

THRIFTY OIL CO.

ENVIRONMENTAL
PROTECT.

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May 3, 2000

O.02922

Mr. Scott O. Seery, CHMM
Alameda County Health Agency
Hazardous Material Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

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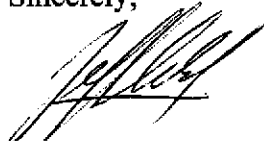
RE: **Thrifty Oil Co. #054**
2504 Castro Valley Boulevard
Castro Valley, CA 94541
1st Quarter 2000, Status Report

Dear Mr. Seery:

Presented herewith is the First Quarter 2000, Status Report for Thrifty Oil Co. Station #054 located at 2504 Castro Valley Boulevard, Castro Valley, California.

If you have any questions or comments, regarding this report please contact Raymond C. Friedrichsen or me at (562) 921-3581.

Sincerely,



for Chris Panaitescu
General Manager
Environmental Affairs

c: File



THRIFTY OIL CO.

May 3, 2000

Mr. Scott O. Seery, CHMM
Hazardous Material Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RE: **Thrifty Oil Co. Station #054**
2504 Castro Valley Boulevard
Castro Valley, CA
1st Quarter 2000, Status Report

Dear Mr. Seery:

Presented herein is the First Quarter 2000, Status Report prepared for Thrifty Oil Co. (Thrifty) Station #054 located at 2504 Castro Valley Boulevard, Castro Valley, California (**Figure 1**). Presented in this report are the results of the quarterly groundwater monitoring program conducted on March 23, 2000, and the status of the groundwater and vapor extraction operations. Thrifty has retained the services of Earth Management Company (EMC) to conduct quarterly monitoring and sampling activities at this site.

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well on a quarterly basis. Historic gauging groundwater data obtained from April 11, 1988 through March 23, 2000 is presented in **Table 1**. In general, groundwater occurs under water table conditions beneath the station at depths ranging from 2.25 feet below ground surface (bgs) in monitoring well RE-3 to 6.76 feet bgs in monitoring well RS-8 (**Appendix A**). Groundwater elevation contour map based on the March 23, 2000 data is presented in **Figure 1**. The general direction of groundwater flow beneath the site is toward the south and east at gradients ranging from 0.07 to 0.14 feet/foot.

Quarterly Groundwater Sampling

As part of the on-going groundwater monitoring program, groundwater samples were obtained from



monitoring wells PW-1, PW-2, RE-1 through RE-7, and RS-8 through RS-11 on March 23, 2000. Groundwater samples were obtained by EMC and delivered in a chilled state in an ice chest following strict Chain-of-Custody procedures to the state-certified American Analytics laboratory, Chatsworth, California. Total petroleum hydrocarbons (TPH-g) were analyzed by EPA method 8015 modified for gasoline. Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) were analyzed by EPA method 8020. Detectable MTBE was confirmed by EPA method 8260. Copies of the EMC Field Status Reports are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPH-g, BTEX, and MTBE concentrations appear in **Table 1** and **Appendix B**. TPH-g, benzene, and MTBE isoconcentration maps are presented in **Figure 2, 3, and 4**, respectively. The highest concentration of TPH-g was found in monitoring well RE-7 (581 ug/L), the highest benzene concentration was in monitoring well RS-11 at 5.8 ug/L, and the highest concentration of MTBE was found in monitoring well RE-3 at 422 ug/L (by EPA method 8260).

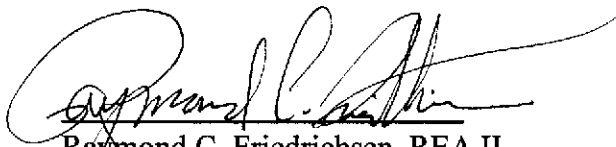
Other Activities

The soil vapor extraction and the groundwater treatment was authorized by the Alameda County Health Care Services to be shut down and removed because of the low to non-detect concentrations of petroleum hydrocarbons. A copy of the Alameda County Health Care Services letter dated February 16, 2000 is presented in **Appendix C**. Prior to receiving the authorization to shut the vapor system down, the vapor extraction system was operational for 292 hours during the reporting period before undergoing repairs. A cumulation total of 5,631 pounds of hydrocarbons had been destroyed by the system as of January 24, 2000 (**Table 2**).

The groundwater system did not operate this reporting period before receiving the authorization to shut down and remove the system.

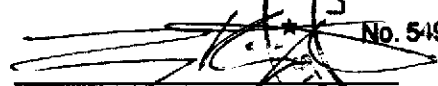
Groundwater monitoring, gauging, and sampling at this site will continue on a quarterly basis.

Written by:

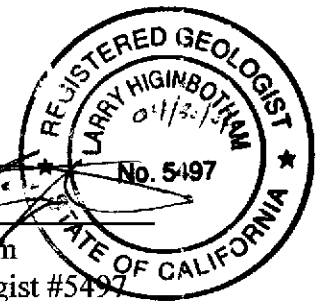


Raymond C. Friedrichsen, REA II
Project Manager
Senior Hydrogeologist

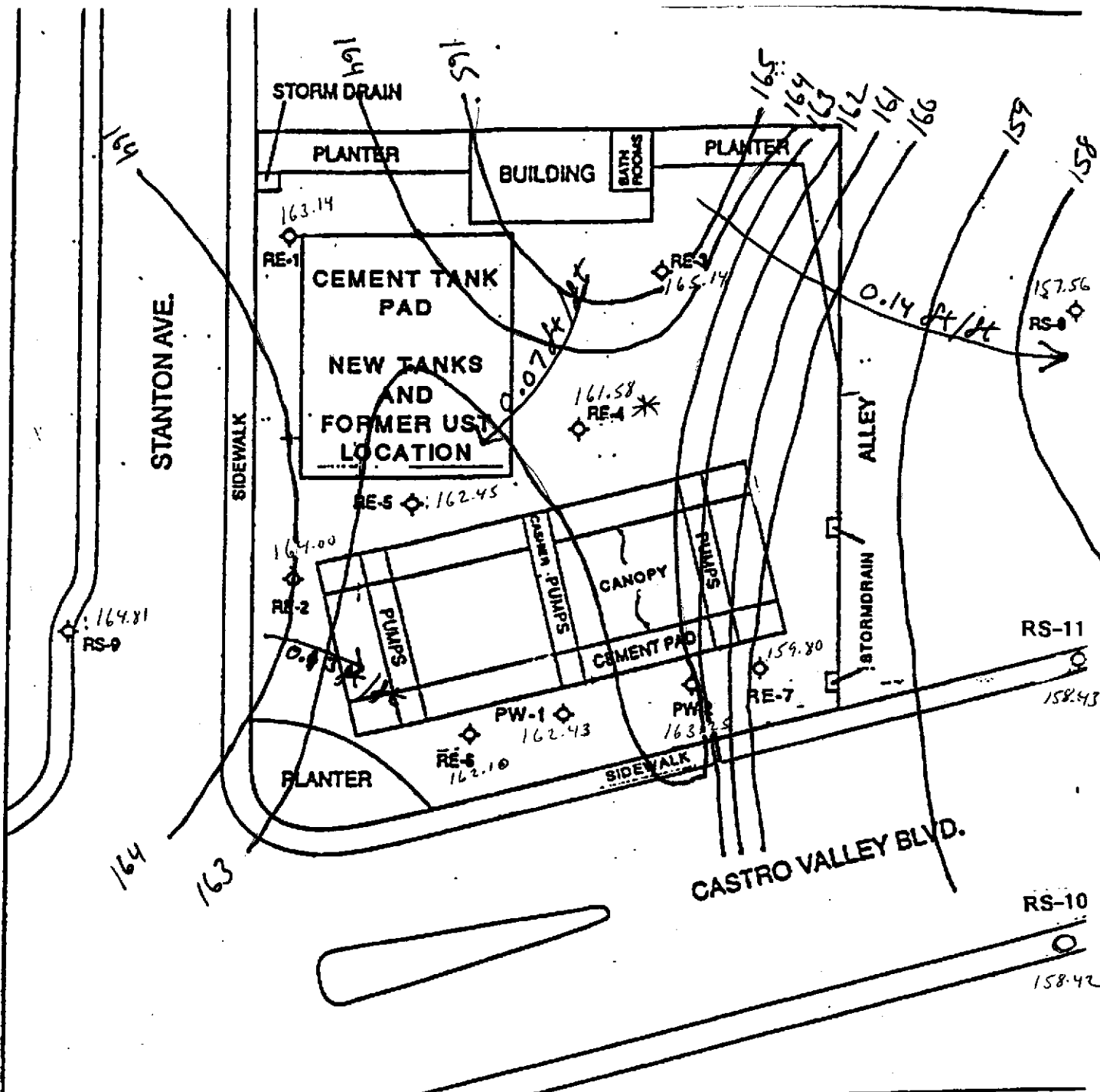
Reviewed by:



Larry Higinbotham
Registered Geologist #5497



FIGURES



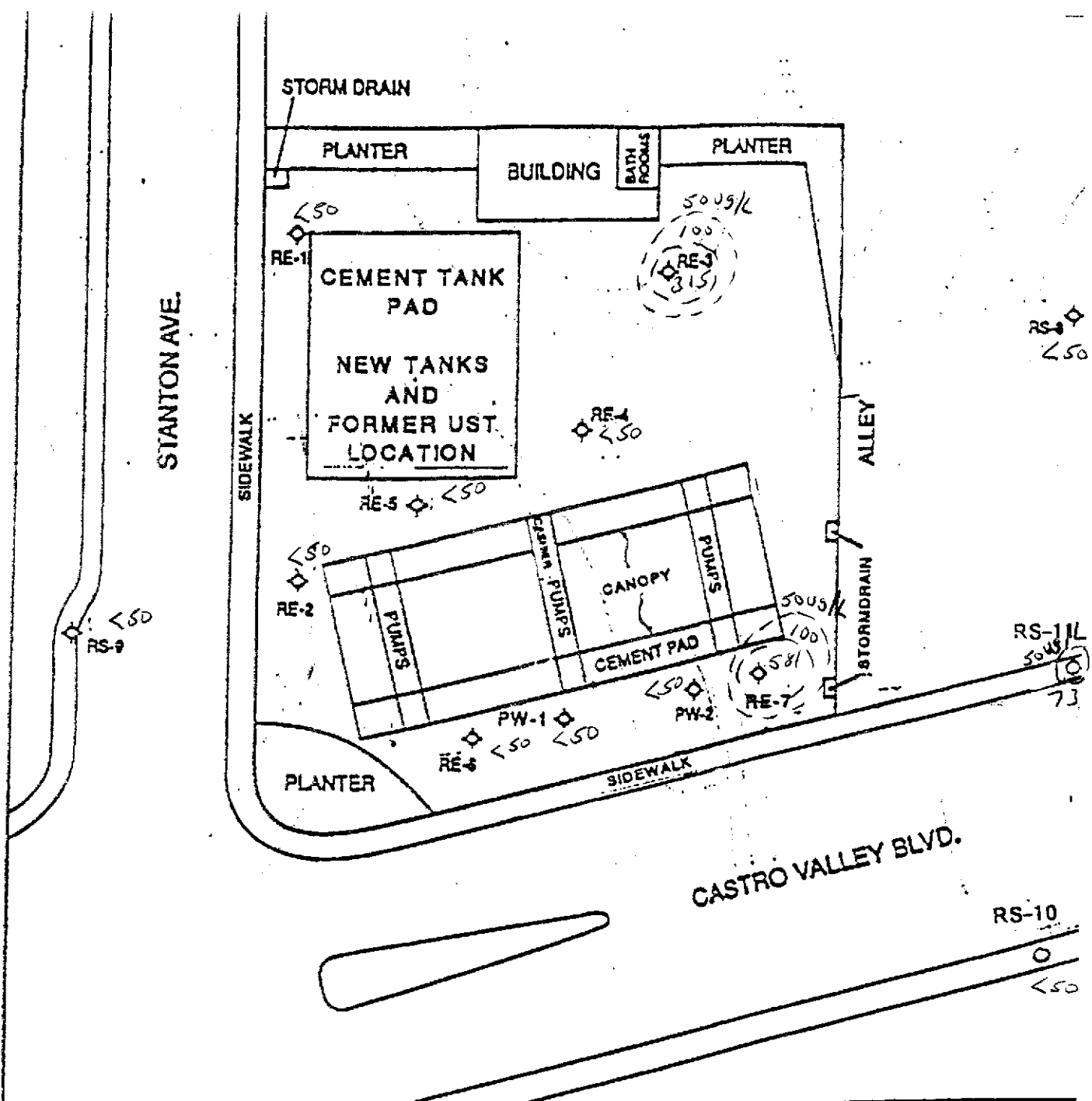
* Results not used for contouring

GROUNDWATER CONTOUR MAP
THRIFTY OIL CO. #054
CASTRO VALLEY, CALIFORNIA
 Prepared for
THRIFTY OIL CO.
SANTA FE, SPRINGS
CALIFORNIA



