515		Date: Time:	

APPENDIX C



DATE:

12-22-00

049

START-UP/SHUT DOWN REPORT

STATION NO.: 049

SYSTEM TYPE: G.R.S.

START-UP REPORT:

SHUT DOWN REPORT:

Technician leave in vacation

METER # 0099240

SIGNATURE:

[Handwritten Signature]

049

THRIFTY OIL CO. SERVICE STATION # 049

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 12-18-00

OBSERVATIONS AND COMMENTS: check oil, replace cartridge water filter, clean water bag, check belt, hoses,

FLOW METER READING: 0098010

SAMPLES OBTAINED: N/A

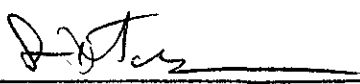
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

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

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

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

INSPECTOR'S SIGNATURE: 

THRIFTY OIL CO. SERVICE STATION #

49

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN R.

DATE OF INSPECTION: 12.11.00

OBSERVATIONS AND COMMENTS: Check oil, belt, replace cartridge
water filter, clean water bag filter,

FLOW METER READING: 0090560

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION

49

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBA P.

DATE OF INSPECTION: 12-04-00

OBSERVATIONS AND COMMENTS: check oil, belt, replace cartridge

water filter

FLOW METER READING: 0081620

SAMPLES OBTAINED: H/A

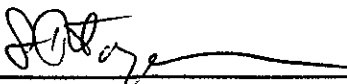
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

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

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

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

INSPECTOR'S SIGNATURE: 

049

THRIFTY OIL CO. SERVICE STATION #
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-27-00

OBSERVATIONS AND COMMENTS: Add oil, clean water filter bag,
replace cartridge water filter, check connections
hoses, belts,

FLOW METER READING: 0074870

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.3

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

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

INSPECTOR'S SIGNATURE: *Serban P.*

049

THRIFTY OIL CO. SERVICE STATION #609
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBON P

DATE OF INSPECTION: 11-20-00

OBSERVATIONS AND COMMENTS: Add oil, check belt, hoses,
replace cartridge water filter,

FLOW METER READING: 0070340

SAMPLES OBTAINED: H1A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.4

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

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

INSPECTOR'S SIGNATURE: *[Signature]*

019

THRIFTY OIL CO. SERVICE STATION #619
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 11-13-00

OBSERVATIONS AND COMMENTS: Add oil, replace cartridge water filter, clean filter bag

FLOW METER READING: 00.69850

SAMPLES OBTAINED: H/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 1.4

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 1.1

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.4

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION #49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN D.

DATE OF INSPECTION: 11-06-00

OBSERVATIONS AND COMMENTS: Add oil, check belt, hoses,
replace cartridge water filter

FLOW METER READING: 0065480

SAMPLES OBTAINED: H/A


PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 10

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

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

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

INSPECTOR'S SIGNATURE: 

THRIFTY OIL CO. SERVICE STATION # 49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERRAN P.

DATE OF INSPECTION: 10-30-00

OBSERVATIONS AND COMMENTS: Check oil, belts, clean water filter
replace cartridge water filter

FLOW METER READING: 0064610

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.3

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

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

INSPECTOR'S SIGNATURE: [Signature]

049

THRIFTY OIL CO. SERVICE STATION # 49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 10-23-00

OBSERVATIONS AND COMMENTS: Add oil, check belt, hoses, clean water bag filter,

FLOW METER READING: 0058410

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.3

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

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

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION # 49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SEBASTIAN P

DATE OF INSPECTION: 10.16.00

OBSERVATIONS AND COMMENTS: Add oil, clean water filter bag.

Shut down system for O.U.S

FLOW METER READING: 0054280

SAMPLES OBTAINED: 1/10

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 1.3

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

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION # 49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 10-09-00

OBSERVATIONS AND COMMENTS: check out, replace cartridge water

filter, clean water filter bag

FLOW METER READING: 0051260

SAMPLES OBTAINED: H/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

THRIFTY OIL CO. SERVICE STATION # 49
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAY P.

DATE OF INSPECTION: 10-02-00

OBSERVATIONS AND COMMENTS: Add oil, clean water filter bag,
replace cartridge water filter, check hoses co-
nections

FLOW METER READING: 0044653

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 14

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: 11

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

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

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

INSPECTOR'S SIGNATURE: [Signature]

APPENDIX D



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

CLIENT Thrifty Oil (8871)
ATTN: Jeff Suryakusuma
13539 E. Foster Rd.
Santa Fe Springs, CA 90670

LAB REQUEST 61291

REPORTED 10/30/2000

RECEIVED 10/23/2000

PROJECT TOC #049
3400 San Pablo Ave.
Oakland, CA

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.