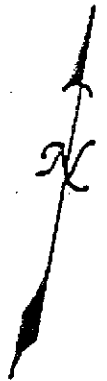
◊ EXISTING MONITORING WELL

FIGURE 1



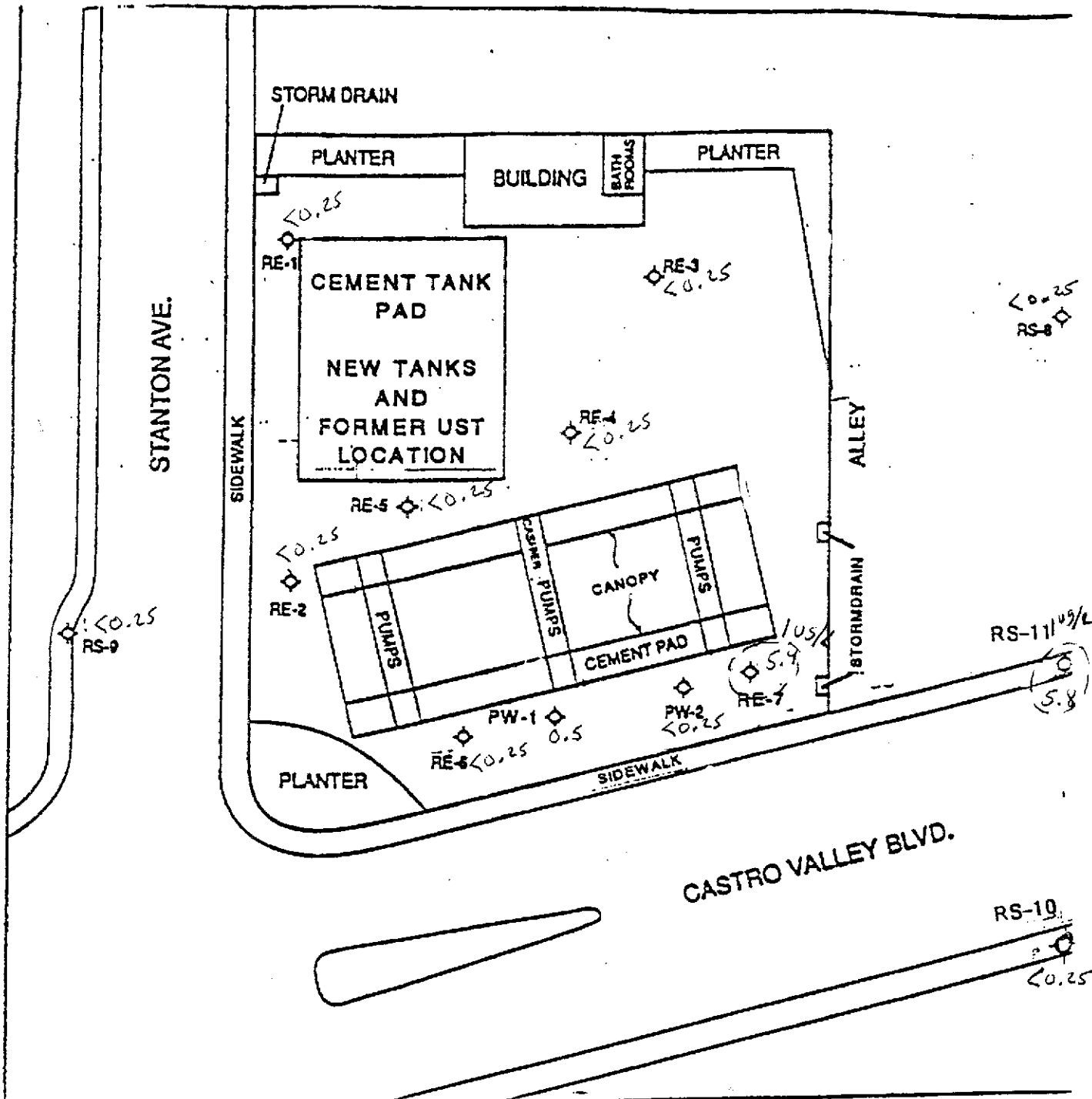
TPH GROUNDWATER ISOCONCENTRATION MAP PPB

THRIFTY OIL CO. #054
 CASTRO VALLEY, CALIFORNIA
 Prepared for
 THRIFTY OIL CO.
 SANTA FE, SPRINGS
 CALIFORNIA



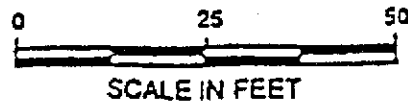
◊ EXISTING MONITORING WELL

FIGURE 2



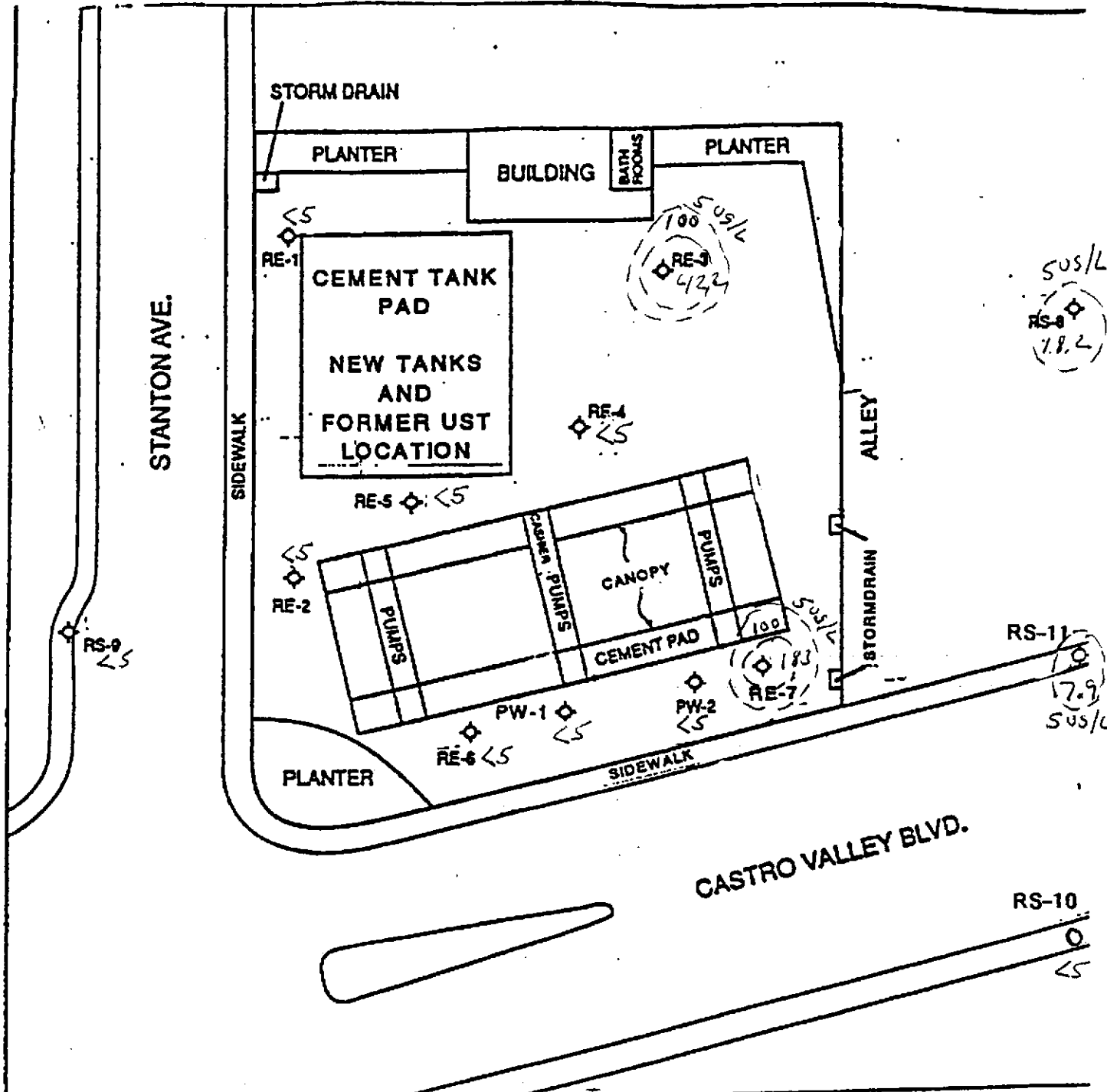
BENZENE ISOCONCENTRATION MAP PPB

THRIFTY OIL CO. #054
 CASTRO VALLEY, CALIFORNIA
 Prepared for
 THRIFTY OIL CO.
 SANTA FE, SPRINGS
 CALIFORNIA



◊ EXISTING MONITORING WELL

FIGURE 3



MTBE ISOCONCENTRATION MAP ug/L
 THRIFTY OIL CO. #054
 CASTRO VALLEY, CALIFORNIA
 Prepared for
 THRIFTY OIL CO.
 SANTA FE, SPRINGS
 CALIFORNIA



◊ EXISTING MONITORING WELL

FIGURE 4

TABLES

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #PW-1											
04/11/88	-	-	-	-	-	-	-	-	-	-	-
04/09/90	230,000	600	2,700	1,000	16,000	-	5.10	NP	0.00	166.46	161.36
10/30/90	35,000	240	970	240	3,580	-	6.17	NP	0.00	166.46	160.29
01/18/91	37,000	43	140	42	1,600	-	6.28	NP	0.00	166.46	160.18
02/12/91	45,000	99	130	25	700	-	5.88	NP	0.00	166.46	160.58
03/20/91	1,900	0.43	ND	ND	2.8	-	4.75	NP	0.00	166.46	161.71
05/22/91	41,000	600	730	250	3,800	-	5.10	NP	0.00	166.46	161.36
06/19/91	-	-	-	-	-	-	5.61	NP	0.00	166.46	160.85
07/17/91	-	-	-	-	-	-	5.53	FILM	0.00	166.46	160.93
08/07/91	-	-	-	-	-	-	5.67	FILM	0.00	166.46	160.79
09/24/91	-	-	-	-	-	-	5.57	FILM	0.00	166.46	160.89
10/23/91	-	-	-	-	-	-	6.53	FILM	0.00	166.46	159.93
11/06/91	-	-	-	-	-	-	5.85	FILM	0.00	166.46	160.61
12/04/91	-	-	-	-	-	-	5.91	FILM	0.00	166.46	160.55
01/29/92	-	-	-	-	-	-	5.43	FILM	0.00	166.46	161.03
02/26/92	-	-	-	-	-	-	5.54	FILM	0.00	166.46	160.92
03/19/92	ND	ND	ND	ND	ND	-	5.47	NP	0.00	166.46	160.99
04/22/92	-	-	-	-	-	-	5.62	FILM	0.00	166.46	160.84
05/21/92	1,300	19	2.9	0.7	58	-	6.21	NP	0.00	166.46	160.25
06/25/92	-	-	-	-	-	-	6.94	NP	0.00	166.46	159.52
07/30/92	-	-	-	-	-	-	5.90	FILM	0.00	166.46	160.56
08/20/92	-	-	-	-	-	-	7.12	FILM	0.00	166.46	159.34
09/30/92	3,400	57	ND	26	240	-	6.42	NP	0.00	166.46	160.04
12/23/92	-	-	-	-	-	-	5.56	FILM	0.00	166.46	160.90
03/10/93	-	-	-	-	-	-	5.65	FILM	0.00	166.46	160.81
06/09/93	400	<0.5	1.1	<1.0	<1.0	-	5.30	NP	0.00	166.46	161.16
09/14/93	180	3.7	3.2	1.5	14	-	5.43	NP	0.00	166.46	161.03
12/14/93	<50	<0.3	<0.3	<0.3	<0.5	-	4.65	NP	0.00	166.46	161.81
03/02/94	<50	<0.3	<0.3	<0.3	<0.5	-	5.43	NP	0.00	166.46	161.03
06/06/94	330	1.3	<0.3	0.88	9.8	-	4.70	NP	0.00	166.46	161.76
09/06/94	1,100	67	<0.3	<0.3	24	-	6.48	NP	0.00	166.46	159.98
12/07/94	<50	<0.3	<0.3	<0.5	<0.5	-	5.22	NP	0.00	166.46	161.24
03/08/95	<100	<0.5	<0.5	<0.5	<1	-	6.94	NP	0.00	166.46	159.52
06/15/95	260	0.8	0.6	<0.5	3.2	-	5.72	NP	0.00	166.46	160.74

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
09/05/95	330	2.1	<0.5	2.1	9.6	-	5.96	NP	0.00	166.46	160.50
11/21/95	660	13	1.3	<0.3	4.0	-	6.04	NP	0.00	166.46	160.42
03/11/96	660	0.94	0.77	<0.3	8.1	-	3.60	NP	0.00	166.46	162.86
06/19/96	120	0.53	<0.3	<0.3	2.3	-	4.80	NP	0.00	166.46	161.66
09/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.10	NP	0.00	166.46	161.36
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	4.92	NP	0.00	166.46	161.54
03/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.50	NP	0.00	166.46	161.96
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-
09/16/97	690	0.97	<0.3	<0.3	<0.5	<20	4.55	NP	0.00	166.46	161.91
12/09/97	640	150	0.64	<0.3	5.2	1,300	5.60	NP	0.00	166.46	160.86
03/03/98	<50	<0.3	0.57	<0.3	<0.5	<20	4.13	NP	0.00	166.46	162.33
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.35	NP	0.00	166.46	160.11
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5	6.40	NP	0.00	166.46	160.06
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.35	NP	0.00	166.46	160.11
06/22/99	<50	<0.3	<0.3	<0.3	<0.5	53	4.95	NP	0.00	166.46	161.51
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.80	NP	0.00	166.46	161.66
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.64	NP	0.00	166.46	162.82
03/23/00	<50	0.5	0.5	1.1	<0.5	<5	4.03	NP	0.00	166.46	162.43
MONITORING WELL PW-2											
04/11/88	-	-	-	-	-	-	-	-	-	-	-
04/09/90	600,000	1,300	11,000	4,600	4,300	-	5.81	NP	0.00	166.18	160.37
10/30/90	48,000	310	51	10	480	-	6.95	NP	0.00	166.18	159.23
01/18/91	86,000	230	1,400	350	8,300	-	6.92	NP	0.00	166.18	159.26
02/12/91	160,000	680	1,300	250	7,000	-	6.78	NP	0.00	166.18	159.40
03/20/91	17,000	34	50	ND	1,100	-	5.54	NP	0.00	166.18	160.64
05/22/91	14,000	57	2,100	500	8,200	-	6.07	NP	0.00	166.18	160.11
06/19/91	-	-	-	-	-	-	6.37	FILM	0.00	166.18	159.81
07/17/91	-	-	-	-	-	-	6.38	FILM	0.00	166.18	159.80
08/07/91	-	-	-	-	-	-	6.63	FILM	0.00	166.18	159.55
09/24/91	-	-	-	-	-	-	6.42	FILM	0.00	166.18	159.76
10/23/91	-	-	-	-	-	-	7.25	FILM	0.00	166.18	158.93
11/06/91	-	-	-	-	-	-	6.44	FILM	0.00	166.18	159.74

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
12/04/91	-	-	-	-	-	-	6.65	FILM	0.00	166.18	159.53
01/29/92	-	-	-	-	-	-	6.17	FILM	0.00	166.18	160.01
02/26/92	-	-	-	-	-	-	5.90	FILM	0.00	166.18	160.28
03/19/92	-	-	-	-	-	-	5.80	FILM	0.00	166.18	160.38
04/22/92	-	-	-	-	-	-	5.88	FILM	0.00	166.18	160.30
05/21/92	-	-	-	-	-	-	6.03	FILM	0.00	166.18	160.15
06/25/92	-	-	-	-	-	-	6.57	FILM	0.00	166.18	159.61
07/30/92	-	-	-	-	-	-	6.20	FILM	0.00	166.18	159.98
08/20/92	-	-	-	-	-	-	6.64	FILM	0.00	166.18	159.54
09/30/92	-	-	-	-	-	-	6.88	FILM	0.00	166.18	159.30
12/23/92	-	-	-	-	-	-	6.08	FILM	0.00	166.18	160.10
03/10/93	-	-	-	-	-	-	5.95	FILM	0.00	166.18	160.23
06/09/93	3,400	24	22	<0.5	240	-	5.38	NP	0.00	166.18	160.80
09/14/93	4,900	190	15	6.8	480	-	6.26	NP	0.00	166.18	159.92
12/14/93	1,700	4.2	<0.3	<0.3	<0.5	-	5.22	NP	0.00	166.18	160.96
03/02/94	-	-	-	-	-	-	5.75	FILM	0.00	166.18	160.43
06/06/94	980	25	1.2	<0.3	42	-	5.25	NP	0.00	166.18	160.93
09/06/94	3,200	95	3.0	<1.7	76	-	6.80	NP	0.00	166.18	159.38
12/07/94	510	1.8	<0.3	<0.5	1.7	-	5.57	NP	0.00	166.18	160.61
03/08/95	1,900	<0.5	<0.5	1.4	35	-	4.10	NP	0.00	166.18	162.08
06/15/95	1,700	5.6	<0.5	<0.5	1.6	-	5.44	NP	0.00	166.18	160.74
09/05/95	2,500	33	1.0	0.86	18	-	6.13	NP	0.00	166.18	160.05
11/21/95	2,800	130	59	18	190	-	6.23	NP	0.00	166.18	159.95
03/11/96	13,000	330	460	<15	3,800	-	4.48	NP	0.00	166.18	161.70
06/19/96	1,400	<0.3	<0.3	<0.3	<0.5	-	5.38	NP	0.00	166.18	160.80
09/16/96	3,500	<0.3	<0.3	<0.3	<0.5	5,900	5.21	NP	0.00	166.18	160.97
12/10/96	2,100	<0.3	<0.3	<0.3	<0.5	4,700	4.87	NP	0.00	166.18	161.31
03/12/97	600	1.6	<0.3	<0.3	5.8	1,100	4.43	NP	0.00	166.18	161.75
06/12/97	270	<0.3	<0.3	<0.3	<0.5	630	-	-	-	-	-
09/10/97	220	<0.3	<0.3	<0.3	<0.5	320	4.07	NP	0.00	166.18	162.11
12/09/97	120	<0.3	0.73	<0.3	<0.5	420	5.20	NP	0.00	166.18	160.98
03/03/98	<50	0.43	0.48	<0.3	<0.5	47	3.30	NP	0.00	166.18	162.88
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.15	NP	0.00	166.18	161.03
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5	4.75	NP	0.00	166.18	161.43

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	Ethyl Benzene (ug/L)	XYLENE (ug/L)	MIBK (ug/L)					
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.40	NP	0.00	166.18	161.78
06/22/99	-	-	-	-	-	-	4.50	NP	0.00	166.18	161.68
09/08/99	100	<0.3	<0.3	<0.3	<0.5	230	3.99	NP	0.00	166.18	162.19
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.62	NP	0.00	166.18	162.56
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	2.93	NP	0.00	166.18	163.25
MONITORING WELL #RE-1											
04/11/88	37,000	1,900	8,400	1,200	15,000	-	-	-	-	-	-
04/09/90	45,000	6,100	7,000	2,000	8,800	-	4.99	NP	0.00	166.82	161.83
10/30/90	72,000	7,700	5,300	1,800	8,900	-	5.95	NP	0.00	166.82	160.87
01/18/91	150,000	11,000	14,000	1,800	4,300	-	5.17	NP	0.00	166.82	161.65
02/12/91	140,000	11,000	12,000	1,600	13,000	-	4.16	NP	0.00	166.82	162.66
03/20/91	53,000	3,100	4,200	400	5,500	-	4.75	NP	0.00	166.82	162.07
05/22/91	85,000	8,700	10,000	1,800	12,000	-	4.42	NP	0.00	166.82	162.40
06/19/91	110,000	8,500	9,600	2,600	16,000	-	4.93	NP	0.00	166.82	161.89
07/17/91	5,500	950	ND	26	ND	-	5.19	NP	0.00	166.82	161.63
08/07/91	-	6,700	5,000	ND	7,100	-	5.12	NP	0.00	166.82	161.70
09/24/91	60,000	6,800	4,300	640	6,900	-	5.87	NP	0.00	166.82	160.95
10/23/91	79,000	7,900	8,300	450	7,100	-	5.81	NP	0.00	166.82	161.01
11/06/91	130,000	14,000	15,000	1,100	8,800	-	5.56	NP	0.00	166.82	161.26
12/04/91	50,000	8,000	4,700	520	4,100	-	5.35	NP	0.00	166.82	161.47
01/29/92	21,000	10,300	11,000	780	6,000	-	4.50	NP	0.00	166.82	162.32
02/26/92	38,000	8,400	10,500	720	7,100	-	5.27	NP	0.00	166.82	161.55
03/19/92	48,000	6,200	9,700	780	7,200	-	4.47	NP	0.00	166.82	162.35
04/22/92	-	-	-	-	-	-	4.62	NP	0.00	166.82	162.20
05/21/92	20,000	7,600	10,100	830	6,900	-	4.98	NP	0.00	166.82	161.84
06/25/92	-	-	-	-	-	-	5.14	FILM	0.00	166.82	161.68
07/30/92	-	-	-	-	-	-	5.30	FILM	0.00	166.82	161.52
08/20/92	-	-	-	-	-	-	5.28	FILM	0.00	166.82	161.54
09/30/92	-	-	-	-	-	-	5.66	FILM	0.00	166.82	161.16
12/23/92	-	-	-	-	-	-	4.81	FILM	0.00	166.82	162.01
03/10/93	-	-	-	-	-	-	4.13	FILM	0.00	166.82	162.69
06/09/93	-	-	-	-	-	-	4.48	FILM	0.00	166.82	162.34
09/14/93	19,000	3,600	1,100	740	4,300	-	5.35	NP	0.00	166.82	161.47

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	MIBK (ug/L)					
12/14/93	38,000	4,300	1,300	<6.6	11	-	4.38	NP	0.00	166.82	162.44
03/02/94	-	-	-	-	-	-	4.22	FILM	0.00	166.82	162.60
06/06/94	-	-	-	-	-	-	2.16	FILM	0.00	166.82	164.66
09/06/94	74,000	3,300	3,900	1,200	6,100	-	5.00	NP	0.00	166.82	161.82
12/07/94	30,000	3,200	2,900	1,200	4,600	-	4.10	NP	0.00	166.82	162.72
03/08/95	28,000	4,200	2,300	810	7,800	-	3.92	NP	0.00	166.82	162.90
06/15/95	-	-	-	-	-	-	-	-	-	-	-
09/05/95	-	-	-	-	-	-	4.78	FILM	0.00	166.82	162.04
11/21/95	-	-	-	-	-	-	4.82	NP	0.00	166.82	162.00
03/11/96	270	2.4	6.0	4.5	19	-	3.32	NP	0.00	166.82	163.50
06/19/96	3,000	570	63	<1.5	400	-	4.20	NP	0.00	166.82	162.62
09/16/96	7,700	440	69	<1.5	680	230	4.68	NP	0.00	166.82	162.14
12/10/96	52	<0.3	<0.3	<0.3	<0.5	120	4.93	NP	0.00	166.82	161.89
03/12/97	8,700	180	5.4	40	1,100	130	4.10	NP	0.00	166.82	162.72
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	36	-	-	-	-	-
09/16/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.55	NP	0.00	166.82	162.27
12/09/97	<50	<0.3	0.44	<0.3	<0.5	<20	5.30	NP	0.00	166.82	161.52
03/03/98	1,100	13	0.51	<0.3	<0.5	220	4.55	NP	0.00	166.82	162.27
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	60	<0.3	<0.3	<0.3	<0.5	180	6.05	NP	0.00	166.82	160.77
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5	5.65	NP	0.00	166.82	161.17
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.68	NP	0.00	166.82	161.14
06/22/99	880	14	0.98	<0.3	8.1	260	4.95	NP	0.00	166.82	161.87
09/08/99	72	<0.3	<0.3	<0.3	<0.5	120	4.46	NP	0.00	166.82	162.36
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.08	NP	0.00	166.82	162.74
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	3.68	NP	0.00	166.82	163.14
MONITORING WELL #RE-2											
04/11/88	-	-	-	-	-	-	-	-	-	-	-
04/09/90	850	5.8	0.5	4.8	1.1	-	4.90	NP	0.00	167.19	162.29
10/30/90	440	2.8	0.91	13	3.14	-	5.34	NP	0.00	167.19	161.85
01/18/91	1,100	8.4	3.1	ND	10	-	4.90	NP	0.00	167.19	162.29
02/12/91	1,100	5.9	ND	1.77	ND	-	4.94	NP	0.00	167.19	162.25
03/20/91	550	4.3	ND	ND	ND	-	4.32	NP	0.00	167.19	162.87