219524
219525
219526

Client Sample Identification

TOC #049, Effluent
TOC #049, Intermed
TOC #049, Influent

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 #: 219524

Matrix: WATER

Client Sample ID TOC #049, Effluent

Date Sampled: 10/18/2000 Time Sampled: 11:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Ethyl benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	ND	1	5	0.24	ug/L	10/26/00 HP
Toluene	ND	1	0.3	0.14	ug/L	10/26/00 HP
Xylene (total)	ND	1	0.6	0.26	ug/L	10/26/00 HP

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	50.0	50	ug/L	10/26/00 HP
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Order #: 219525

Matrix: WATER

Client Sample ID TOC #049, Intermed

Date Sampled: 10/18/2000 Time Sampled: 11:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	ND	1	0.3	0.18	ug/L	10/26/00 HP
Ethyl benzene	1	1	0.3	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	148	10	50.0	0.24	ug/L	10/26/00 HP
Toluene	1	1	0.3	0.14	ug/L	10/26/00 HP
Xylene (total)	7	1	0.6	0.26	ug/L	10/26/00 HP

8015M - Total Petroleum Hydrocarbons

Gasoline	184	1	50.0	50	ug/L	10/26/00 HP
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Order #: 219526

Matrix: WATER

Client Sample ID TOC #049, Influent

Date Sampled: 10/18/2000 Time Sampled: 11:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
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8021B BTEX + MTBE

Benzene	2,380	100	30.0	0.18	ug/L	10/26/00 HP
Ethyl benzene	1,290	250	75.0	0.18	ug/L	10/26/00 HP
Methyl t - butyl ether	9,630	250	1250.0	0.24	ug/L	10/26/00 HP
Toluene	2,960	100	30.0	0.14	ug/L	10/26/00 HP
Xylene (total)	6,850	250	150.0	0.26	ug/L	10/26/00 HP

8015M - Total Petroleum Hydrocarbons

Gasoline	357,000	100	5000.0	50	ug/L	10/26/00 HP
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PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



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



ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 61291 - 524
 Matrix: WATER
 Prep. Date: 10/26/00
 Analysis Date: 10/26/00 - 10/27/00
 LAB ID#'s in Batch: LR 61291, 61379, 61307, 61290, 61289

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = ug/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD
Benzene	8021	ND	10.0	8.8	8.9	88	89	1
Toluene	8021	ND	10.0	8.9	9.0	89	90	1
Ethylbenzene	8021	ND	10.0	8.4	8.5	84	85	1
Xylenes	8021	ND	30.0	30.2	29.9	101	100	1

* = Matrix Interference. LCS OK. Data Reported.

ND = Not Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Dup

%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	PREP. BLK	LCS				
		Value	Result	True	%Rec	L.Limit	H.Limit
Benzene	8021	ND	8.8	10.0	88	80%	120%
Toluene	8021	ND	8.8	10.0	88	80%	120%
Ethylbenzene	8021	ND	8.7	10.0	87	80%	120%
Xylenes	8021	ND	28.9	30.0	96	80%	120%

LCS = Lab Control Sample Result

TRUE = True Value of LCS

L.LIMIT H.LIMIT = LCS Control Limits

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 61291 - 524
 Matrix: WATER
 Prep. Date: 10/26/00
 Analysis Date: 10/26/00 - 10/27/00
 ID#'s in Batch: LR 61291, 61379, 61307, 61290, 61289

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	400	396	403	99.0	100.8	1.8

ND = Not Detected

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

%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130

RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLK	LCS				
Value	Result	True	%Rec	L.Limit	H.Limit
ND	464	500	92.8	80%	120%

LCS Result = Lab Control Sample Result

True = True Value of LCS

L.Limit / H.Limit = LCS Control Limits

Chain of Custody Record

61291



Company THRIFTY OIL CO		Phone (562) 921-3087		A.L. Job No.		Page _____ of _____						
Project Manager NEEP JURYAROSUMA		Fax		Analysis Requested				Test Instructions & Comments				
Project Name System Sampling		Project # H 044										
Site Name and Address 3400 SAN PABLO AVE. OAKLAND, CA.												
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	P	H	B	T	E	X
1	EFFLUENT	10-18-00	11:00	WATER	2 VIALS	HCL	X	X				
2	INTERMED	10-18-00	11:10	WATER	2 VIALS	HCL	X	X				
3	INFLUENT	10-18-00	11:20	WATER	2 VIALS	HCL	X	X				
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler:	1.	Relinquished by	2.	Relinquished by	3.
Total Number of Containers	6	Property Cooled Y / N / NA	YES	Signature:	<i>[Signature]</i>	Signature:		Signature:	
Custody Seals Y / N / NA	NO	Samples Intact Y / N / NA	YES	Printed Name:	BERNARD P	Printed Name:		Printed Name:	
Received in Good Condition Y / N	YES	Samples Accepted Y / N	YES	Date:	10-18-00	Date:		Date:	
Turn Around Time				Received By:	1.	Received By:	2.	Received By:	3.
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:		Signature:	<i>[Signature]</i>	Signature:	
				Printed Name:		Printed Name:	KEVIN WISEY	Printed Name:	
				Date:		Date:	10-23-00	Date:	
				Time:		Time:	1515	Time:	