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
05/22/91	1,000	5.3	3.6	4.4	8.9	-	4.43	NP	0.00	167.19	162.76
06/19/91	700	2.1	1.4	3.8	3.5	-	6.43	NP	0.00	167.19	160.76
07/17/91	880	12	8.0	4.3	28	-	4.75	NP	0.00	167.19	162.44
08/07/91	-	3.8	1.6	ND	ND	-	4.87	NP	0.00	167.19	162.32
09/24/91	670	7.2	7.1	ND	23	-	5.50	NP	0.00	167.19	161.69
10/23/91	2,700	52	60	22	130	-	5.63	NP	0.00	167.19	161.56
11/06/91	1,900	18	61	9.1	83	-	5.14	NP	0.00	167.19	162.05
12/04/91	1,100	26	47	4.3	42	-	5.26	NP	0.00	167.19	161.93
01/29/92	900	14	24	5.3	19	-	5.11	NP	0.00	167.19	162.08
02/26/92	500	3.4	3.5	2.7	2.7	-	4.31	NP	0.00	167.19	162.88
03/19/92	1,200	14	20	15	18	-	4.45	NP	0.00	167.19	162.74
04/22/92	200	ND	ND	ND	ND	-	4.78	NP	0.00	167.19	162.41
05/21/92	500	7.5	6.8	3.9	7.4	-	5.02	NP	0.00	167.19	162.17
06/25/92	ND	ND	0.9	0.7	ND	-	5.13	NP	0.00	167.19	162.06
07/30/92	500	7.7	8.6	3.2	1.7	-	5.19	NP	0.00	167.19	162.00
08/20/92	1,100	6.6	4.5	2.7	2.0	-	5.27	NP	0.00	167.19	161.92
09/30/92	500	5.4	2.4	1.8	4.5	-	5.45	NP	0.00	167.19	161.74
12/23/92	800	1.9	ND	ND	2.3	-	4.60	NP	0.00	167.19	162.59
03/10/93	1,200	ND	1.4	ND	2.1	-	4.18	NP	0.00	167.19	163.01
06/09/93	200	ND	ND	ND	ND	-	4.53	NP	0.00	167.19	162.66
09/17/93	360	1.6	1.1	3.2	8.9	-	5.26	NP	0.00	167.19	161.93
12/14/93	260	5.6	3.9	<0.3	21.0	-	2.75	NP	0.00	167.19	164.44
03/02/94	410	<0.3	<0.3	<0.3	<0.5	-	4.27	NP	0.00	167.19	162.92
06/06/94	760	4.6	<0.3	0.32	1.3	-	4.88	NP	0.00	167.19	162.31
09/06/94	1,300	43	45	8.9	69	-	5.16	NP	0.00	167.19	162.03
12/07/94	-	-	-	-	-	-	4.16	NP	0.00	167.19	163.03
03/08/95	<100	<0.5	<0.5	<0.5	<1	-	3.96	NP	0.00	167.19	163.23
06/15/95	130	<0.5	<0.5	<0.5	<1	-	4.52	NP	0.00	167.19	162.67
09/05/95	210	<0.5	<0.5	<0.5	<1	-	4.76	NP	0.00	167.19	162.43
11/21/95	160	0.65	<0.3	0.35	0.95	-	4.83	NP	0.00	167.19	162.36
03/11/96	<50	<0.3	<0.3	<0.3	<0.5	-	3.36	NP	0.00	167.19	163.83
06/19/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.68	NP	0.00	167.19	162.51
09/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.10	NP	0.00	167.19	162.09
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	4.47	NP	0.00	167.19	162.72
03/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.05	NP	0.00	167.19	163.14

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.08	NP	0.00	167.19	163.11
12/09/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.40	NP	0.00	167.19	162.79
03/03/98	<50	<0.3	<0.3	<0.3	<0.5	<20	3.30	NP	0.00	167.19	163.89
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	15	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.93	NP	0.00	167.19	162.26
12/30/98	460	0.92	<0.3	<0.3	<0.5	1,400	4.20	NP	0.00	167.19	162.99
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.20	NP	0.00	167.19	162.99
06/22/99	2,900	7.4	<0.3	0.43	4.1	4,500	3.70	NP	0.00	167.19	163.49
09/08/99	1,400	<3	<3	<3	<5	3,200	3.96	NP	0.00	167.19	163.23
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.58	NP	0.00	167.19	163.61
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	3.19	NP	0.00	167.19	164.00
MONITORING WELL #RE-3											
04/11/88	70,000	6,600	5,300	800	13,000	-	-	-	-	-	-
04/09/90	370,000	2,300	4,900	3,200	31,000	-	7.15	NP	0.00	167.39	160.24
10/30/90	13,000	860	660	220	2,210	-	7.84	NP	0.00	167.39	159.55
01/18/91	42,000	4,700	4,500	21	7,700	-	6.90	NP	0.00	167.39	160.49
02/12/91	72,000	3,600	4,500	ND	7,600	-	6.62	NP	0.00	167.39	160.77
03/20/91	65,000	2,400	9,400	50	9,800	-	5.87	NP	0.00	167.39	161.52
05/22/91	-	-	-	-	-	-	5.98	FILM	0.00	167.39	161.41
06/19/91	-	-	-	-	-	-	6.84	FILM	0.00	167.39	160.55
07/17/91	-	-	-	-	-	-	7.10	FILM	0.00	167.39	160.29
08/07/91	-	-	-	-	-	-	7.30	FILM	0.00	167.39	160.09
09/24/91	-	-	-	-	-	-	7.84	FILM	0.00	167.39	159.55
10/23/91	-	-	-	-	-	-	8.07	FILM	0.00	167.39	159.32
11/06/91	-	-	-	-	-	-	7.63	FILM	0.00	167.39	159.76
12/04/91	-	-	-	-	-	-	7.83	FILM	0.00	167.39	159.56
01/29/92	-	-	-	-	-	-	7.17	FILM	0.00	167.39	160.22
02/26/92	-	-	-	-	-	-	5.56	FILM	0.00	167.39	161.83
03/19/92	-	-	-	-	-	-	5.44	FILM	0.00	167.39	161.95
04/22/92	-	-	-	-	-	-	6.56	FILM	0.00	167.39	160.83
05/21/92	-	-	-	-	-	-	6.90	FILM	0.00	167.39	160.49
06/25/92	-	-	-	-	-	-	7.18	FILM	0.00	167.39	160.21

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
07/30/92	-	-	-	-	-	-	6.80	FILM	0.00	167.39	160.59
08/20/92	-	-	-	-	-	-	7.25	FILM	0.00	167.39	160.14
09/30/92	-	-	-	-	-	-	7.68	FILM	0.00	167.39	159.71
12/23/92	-	-	-	-	-	-	6.07	FILM	0.00	167.39	161.32
03/10/93	-	-	-	-	-	-	5.66	FILM	0.00	167.39	161.73
06/09/93	-	-	-	-	-	-	6.66	FILM	0.00	167.39	160.73
09/14/93	40,000	2,900	1,500	180	6,900	-	7.30	NP	0.00	167.39	160.09
12/14/93	-	-	-	-	-	-	5.95	NP	0.00	167.39	161.44
03/02/94	-	-	-	-	-	-	5.08	NP	0.00	167.39	162.31
06/06/94	-	-	-	-	-	-	6.35	FILM	0.00	167.39	161.04
09/06/94	11,000	260	26	<6.6	1,000	-	7.50	NP	0.00	167.39	159.89
12/07/94	-	-	-	-	-	-	5.48	FILM	0.00	167.39	161.91
03/08/95	-	-	-	-	-	-	5.18	FILM	0.00	167.39	162.21
06/15/95	-	-	-	-	-	-	-	-	-	-	-
09/05/95	-	-	-	-	-	-	6.84	FILM	0.00	167.39	160.55
11/21/95	10,000	210	<3	4.5	330	-	7.38	NP	0.00	167.39	160.01
03/11/96	1,600	640	15	10	46	-	4.85	NP	0.00	167.39	162.54
06/19/96	2,100	280	<3	<3	120	-	5.80	NP	0.00	167.39	161.59
09/16/96	140	<0.3	<0.3	<0.3	<0.5	110	4.50	NP	0.00	167.39	162.89
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.35	NP	0.00	167.39	162.04
03/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	3.48	NP	0.00	167.39	163.91
06/12/97	<50	<0.3	<0.3	<0.3	0.58	<20	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	3.10	NP	0.00	167.39	164.29
12/09/97	3,600	1,000	1,000	<6	570	260	4.55	NP	0.00	167.39	162.84
03/03/98	2,800	20	0.65	0.39	16	5,600	2.30	NP	0.00	167.39	165.09
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	23	4.95	NP	0.00	167.39	162.44
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5	4.55	NP	0.00	167.39	162.84
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.15	NP	0.00	167.39	163.24
06/22/99	670	17	1.2	0.36	1.7	340	3.85	NP	0.00	167.39	163.54
09/08/99	140	0.72	<0.3	<0.3	<0.5	230	2.63	NP	0.00	167.39	164.76
12/01/99	95	<0.3	<0.3	<0.3	<0.5	200	2.63	NP	0.00	167.39	164.76
03/23/00	315	<0.25	<0.25	<0.25	<0.5	*293/422	2.25	NP	0.00	167.39	165.14

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	MIBB (ug/L)					
MONITORING WELL #RE-4											
04/11/88	15,000	12,000	8,000	1,000	2,700	-	-	-	-	-	-
04/09/90	-	-	-	-	-	-	-	-	-	-	-
10/30/90	87,000	7,200	10,000	1,600	12,900	-	7.04	NP	0.00	166.94	159.90
01/18/91	70,000	5,000	5,400	790	9,900	-	11.62	NP	0.00	166.94	155.32
02/12/91	87,000	5,200	2,800	240	11,000	-	11.63	NP	0.00	166.94	155.31
03/20/91	6,500	370	230	17	670	-	11.61	NP	0.00	166.94	155.33
05/22/91	-	-	-	-	-	-	10.30	FILM	0.00	166.94	156.64
06/19/91	-	-	-	-	-	-	11.10	FILM	0.00	166.94	155.84
07/17/91	-	-	-	-	-	-	6.20	FILM	0.00	166.94	160.74
08/17/91	-	-	-	-	-	-	8.15	FILM	0.00	166.94	158.79
09/24/91	-	-	-	-	-	-	10.40	FILM	0.00	166.94	156.54
10/23/91	-	-	-	-	-	-	11.20	FILM	0.00	166.94	155.74
11/06/91	-	-	-	-	-	-	6.62	FILM	0.00	166.94	160.32
12/04/91	-	-	-	-	-	-	11.20	FILM	0.00	166.94	155.74
01/29/92	-	-	-	-	-	-	7.72	FILM	0.00	166.94	159.22
02/26/92	-	-	-	-	-	-	5.13	FILM	0.00	166.94	161.81
03/19/92	-	-	-	-	-	-	5.00	FILM	0.00	166.94	161.94
04/22/92	-	-	-	-	-	-	5.94	FILM	0.00	166.94	161.00
05/21/92	-	-	-	-	-	-	5.40	FILM	0.00	166.94	161.54
06/25/92	-	-	-	-	-	-	5.71	FILM	0.00	166.94	161.23
07/30/92	-	-	-	-	-	-	6.33	FILM	0.00	166.94	160.61
08/20/92	-	-	-	-	-	-	5.80	FILM	0.00	166.94	161.14
09/30/92	-	-	-	-	-	-	6.34	FILM	0.00	166.94	160.60
12/23/92	-	-	-	-	-	-	5.50	FILM	0.00	166.94	161.44
03/10/93	-	-	-	-	-	-	4.67	FILM	0.00	166.94	162.27
06/09/93	-	-	-	-	-	-	5.12	FILM	0.00	166.94	161.82
09/14/93	-	-	-	-	-	-	10.44	NP	0.00	166.94	156.50
12/14/93	-	-	-	-	-	-	7.52	NP	0.00	166.94	159.42
03/02/94	-	-	-	-	-	-	4.85	NP	0.00	166.94	162.09
06/06/94	-	-	-	-	-	-	5.20	FILM	0.00	166.94	161.74
09/06/94	-	-	-	-	-	-	9.85	FILM	0.00	166.94	157.09
12/07/94	-	-	-	-	-	-	5.20	FILM	0.00	166.94	161.74
03/08/95	-	-	-	-	-	-	4.98	FILM	0.00	166.94	161.96
06/15/95	-	-	-	-	-	-	-	-	-	-	-

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	MIBK (ug/L)					
09/05/95	-	-	-	-	-	-	13.72	FILM	0.00	166.94	153.22
11/21/95	32,000	46	21	66	340	-	12.53	NP	0.00	166.94	154.41
03/11/96	1,700	130	15	2.0	120	-	4.72	NP	0.00	166.94	162.22
06/19/96	1,700	230	30	0.35	100	-	5.40	NP	0.00	166.94	161.54
09/16/96	510	<0.3	0.73	<0.3	<0.5	800	5.18	NP	0.00	166.94	161.76
12/10/96	520	<0.3	<0.3	<0.3	<0.5	1,000	4.65	NP	0.00	166.94	162.29
03/12/97	420	3.2	<0.3	<0.3	11	370	3.87	NP	0.00	166.94	163.07
06/12/97	510	0.66	<0.3	<0.3	<0.5	1,600	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.40	NP	0.00	166.94	161.54
12/09/97	1,400	330	2.3	<0.3	1.5	2,500	4.60	NP	0.00	166.94	162.34
03/03/98	3,000	400	0.61	0.5	97	3,800	5.05	NP	0.00	166.94	161.89
07/08/98	650	<0.3	<0.3	<0.3	<0.5	1,800	-	-	-	-	-
09/10/98	2,700	<0.3	<0.3	<0.3	1.4	7,600	4.60	NP	0.00	166.94	162.34
12/30/98	530	<0.3	<0.3	<0.3	<0.5	1,500	4.20	NP	0.00	166.94	162.74
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.85	NP	0.00	166.94	163.09
06/22/99	1,200	23	1.5	<0.3	2.4	1,400	3.90	NP	0.00	166.94	163.04
09/08/99	590	1.5	<0.6	<0.6	<1	1,100	5.72	NP	0.00	166.94	161.22
12/01/99	540	<0.3	<0.3	<0.3	<0.5	880	5.34	NP	0.00	166.94	161.60
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	5.36	NP	0.00	166.94	161.58
MONITORING WELL #RE-5											
04/11/88	14,000	1,300	1,100	100	2,600	-	-	-	-	-	-
04/09/90	3,000	690	190	40	270	-	4.79	NP	0.00	166.51	161.72
10/30/90	3,400	910	48	87	249	-	5.86	NP	0.00	166.51	160.65
01/18/91	1,400	180	8.6	0.52	48	-	4.40	NP	0.00	166.51	162.11
02/12/91	1,000	ND	ND	0.65	ND	-	4.76	NP	0.00	166.51	161.75
03/20/91	3,000	250	53	ND	110	-	5.08	NP	0.00	166.51	161.43
05/22/91	2,500	330	7.8	5.6	200	-	4.52	NP	0.00	166.51	161.99
01/19/91	2,000	59	1.6	5.1	110	-	4.39	NP	0.00	166.51	162.12
07/17/91	-	-	-	-	-	-	5.05	FILM	0.00	166.51	161.46
08/07/91	-	-	-	-	-	-	5.02	FILM	0.00	166.51	161.49
09/24/91	-	-	-	-	-	-	5.86	FILM	0.00	166.51	160.65
10/23/91	-	-	-	-	-	-	5.84	FILM	0.00	166.51	160.67
11/06/91	9,900	2,300	37	260	160	-	5.48	NP	0.00	166.51	161.03

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	Ethyl Benzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
12/04/91	4,500	1,000	27	ND	180	-	5.43	NP	0.00	166.51	161.08
01/29/92	600	6.1	2.3	ND	47	-	5.12	NP	0.00	166.51	161.39
02/26/92	500	5.4	2.7	1.2	14	-	4.93	NP	0.00	166.51	161.58
03/19/92	ND	1.7	1.1	ND	5.5	-	4.45	NP	0.00	166.51	162.06
04/22/92	1,600	240	2.2	ND	160	-	4.63	NP	0.00	166.51	161.88
05/21/92	1,200	410	37	ND	118	-	4.90	NP	0.00	166.51	161.61
06/25/92	ND	1.0	0.8	0.8	0.4	-	5.15	NP	0.00	166.51	161.36
07/30/92	ND	2.0	1.8	1.9	6.4	-	5.30	NP	0.00	166.51	161.21
08/20/92	300	1.7	3.3	0.7	12	-	5.44	NP	0.00	166.51	161.07
09/30/92	1,900	140	ND	19	35	-	5.73	NP	0.00	166.51	160.78
12/23/92	400	8.0	ND	ND	ND	-	4.75	NP	0.00	166.51	161.76
03/10/93	1,100	290	9.7	ND	75	-	4.14	NP	0.00	166.51	162.37
06/09/93	400	1.5	0.5	ND	12	-	5.42	NP	0.00	166.51	161.09
09/14/93	240	6.9	8.8	1.4	67	-	5.53	NP	0.00	166.51	160.98
12/14/93	3,300	510	5.4	4.1	55	-	478	NP	0.00	166.51	-311.49
03/02/94	2,400	270	4.5	<0.3	13	-	4.20	NP	0.00	166.51	162.31
06/06/94	730	<0.3	<0.3	0.70	22	-	5.13	NP	0.00	166.51	161.38
09/06/94	2,400	180	28	2.3	76	-	5.45	NP	0.00	166.51	161.06
12/07/94	540	5.6	<0.3	<0.5	6.9	-	4.13	NP	0.00	166.51	162.38
03/08/95	1,500	220	5.5	<0.5	83	-	5.20	NP	0.00	166.51	161.31
06/15/95	3,200	820	53	6.2	74	-	4.93	NP	0.00	166.51	161.58
09/05/95	4,400	440	22	<2.5	57	-	5.03	NP	0.00	166.51	161.48
11/21/95	660	3.4	<0.3	<0.3	0.6	-	5.23	NP	0.00	166.51	161.28
03/11/96	1,000	76	2.2	<0.3	130	-	4.16	NP	0.00	166.51	162.35
06/09/96	90	<0.3	<0.3	<0.3	<0.5	-	5.42	NP	0.00	166.51	161.09
09/16/96	1,900	5.8	<0.3	<0.3	5.9	1,100	5.20	NP	0.00	166.51	161.31
12/10/96	740	<0.3	<0.3	<0.3	<0.5	1,300	5.27	NP	0.00	166.51	161.24
03/12/97	2,000	600	59	5.1	54	1,300	3.85	NP	0.00	166.51	162.66
06/12/97	230	<0.3	<0.3	<0.3	<0.5	720	-	-	-	-	-
09/10/97	210	<0.3	<0.3	<0.3	<0.5	210	4.10	NP	0.00	166.51	162.41
12/09/97	11,000	2,500	2,700	<6	1,500	510	5.20	NP	0.00	166.51	161.31
03/03/98	<50	<0.3	<0.3	<0.3	<0.5	<20	3.70	NP	0.00	166.51	162.81
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	6.77	NP	0.00	166.51	159.74
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.95	NP	0.00	166.51	160.56

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	MIBP (ug/L)					
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.25	NP	0.00	166.51	161.26
06/22/99	110	<0.3	<0.3	<0.3	<0.5	200	4.50	NP	0.00	166.51	162.01
09/08/99	68	<0.3	<0.3	<0.3	<0.5	110	4.43	NP	0.00	166.51	162.08
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.66	NP	0.00	166.51	162.85
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.06	NP	0.00	166.51	162.45
MONITORING WELL #RE-6											
04/11/88	6,000	3,000	40	80	140	-	-	-	-	-	-
04/09/90	3,000	990	ND	70	ND	-	5.64	NP	0.00	166.51	160.87
10/30/90	3,400	1,000	28	ND	ND	-	6.68	NP	0.00	166.51	159.83
01/18/91	6,300	1,200	ND	3.0	15	-	6.61	NP	0.00	166.51	159.90
02/12/91	5,200	850	8.4	4.9	41	-	6.20	NP	0.00	166.51	160.31
03/20/91	5,800	680	12	8.0	16	-	5.62	NP	0.00	166.51	160.89
05/22/91	8,500	1,700	14	24	6.7	-	6.05	NP	0.00	166.51	160.46
06/19/91	-	-	-	-	-	-	6.12	FILM	0.00	166.51	160.39
07/17/91	120,000	9,300	13,000	2,400	16,000	-	6.20	NP	0.00	166.51	160.31
08/07/91	-	590	5.3	ND	14	-	6.27	NP	0.00	166.51	160.24
09/24/91	7,000	310	11	5.3	35	-	6.63	NP	0.00	166.51	159.88
10/23/91	-	-	-	-	-	-	6.36	FILM	0.00	166.51	160.15
11/06/91	4,000	710	18	29	49	-	6.15	NP	0.00	166.51	160.36
12/04/91	4,100	1,100	14	33	39	-	6.19	NP	0.00	166.51	160.32
01/29/92	2,600	790	14	ND	49	-	6.70	NP	0.00	166.51	159.81
02/26/92	3,100	950	21	30	33	-	5.44	NP	0.00	166.51	161.07
03/19/92	2,200	630	14	12	40	-	5.30	NP	0.00	166.51	161.21
04/22/92	-	730	2.2	ND	40	-	6.00	NP	0.00	166.51	160.51
05/21/92	1,500	840	7.8	7.1	34	-	6.25	NP	0.00	166.51	160.26
06/25/92	<2000	740	8.0	27	28	-	6.38	NP	0.00	166.51	160.13
07/30/92	-	-	-	-	-	-	6.42	FILM	0.00	166.51	160.09
08/20/92	2,800	630	17	23	22	-	6.50	NP	0.00	166.51	160.01
09/30/92	7,800	540	ND	12	29	-	6.66	NP	0.00	166.51	159.85
12/23/92	1,800	350	ND	7.7	11	-	5.83	NP	0.00	166.51	160.68
03/10/93	3,000	830	5.6	19	16	-	5.63	NP	0.00	166.51	160.88
06/09/93	4,800	920	6.2	3.2	12	-	6.01	NP	0.00	166.51	160.50
09/14/93	3,600	660	7.5	11	27	-	6.53	NP	0.00	166.51	159.98

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	MIBL (ug/L)					
12/14/93	1,500	200	<0.3	<0.3	8.8	-	3.58	NP	0.00	166.51	162.93
03/02/94	-	-	-	-	-	-	5.12	NP	0.00	166.51	161.39
06/06/94	2,400	290	4.6	1.3	24	-	1.85	NP	0.00	166.51	164.66
09/06/94	4,300	230	21	<6.6	130	-	6.40	NP	0.00	166.51	160.11
12/07/94	1,500	17	2.5	3.2	22	-	5.68	NP	0.00	166.51	160.83
03/08/95	2,500	460	5.5	2.1	51	-	5.12	NP	0.00	166.51	161.39
06/15/95	2,300	91	1.1	0.7	97	-	5.72	NP	0.00	166.51	160.79
09/05/95	3,300	60	<10	<10	74	-	5.94	NP	0.00	166.51	160.57
11/21/95	2,000	7.3	<0.3	0.56	8.7	-	6.24	NP	0.00	166.51	160.27
03/11/96	840	43	0.96	5.7	14	-	5.16	NP	0.00	166.51	161.35
06/19/96	1,800	160	2.7	9.9	25	-	5.80	NP	0.00	166.51	160.71
09/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.38	NP	0.00	166.51	161.13
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	5.62	NP	0.00	166.51	160.89
03/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.20	NP	0.00	166.51	161.31
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-
09/10/97	440	<0.3	<0.3	<0.3	<0.5	320	5.20	NP	0.00	166.51	161.31
12/09/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.97	NP	0.00	166.51	160.54
03/03/98	400	7.0	<0.3	<0.3	4.3	65	4.45	NP	0.00	166.51	162.06
07/08/98	300	<0.3	<0.3	<0.3	1.0	35	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.90	NP	0.00	166.51	160.61
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.20	NP	0.00	166.51	161.31
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	8.4	4.82	NP	0.00	166.51	161.69
06/22/99	700	11	1.9	<0.3	3.9	140	6.00	NP	0.00	166.51	160.51
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.15	NP	0.00	166.51	161.36
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	12	4.02	NP	0.00	166.51	162.49
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.41	NP	0.00	166.51	162.10
MONITORING WELL #RE-7											
04/11/88	<50,000	17,000	4,400	600	8,400	-	-	-	-	-	-
04/09/90	16,000	7,000	1,200	640	1,600	-	5.93	NP	0.00	166.04	160.11
10/30/90	31,000	14,000	ND	ND	ND	-	8.21	NP	0.00	166.04	157.83
01/18/91	-	-	-	-	-	-	11.80	NP	0.00	166.04	154.24
02/12/91	-	-	-	-	-	-	10.80	FILM	0.00	166.04	155.24
03/20/91	120,000	12,000	2,800	490	6,600	-	9.96	NP	0.00	166.04	156.08

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
05/22/91	-	-	-	-	-	-	11.70	FILM	0.00	166.04	154.34
06/19/91	-	-	-	-	-	-	11.50	FILM	0.00	166.04	154.54
07/17/91	-	-	-	-	-	-	7.80	FILM	0.00	166.04	158.24
08/07/91	-	-	-	-	-	-	9.88	0.03	9.85	166.04	163.60
09/24/91	-	-	-	-	-	-	9.85	0.03	9.82	166.04	163.60
10/23/91	-	-	-	-	-	-	9.96	FILM	0.00	166.04	156.08
11/06/91	-	-	-	-	-	-	6.77	FILM	0.00	166.04	159.27
12/04/91	-	-	-	-	-	-	10.80	FILM	0.00	166.04	155.24
01/29/92	-	-	-	-	-	-	8.64	FILM	0.00	166.04	157.40
02/26/92	-	-	-	-	-	-	6.00	FILM	0.00	166.04	160.04
03/19/92	-	-	-	-	-	-	5.55	FILM	0.00	166.04	160.49
04/22/92	-	-	-	-	-	-	6.12	FILM	0.00	166.04	159.92
05/21/92	-	-	-	-	-	-	6.40	FILM	0.00	166.04	159.64
06/25/92	-	-	-	-	-	-	6.73	0.02	6.71	166.04	164.38
07/30/92	-	-	-	-	-	-	6.73	FILM	0.00	166.04	159.31
08/20/92	-	-	-	-	-	-	6.82	FILM	0.00	166.04	159.22
09/30/92	-	-	-	-	-	-	7.26	FILM	0.00	166.04	158.78
12/23/92	-	-	-	-	-	-	6.22	FILM	0.00	166.04	159.82
03/10/93	-	-	-	-	-	-	5.82	FILM	0.00	166.04	160.22
06/09/93	-	-	-	-	-	-	6.17	FILM	0.00	166.04	159.87
09/14/93	-	-	-	-	-	-	11.33	NP	0.00	166.04	154.71
12/14/93	-	-	-	-	-	-	8.40	NP	0.00	166.04	157.64
03/02/94	-	-	-	-	-	-	6.82	NP	0.00	166.04	159.22
06/06/94	-	-	-	-	-	-	10.95	FILM	0.00	166.04	155.09
09/06/94	-	-	-	-	-	-	11.30	FILM	0.00	166.04	154.74
12/07/94	-	-	-	-	-	-	5.63	FILM	0.00	166.04	160.41
03/08/95	-	-	-	-	-	-	5.06	FILM	0.00	166.04	160.98
06/15/95	-	-	-	-	-	-	-	-	-	-	-
09/05/95	-	-	-	-	-	-	7.98	FILM	0.00	166.04	158.06
11/21/95	20,000	8,800	110	<30	310	-	7.32	NP	0.00	166.04	158.72
03/11/96	4,800	2,200	38	26	120	-	5.62	NP	0.00	166.04	160.42
06/19/96	4,400	3,300	49	5.8	70	-	6.40	NP	0.00	166.04	159.64
09/19/96	7,200	510	83	<0.3	710	130	6.20	NP	0.00	166.04	159.84
12/10/96	700	<0.3	<0.3	<0.3	<0.5	1,400	5.92	NP	0.00	166.04	160.12
03/12/97	660	0.31	<0.3	<0.3	<0.5	1,400	5.62	NP	0.00	166.04	160.42

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)	ETHYL Benzene (ug/L)	XYLENE (ug/L)	MIBK (ug/L)					
06/12/97	320	<0.3	0.45	<0.3	<0.5	850	-	-	-	-	-
09/10/97	780	<0.3	<0.3	<0.3	<0.5	930	7.45	NP	0.00	166.04	158.59
12/09/97	14,000	3,500	3,700	<15	2,100	1,100	7.10	NP	0.00	166.04	158.94
03/03/98	6,100	2,500	18	<6	110	270	6.70	NP	0.00	166.04	159.34
07/08/98	1,300	8.7	<0.3	<0.3	<0.5	350	-	-	-	-	-
09/10/98	690	2.2	<0.3	<0.3	<0.5	350	7.04	NP	0.00	166.04	159.00
12/30/98	600	2.0	0.55	<0.3	<0.5	350	6.25	NP	0.00	166.04	159.79
03/15/99	350	0.71	<0.3	<0.3	<0.5	140	6.02	NP	0.00	166.04	160.02
06/22/99	5,900	2,100	16	4.6	48	170	6.35	NP	0.00	166.04	159.69
09/08/99	1,700	380	<3	<3	13	160	7.03	NP	0.00	166.04	159.01
12/01/99	930	3.7	<0.3	<0.3	<0.5	390	6.25	NP	0.00	166.04	159.79
03/23/00	581	5.4	5.3	1.9	7.3	*168/183	6.24	NP	0.00	166.04	159.80
MONITORING WELL #RS-8											
08/07/91	ND	ND	ND	ND	ND	-	9.68	NP	0.00	164.32	154.64
09/27/91	ND	ND	ND	ND	ND	-	9.89	NP	0.00	164.32	154.43
10/23/91	ND	ND	ND	ND	ND	-	10.05	NP	0.00	164.32	154.27
11/06/91	ND	ND	ND	ND	ND	-	9.71	NP	0.00	164.32	154.61
12/04/91	ND	ND	ND	ND	ND	-	10.00	NP	0.00	164.32	154.32
01/29/92	ND	2.1	1.0	2.5	3.6	-	9.28	NP	0.00	164.32	155.04
02/26/92	ND	ND	0.7	ND	0.7	-	7.05	NP	0.00	164.32	157.27
03/19/92	ND	0.5	1.0	1.5	2.7	-	7.30	NP	0.00	164.32	157.02
04/22/92	ND	ND	ND	ND	ND	-	8.60	NP	0.00	164.32	155.72
05/21/92	ND	ND	ND	ND	ND	-	9.22	NP	0.00	164.32	155.10
06/25/92	ND	ND	ND	ND	ND	-	9.49	NP	0.00	164.32	154.83
07/30/92	ND	1.1	4.2	ND	3.0	-	9.55	NP	0.00	164.32	154.77
08/20/92	ND	2.0	4.7	ND	5.7	-	9.63	NP	0.00	164.32	154.69
09/30/92	ND	ND	ND	ND	ND	-	9.90	NP	0.00	164.32	154.42
12/23/92	ND	ND	ND	ND	ND	-	9.96	NP	0.00	164.32	154.36
05/10/93	ND	ND	ND	ND	ND	-	8.95	NP	0.00	164.32	155.37
06/09/93	ND	ND	ND	ND	ND	-	9.00	NP	0.00	164.32	155.32
09/14/93	200	0.3	ND	ND	ND	-	9.50	NP	0.00	164.32	154.82
12/14/93	ND	ND	ND	ND	ND	-	8.75	NP	0.00	164.32	155.57
03/02/94	<50	<0.3	<0.3	<0.3	<0.5	-	7.52	NP	0.00	164.32	156.80

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
06/06/94	54	<0.3	<0.3	<0.3	2.4	-	9.00	NP	0.00	164.32	155.32
09/06/94	<50	<0.3	<0.3	<0.3	<0.5	-	9.26	NP	0.00	164.32	155.06
12/07/94	130	2.5	1.9	1.3	3.6	-	8.67	NP	0.00	164.32	155.65
03/08/95	<100	<0.5	<0.5	<0.5	<1	-	8.34	NP	0.00	164.32	155.98
06/15/95	<100	1.0	<0.5	<0.5	<1	-	9.12	NP	0.00	164.32	155.20
09/05/95	<100	<0.5	<0.5	<0.5	<1	-	9.56	NP	0.00	164.32	154.76
11/21/95	<50	0.44	<0.3	<0.3	1.5	-	9.28	NP	0.00	164.32	155.04
03/11/96	<50	1.3	<0.3	<0.3	0.6	-	7.52	NP	0.00	164.32	156.80
06/19/96	640	72	20	34	150	-	7.80	NP	0.00	164.32	156.52
09/16/96	<50	<0.3	<0.3	<0.3	<0.5	20	9.18	NP	0.00	164.32	155.14
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.08	NP	0.00	164.32	158.24
03/12/97	53	0.45	<0.3	<0.3	<0.5	140	8.65	NP	0.00	164.32	155.67
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	68	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	8.30	NP	0.00	164.32	156.02
12/09/97	<50	1.7	2.1	<0.3	1.4	82	9.98	NP	0.00	164.32	154.34
03/03/98	<50	<0.3	<0.3	<0.3	<0.5	84	8.33	NP	0.00	164.32	155.99
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	97	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	97	12.95	NP	0.00	164.32	151.37
12/30/98	<50	1.3	1.5	<0.3	0.86	19	11.35	NP	0.00	164.32	152.97
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	9.6	9.85	NP	0.00	164.32	154.47
06/22/99	66	0.39	<0.3	<0.3	<0.5	62	9.90	NP	0.00	164.32	154.42
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	25	9.85	NP	0.00	164.32	154.47
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	30	8.30	NP	0.00	164.32	156.02
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	*13.6/18.2	6.76	NP	0.00	164.32	157.56
MONITORING WELL #RS-9											
08/07/91	-	0.5	ND	330	1,200	-	2.28	NP	0.00	167.51	165.23
09/27/91	13,000	3.5	3.0	82	140	-	2.77	NP	0.00	167.51	164.74
10/23/91	11,000	ND	ND	39	340	-	3.53	NP	0.00	167.51	163.98
11/06/91	6,800	8.4	0.6	22	230	-	2.51	NP	0.00	167.51	165.00
12/04/91	6,500	6.5	0.7	87	200	-	3.20	NP	0.00	167.51	164.31
01/29/92	8,100	22	10	140	260	-	2.65	NP	0.00	167.51	164.86
02/26/92	13,000	40	16	220	600	-	3.42	NP	0.00	167.51	164.09
03/19/92	12,000	21	12	100	280	-	3.12	NP	0.00	167.51	164.39

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	DEPTH TO PRODUCT (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
04/22/92	8,600	ND	ND	20	37	-	3.24	NP	0.00	167.51	164.27
05/21/92	6,000	21	10	53	210	-	3.75	NP	0.00	167.51	163.76
06/25/92	370	2.3	1.5	0.7	4.3	-	2.65	NP	0.00	167.51	164.86
07/30/92	3,600	20	ND	39	80	-	2.70	NP	0.00	167.51	164.81
08/20/92	3,000	0.7	5.2	2.0	5.3	-	2.83	NP	0.00	167.51	164.68
09/30/92	9,200	4.8	6.5	12	91	-	2.80	NP	0.00	167.51	164.71
12/23/92	2,000	17	ND	8.2	18	-	2.45	NP	0.00	167.51	165.06
03/10/93	1,500	ND	2.6	21	12	-	2.40	NP	0.00	167.51	165.11
06/09/93	1,300	0.6	1.7	ND	7.5	-	3.55	NP	0.00	167.51	163.96
09/14/93	1,500	1.3	7.6	4.1	14	-	2.81	NP	0.00	167.51	164.70
12/14/93	560	ND	ND	ND	5.5	-	2.63	NP	0.00	167.51	164.88
03/02/94	1,100	<0.3	<0.3	<0.3	<0.5	-	2.60	NP	0.00	167.51	164.91
06/06/94	290	0.58	0.53	1.1	5.8	-	2.52	NP	0.00	167.51	164.99
09/06/94	890	<0.3	<0.3	<0.3	3.1	-	3.16	NP	0.00	167.51	164.35
12/07/94	940	22	23	10	32	-	5.18	NP	0.00	167.51	162.33
03/08/95	1,600	<0.5	<0.5	<0.5	2.3	-	4.57	NP	0.00	167.51	162.94
06/15/95	3,200	2.2	5.3	4.3	3.1	-	5.08	NP	0.00	167.51	162.43
09/05/95	1,100	<0.5	<0.5	<0.5	<1	-	5.72	NP	0.00	167.51	161.79
11/21/95	1,100	1.1	2.9	3.5	3.0	-	2.46	NP	0.00	167.51	165.05
03/11/96	440	0.7	0.34	<0.3	3.7	-	3.44	NP	0.00	167.51	164.07
06/19/96	580	3.8	0.49	1.2	<0.5	-	3.80	NP	0.00	167.51	163.71
09/16/96	490	<0.3	1.6	<0.3	<0.5	<20	3.80	NP	0.00	167.51	163.71
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	2.76	NP	0.00	167.51	164.75
03/12/97	<50	<0.3	0.42	<0.3	1.5	<20	3.20	NP	0.00	167.51	164.31
06/12/97	<50	<0.3	<0.3	<0.3	0.51	<20	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.24	NP	0.00	167.51	163.27
12/09/97	<50	<0.3	0.48	<0.3	<0.5	<20	2.72	NP	0.00	167.51	164.79
03/03/98	190	<0.3	<0.3	0.38	<0.5	<20	1.90	NP	0.00	167.51	165.61
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	2.72	NP	0.00	167.51	164.79
12/30/98	<50	<0.3	<0.3	<0.3	<0.5	<5	1.20	NP	0.00	167.51	166.31
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.25	NP	0.00	167.51	163.26
06/22/99	1,300	4.2	1.2	0.69	0.74	<5	3.70	NP	0.00	167.51	163.81
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5	2.71	NP	0.00	167.51	164.80

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	2.70	NP	0.00	167.51	164.81
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	2.70	NP	0.00	167.51	164.81
MONITORING WELL #RS-10											
08/07/91	ND	ND	ND	ND	ND	-	6.16	NP	0.00	162.89	156.73
09/27/91	ND	ND	ND	ND	ND	-	6.48	NP	0.00	162.89	156.41
10/23/91	ND	ND	ND	ND	ND	-	7.37	NP	0.00	162.89	155.52
11/06/91	ND	ND	ND	ND	ND	-	6.44	NP	0.00	162.89	156.45
12/04/91	ND	ND	ND	ND	ND	-	7.02	NP	0.00	162.89	155.87
01/29/92	ND	ND	ND	ND	ND	-	6.78	NP	0.00	162.89	156.11
02/26/92	ND	ND	ND	ND	ND	-	8.33	NP	0.00	162.89	154.56
03/19/92	ND	ND	ND	ND	0.6	-	8.02	NP	0.00	162.89	154.87
04/22/92	ND	ND	ND	ND	ND	-	7.78	NP	0.00	162.89	155.11
05/21/92	ND	ND	0.6	ND	1.2	-	6.21	NP	0.00	162.89	156.68
06/25/92	ND	ND	ND	ND	ND	-	7.73	NP	0.00	162.89	155.16
07/30/92	ND	ND	0.5	ND	1.0	-	7.84	NP	0.00	162.89	155.05
08/20/92	ND	ND	ND	ND	ND	-	7.50	NP	0.00	162.89	155.39
09/30/92	ND	ND	ND	ND	ND	-	7.63	NP	0.00	162.89	155.26
12/23/92	ND	ND	ND	ND	ND	-	7.24	NP	0.00	162.89	155.65
03/10/93	ND	ND	ND	ND	ND	-	6.38	NP	0.00	162.89	156.51
06/09/93	ND	ND	ND	ND	ND	-	7.98	NP	0.00	162.89	154.91
09/14/93	ND	ND	ND	ND	ND	-	7.35	NP	0.00	162.89	155.54
03/02/94	<50	<0.3	<0.3	<0.3	<0.3	-	7.00	NP	0.00	162.89	155.89
06/06/94	<50	<0.3	<0.3	<0.3	<0.5	-	6.55	NP	0.00	162.89	156.34
09/06/94	<50	<0.3	<0.3	<0.3	<0.5	-	7.63	NP	0.00	162.89	155.26
12/07/94	56	<0.3	<0.3	<0.5	2.1	-	5.92	NP	0.00	162.89	156.97
03/08/95	<100	<0.5	<0.5	<0.5	<1	-	7.84	NP	0.00	162.89	155.05
06/15/95	<100	<0.5	<0.5	<0.5	<1	-	6.97	NP	0.00	162.89	155.92
09/05/95	<100	<0.5	<0.5	<0.5	<1	-	8.14	NP	0.00	162.89	154.75
11/21/95	<50	<0.3	<0.3	<0.3	<0.5	-	7.68	NP	0.00	162.89	155.21
03/11/96	<50	<0.3	<0.3	<0.3	<0.5	-	6.76	NP	0.00	162.89	156.13
06/19/96	<50	<0.3	<0.3	<0.3	<0.5	-	7.20	NP	0.00	162.89	155.69
09/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.30	NP	0.00	162.89	156.59
12/10/96	<50	<0.3	<0.3	<0.3	<0.5	<20	6.05	NP	0.00	162.89	156.84

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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)					
03/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	7.56	NP	0.00	162.89	155.33
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	7.55	NP	0.00	162.89	155.34
12/09/97	1,900	610	510	<6	290	<20	7.55	NP	0.00	162.89	155.34
03/03/98	<50	2.0	<0.3	<0.3	<0.5	27	6.03	NP	0.00	162.89	156.86
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	72	7.55	NP	0.00	162.89	155.34
12/30/98	<50	1.1	<0.3	<0.3	<0.5	<5	4.45	NP	0.00	162.89	158.44
03/15/99	<50	<0.3	<0.3	<0.3	1.3	<5	4.50	NP	0.00	162.89	158.39
06/22/99	<50	<0.3	<0.3	<0.3	<0.5	<5	9.15	NP	0.00	162.89	153.74
09/08/99	<50	<0.3	<0.3	<0.3	<0.5	<5	7.51	NP	0.00	162.89	155.38
12/01/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.97	NP	0.00	162.89	156.92
03/23/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.47	NP	0.00	162.89	158.42
MONITORING WELL #RS-11											
09/21/95	110	<0.5	<0.5	<0.5	<1	-	9.37	NP	0.00	163.28	153.91
11/21/95	-	-	-	-	-	-	-	-	-	-	-
03/11/96	-	-	-	-	-	-	-	-	-	-	-
06/19/96	-	-	-	-	-	-	-	-	-	-	-
09/16/96	-	-	-	-	-	-	-	-	-	-	-
03/12/97	74	9.5	<0.3	<0.3	0.57	<20	7.75	NP	0.00	163.28	155.53
06/12/97	<50	<0.3	<0.3	<0.3	<0.5	<20	-	-	-	-	-
09/10/97	<50	<0.3	<0.3	<0.3	<0.5	<20	9.50	NP	0.00	163.28	153.78
12/09/97	<50	0.79	1.2	<0.3	<0.5	<20	9.50	NP	0.00	163.28	153.78
03/03/98	140	22	0.63	<0.3	<0.5	<20	7.93	NP	0.00	163.28	155.35
07/08/98	<50	<0.3	<0.3	<0.3	<0.5	<5	-	-	-	-	-
09/10/98	<50	<0.3	<0.3	<0.3	<0.5	<5	9.48	NP	0.00	163.28	153.80
12/30/98	<50	1.3	0.87	<0.3	0.55	<5	7.95	NP	0.00	163.28	155.33
03/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5	6.40	NP	0.00	163.28	156.88
06/22/99	350	89	2.9	3.3	0.91	6.8	11.00	NP	0.00	163.28	152.28
09/08/99	99	9.1	0.37	<0.3	<0.5	<5	7.90	NP	0.00	163.28	155.38
12/01/99	82	9.7	0.44	<0.3	<0.5	<5	7.90	NP	0.00	163.28	155.38
03/23/00	73	5.8	2.3	<0.25	<0.5	*11.2 / 7.9	4.85	NP	0.00	163.28	158.43

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO	DEPTH TO	PRODUCT	CASING	GROUNDWATER
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)	GROUNDWATER (feet)	PRODUCT (feet)	THICKNESS (feet)	ELEVATION (feet)	ELEVATION (feet)

NOTE: ND = Nondetectable
 " - " = Not Analyzed / Not Available
 NP = No Free Product

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

TABLE 2
Vapor Extraction Operating Data
Thrifty Oil Station # 054, CASTRO VALLEY, CA

Month	Representative Date	Hour Meter Reading (hrs)	Operation Duration (hrs)	Total		Hydrocarbons Removed		Remarks
				Average Flow (cfm)	Average FID Conc. (ppmv)	Period (lbs)	Cumulative (lbs)	
Jan-91	1/9/91	929	0	30	est. 10,000	0.0	0	
Feb-91	2/6/91	979	50	30	est. 10,000	38.0	38	
Mar-91	3/6/91	1,028	49	5	est. 10,000	6.2	44	System off 4/91 - 8/91
Oct-91	10/23/91	1,786	758	15	est. 10,000	288.0	332	
Nov-91	11/6/91	1,789	3	14	est. 10,000	1.1	333	
Dec-91	12/4/91	1,896	107	14	est. 10,000	37.9	371	
Jan-92	1/29/92	2,025	129	14	est. 10,000	45.7	417	
Feb-92	2/26/99	2,293	268	14	est. 10,000	95.0	512	System off 3/92 - 7/92
Aug-93	8/11/93	2,293	0	18	est. 10,000	0.0	512	
Sep-93	9/8/93	2,446	153	17	est. 10,000	65.9	578	
Oct-93	10/7/93	2,960	514	18	est. 10,000	234.4	812	
Nov-93	11/3/93	3,381	421	18	est. 10,000	191.9	1,004	
Dec-93	12/1/93	3,705	324	18	est. 10,000	147.7	1,152	
Jan-94	1/3/94	4,313	608	18	est. 10,000	277.2	1,429	
Feb-94	2/7/94	4,849	536	17	10,000	230.8	1,660	
Mar-94	3/7/94	5,196	347	20	10,000	175.8	1,836	
Apr-94	4/4/94	5,597	401	16	10,000	162.5	1,998	
May-94	5/2/94	6,003	406	17	est. 10,000	174.8	2,173	
Jun-94	6/6/94	6,514	511	16	10,000	207.1	2,380	
Jul-94	7/18/94	6,679	165	15	10,000	62.7	2,443	
Aug-94	8/1/94	6,735	56	16	est. 10,000	22.7	2,466	
Sep-94	9/20/94	7,340	605	16	est. 10,000	245.2	2,711	
Oct-94	10/5/94	7,554	214	15	est. 10,000	81.3	2,792	
Dec-94	12/13/94	7,656	102	15	est. 10,000	38.8	2,831	
Jan-95	1/6/95	7,742	86	12	est. 10,000	26.1	2,857	
Feb-95	2/14/95	7,906	164	13	est. 10,000	54.0	2,911	
Mar-95	3/2/95	7,976	70	15	est. 10,000	26.6	2,938	
Apr-95	4/7/95	8,009	33	8	est. 10,000	6.7	2,944	
May-95	5/5/95	8,405	396	16	est. 10,000	160.5	3,105	
Jun-95	6/1/95	8,436	31	16	est. 10,000	12.6	3,117	
Jul-95	7/7/93	8,834	398	16	est. 10,000	161.3	3,279	
Aug-95	8/3/95	8,910	76	16	10,000	30.8	3,309	
Sep-95	9/5/95	9,068	158	16	est. 10,000	64.0	3,373	
Oct-95	10/24/95	9,163	95	14	10,000	33.7	3,407	
Nov-95	11/2/95	9,194	31	16	est. 10,000	12.6	3,420	
Jan-96	1/4/96	8,930	0	9	est. 10,000	0.0	3,420	Replaced hour meter (8930)
Feb-96	2/1/96	8,991	61	8	est. 10,000	12.4	3,432	System off 2/96 - 4/96
Apr-96	4/25/96	9,084	93	8	210	0.4	3,432	
May-96	5/2/96	9,124	40	12	220	0.3	3,433	
Jun-96	6/3/96	9,279	155	9	1,000	3.5	3,438	
Jul-96	7/2/96	9,370	91	17	420	1.6	3,438	
Aug-96	8/1/96	9,391	21	9	340	0.2	3,438	
Sep-96	9/5/96	9,721	330	17	est. 340	4.8	3,443	
Oct-96	10/24/96	9,773	52	7	est. 340	0.3	3,443	
Dec-96	12/26/96	9,776	3	8	est. 340	0.0	3,443	System off 10/96 - 12/96
Apr-97	4/3/97	9,781	5	15	10,000	1.9	3,445	System off 1/97 - 4/97
May-97	5/1/97	10,032	251	15	9,800	93.5	3,539	
Jun-97	6/12/97	10,663	631	11	est. 9,000	158.2	3,697	
Jul-97	7/3/97	10,712	49	12	est. 9,000	13.4	3,710	
Aug-97	8/7/97	10,950	238	12	est. 9,000	65.1	3,775	
Sep-97	9/3/97	11,136	186	16	est. 9,000	67.8	3,843	
Oct-97	10/9/97	11,320	184	12	est. 9,000	50.3	3,893	
Nov-97	11/6/97	11,452	132	17	est. 9,000	51.2	3,945	
Dec-97	12/4/97	11,510	58	19	9,000	25.1	3,970	
Jan-98	1/8/98	11,784	274	17	10,000	118.0	4,088	
Feb-98	2/3/98	12,180	396	16	10,000	160.5	4,248	

TABLE 2
Vapor Extraction Operating Data
Thrifty Oil Station # 054, CASTRO VALLEY, CA

Month	Representative Date	Hour Meter Reading (hrs)	Operation Duration (hrs)	Inlet		Hydrocarbons Removed		Remarks
				Average Flow (cfm)	Average FID Conc. (ppmv)	Period (lbs)	Cumulative (lbs)	
Mar-98	3/10/98	13,011	831	17	10,000	357.8	4,606	
Apr-98	4/15/98	13,060	49	17	est. 10,000	21.1	4,627	
May-98	5/7/98	13,311	251	16	10,000	101.7	4,729	
Jun-98	6/2/98	13,658	347	17	10,000	149.4	4,878	
Jul-98	7/6/98	14,340	682	16	est. 10,000	276.4	5,155	
Sep-98	9/21/98	14,542	202	12	est. 10,000	61.4	5,216	System shut down, 10/98
Nov-98	11/16/98	14,730	188	12	est. 10,000	57.1	5,273	
Dec-98	12/7/98	15,124	394	11	est. 10,000	109.8	5,383	
Feb-99	2/9/99	16,115	991	10	2,800	70.3	5,453	
Mar-99	3/12/99	16,698	583	13	210	4.0	5,457	
Apr-99	4/6/99	17,009	311	13	est. 210	2.2	5,459	
May-99	5/3/99	17,098	89	10	est. 210	0.5	5,460	
Jun-99	6/28/99	18,130	1,032	10	4,100	107.2	5,567	
Jul-99	7/7/99	18,163	33	10	est. 4,000	3.3	5,570	
Aug-99	8/2/99	18,196	33	11	est. 4,000	3.7	5,574	
Sep-99	9/13/99	18,318	122	12	est. 4,000	14.8	5,589	
Oct-99	10/18/99	18,348	30	13	est. 4,000	4.0	5,593	
Nov-99	11/29/99	18,617	269	12	est. 4,000	32.7	5,626	
Dec-99	12/27/99	19,096	479	12	210	3.1	5,629	
Jan-00	1/24/00	19,388	292	12	est. 210	1.9	5,631	System off for repairs, 1/24/00 to 3/00

- Note: 1. The "duration" is derived from subtracting the hour meter from a representative day of the month by the hour meter from a representative day of the previous month. Some months may have more than 30 days.
2. In January 2000, the "hydrocarbons removed" calculations were corrected to reflect the actual calibration gas (methane) of the instrument used. Therefore, the corrected cumulative total value is different than the previous versions of this table.

TABLE 3
Laboratory Analytical Results of Inlet Vapor Samples
Thrifty Oil Co. Station # 054, CASTRO VALLEY, CA

Date	Analyses Results of Inlet Vapor Concentrations					
	TPH (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)	MTBE (ppmv)
5/15/97	-	0.36*	-	-	-	-
7/17/97	-	<0.1*	-	-	-	-
5/5/99	<5	<0.1	0.13	<0.1	<0.1	<1
8/24/99	53	1.4	8.1	2.5	14	<1
8/30/99	<5	<0.1	0.23	0.12	0.77	1.6
9/14/99	2,200	11	36	11	55	9.9
10/25/99	<5	<0.1	0.11	<0.1	0.44	<1
12/21/99	190	5.7	0.64	0.15	1.8	39

NOTE: *Unit of measure = ug, by NIOSH 1501 (Benzene)
 "- " = not analyzed

APPENDIX A



THRIFTY OIL CO. SS #054
 2504 CASTRO VALLEY BLVD.
 CASTRO VALLEY, CA 94546
 DATE: 03-23-00

PROJECT STATUS REPORT

FREQ.	MONITORING				ODORS			FREE		WELLS CONNECTED TO SYSTEM (W)							
	OBSERVATION WELLS				(S=SLIGHT)			PRODUCT		CONNECT		INTEGRITY		VAPOR		WATER	
	NO.	DTW	DTP	PT	YES	NO	S	YES	NO	YES	NO	OK	NO	ON	OFF	ON	OFF
M	PW-1	4.03				X			X		X	-					
M	PW-2	2.93				X			X		X	-					
M	RE-1	3.68				X			X		X	-			X		
M	RE-2	3.19				X			X		X	-					
M	RE-3	2.25				X			X		X	-			X		
M	RE-4	5.36				X			X		X	-			X		X
M	RE-5	4.06				X			X		X	-					
M	RE-6	4.41				X			X		X	-			X		
M	RE-7	6.24				X			X		X	-			X		X
M	RS-8	6.76				X			X		-	X					
M	RS-9	2.70				X			X		-	X					
M	RS-10	4.47				X			X			X					
M	RS-11	4.85				X			X			X					

SAVE SYSTEM WEEKLY

PARAMETER	U/M	DATA	PARAMETER	U/M	DATA
TIME	AM/PM		AIR FLOW	C F M	
WORKING	YES/NO		VAPOR FLOW	C F M	
RESTARTED	YES/NO		FUEL FLOW	C F M/H	
HOURS	#		WELL VACUUM	IN H2O	
ENGINE ROT.	RPM		L P G TANKS	#	#1:
ENGINE VACUUM	IN HG		GAS METER READING	-	N/A
TANK VACUUM	IN HG		WATER FLOWMETER	GALL.	

EXHAUST (By others)					
INLET TO ENGINE					

MAINTENANCE ES/100/400/800 FOR SPECIFIC OPERATIONS SEE FIELD RECORD

WATER SAMPLING - CHECK () WHEN DONE

EFFLUENT	INFLUENT	WELLS
()	()	() Q.-SEE C.CUST.

REMARKS: System shut down

FREE PRODUCT REMOVED: APPROX. GALLONS WATER REMOVED: APPROX 300 GALLONS

DATA RECORDED BY: [Signature] INPUT BY: AJB 02/05/97

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	JEROME P.	Weather:	SUNNY DAY
Well No:	PW-1	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.97	Well Diameter	4.4
Depth to Water (ft)	4.03	Est. Purge Volume:	26

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	12:37	12:41	12:45	12:48	12:52	12:56	13:00
EC	1700	1730	1700	1690	1670	1690	1670
pH	5.43	5.41	5.39	5.40	5.38	5.40	5.38
Temp	72.5	72.3	72.0	71.8	71.6	71.3	71.5
Gal.	3	7	11	14	18	22	26
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	3.26
Total Well Depth (ft.)	13.97

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	BERBAW P.	Weather:	SUNNY DAY
Well No:	PW-2	Equip:	BTI LPR

Before Purging:			
Total Well Depth: (ft.)	14.32	Well Diameter	4"
Depth to Water (ft)	2.93	Est. Purge Volume:	29

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	12:00	12:04	12:08	12:12	12:16	12:20	12:25
EC	1750	1760	1750	1730	1740	1720	1730
pH	5.49	5.47	5.43	5.45	5.47	5.43	5.43
Temp	72.5	72.3	72.1	72.3	71.8	71.6	71.8
Gal.	4	8	12	16	20	24	29
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	2.33
Total Well Depth(ft).	14.32

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u> # 054 </u>	Date: <u> 03-23-00 </u>
Address: _____	
Personnel: <u> SERBATH P </u>	Weather: <u> SUNNY DAY </u>
Well No: <u> RE-1 </u>	Equip: <u> BAYLER </u>

Before Purging:			
Total Well Depth: (ft.)	<u> 19.00 </u>	Well Diameter	<u> 4" </u>
Depth to Water (ft)	<u> 3.68 </u>	Est. Purge Volume:	<u> 40 </u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	16:25	16:31	16:37	16:42	16:48	16:54	17:00
EC	1220	1170	1160	1160	1120	1110	1130
pH	5.51	5.49	5.47	5.49	5.49	5.47	5.44
Temp	72.9	72.5	72.4	72.1	71.8	71.6	71.7
Gal.	5	11	17	22	28	34	40
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	Total Well Depth(ft.)
<u> 2.74 </u>	<u> 19.00 </u>

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	SERAPH P.	Weather:	SUNNY Day
Well No:	RE-2	Equip:	BATICAP

Before Purging:			
Total Well Depth: (ft.)	16.96	Well Diameter	4"
Depth to Water (ft)	3.19	Est. Purge Volume:	32

Sampling Data:									
Initial Turbidity:				Final Turbidity:					
Time	13:39	13:44	13:49	13:54	13:59	14:04	14:10		
EC	1760	1780	1780	1780	1760	1780	1760		
pH	5.46	5.43	5.45	5.41	5.43	5.45	5.43		
Temp	72.6	72.3	71.8	71.6	71.7	71.5	71.3		
Gal.	5	10	15	20	25	30	36		
Time									
EC									
pH									
Temp									
Gal.									

After Purging/Before Sample Collection	
Depth to Water (ft.)	2.72
Total Well Depth (ft.)	16.96

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	JEROME P	Weather:	JUNNY DAY
Well No:	RE-3	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	17.55	Well Diameter	4"
Depth to Water (ft)	2.25	Est. Purge Volume:	40

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	15:40	15:46	15:52	15:57	16:03	16:09	16:15
EC	1450	1410	1400	1390	1370	1390	1360
pH	5.53	5.52	5.49	5.51	5.52	5.49	5.51
Temp	73.6	73.4	73.2	73.1	72.8	72.6	72.4
Gal.	5	11	17	22	28	34	40
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	1.96
Total Well Depth(ft).	17.55

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: <u># 054</u>	Date: <u>03-23-00</u>
Address: _____	
Personnel: <u>SERRAN P.</u>	Weather: <u>SUNNY DAY</u>
Well No: <u>RE-4</u>	Equip: <u>BTILFR</u>

Before Purging:			
Total Well Depth: (ft.)	<u>14.52</u>	Well Diameter	<u>4⁴</u>
Depth to Water (ft)	<u>5.36</u>	Est. Purge Volume:	<u>24</u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	<u>15:09</u>	<u>15:12</u>	<u>15:16</u>	<u>15:19</u>	<u>15:23</u>	<u>15:26</u>	<u>15:30</u>
EC	<u>1400</u>	<u>1360</u>	<u>1350</u>	<u>1380</u>	<u>1350</u>	<u>1340</u>	<u>1350</u>
pH	<u>5.66</u>	<u>5.60</u>	<u>5.63</u>	<u>5.60</u>	<u>5.57</u>	<u>5.60</u>	<u>5.58</u>
Temp	<u>72.4</u>	<u>72.2</u>	<u>71.8</u>	<u>71.6</u>	<u>71.7</u>	<u>71.5</u>	<u>71.3</u>
Gal.	<u>3</u>	<u>6</u>	<u>10</u>	<u>13</u>	<u>17</u>	<u>20</u>	<u>24</u>
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.) <u>4.43</u>	Total Well Depth(ft.) <u>14.52</u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	SEPRATH P.	Weather:	SUNNY DAY
Well No:	RE-5	Equip:	BATLER

Before Purging:			
Total Well Depth: (ft.)	18.21	Well Diameter	4"
Depth to Water (ft)	4.06	Est. Purge Volume:	37

Sampling Data:							
Initial Turbidity:			Final Turbidity:				
Time	14:28	14:33	14:38	14:44	14:49	14:54	15:00
EC	1110	1120	1110	990	970	980	960
pH	5.51	5.49	5.97	5.49	5.50	5.48	5.50
Temp	72.4	72.1	71.8	71.6	71.7	71.5	71.3
Gal.	5	10	15	21	26	31	37
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	3.63
Total Well Depth(ft.)	18.21

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	JEROME P.	Weather:	SUNNY DAY
Well No:	RE-6	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	13.58	Well Diameter	4"
Depth to Water (ft)	4.41	Est. Purge Volume:	24

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	13:09	13:12	13:16	13:19	13:23	13:26	13:30
EC	1110	1130	1110	1090	1060	1070	1040
pH	5.72	5.70	5.67	6.70	6.68	6.64	6.65
Temp	72.6	72.3	72.4	72.2	71.8	71.7	71.5
Gal.	3	6	10	13	17	20	24
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	3.62
Total Well Depth (ft.)	13.58

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	BERBOLD P.	Weather:	SUNNY DAY
Well No:	RS-9	Equip:	BAILER

Before Purging:			
Total Well Depth: (ft.)	14.97	Well Diameter	2"
Depth to Water (ft)	2.70	Est. Purge Volume:	8

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	17:08	17:09	17:10	17:11	17:12	17:13	17:15
EC	1830	1770	1760	1770	1740	1730	1740
pH	5.50	5.51	5.53	5.51	5.50	5.52	5.51
Temp	72.7	72.3	72.4	72.2	72.3	72.1	71.8
Gal.	1	2	3	4	5	6	8
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	1.93
Total Well Depth(ft.)	14.97

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site: <u> A 054 </u>	Date: <u> 03-23-00 </u>
Address: _____	
Personnel: <u> BERNARD P. </u>	Weather: <u> SUNNY DAY </u>
Well No: <u> RS-10 </u>	Equip: <u> BAILER </u>

Before Purging:			
Total Well Depth: (ft.)	<u> 24.38 </u>	Well Diameter	<u> 2" </u>
Depth to Water (ft)	<u> 4.47 </u>	Est. Purge Volume:	<u> 13 </u>

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	<u>10:48</u>	<u>10:50</u>	<u>10:52</u>	<u>10:54</u>	<u>10:56</u>	<u>10:58</u>	<u>11:00</u>
EC	<u>1020</u>	<u>1010</u>	<u>1030</u>	<u>1020</u>	<u>1010</u>	<u>1030</u>	<u>1010</u>
pH	<u>5.83</u>	<u>5.80</u>	<u>5.91</u>	<u>5.79</u>	<u>5.70</u>	<u>5.77</u>	<u>5.79</u>
Temp	<u>72.4</u>	<u>72.2</u>	<u>71.8</u>	<u>71.6</u>	<u>71.4</u>	<u>71.5</u>	<u>71.3</u>
Gal.	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	<u> 2.50 </u> Total Well Depth(ft.) <u> 24.38 </u>

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

Site:	# 054	Date:	03-23-00
Address:			
Personnel:	SEBRON D.	Weather:	SUNNY DAY
Well No:	RS-11	Equip:	BAICOR

Before Purging:			
Total Well Depth: (ft.)	24.77	Well Diameter	2"
Depth to Water (ft)	4.85	Est. Purge Volume:	13

Sampling Data:							
Initial Turbidity:				Final Turbidity:			
Time	11:03	11:05	11:07	11:09	11:11	11:13	11:15
EC	1770	1760	1780	1760	1740	1730	1750
pH	5.51	5.53	5.50	5.51	5.47	5.50	5.49
Temp	72.3	72.1	71.9	71.6	71.7	71.5	71.3
Gal.	1	3	5	7	9	11	13
Time							
EC							
pH							
Temp							
Gal.							

After Purging/Before Sample Collection	
Depth to Water (ft.)	3.60
Total Well Depth(ft.)	24.77



054

MAINTENANCE : REPAIR REPORT
03/16/00

A) SS #: 054 SYSTEM TYPE:
B) DEFICIENCY DESCRIPTION :
WELLS COVER

C) NAME OF REPORTING PARTY AND DATE:
D) DATE SCHEDULED :

1) NAME: DATE/TIME
2) FINDINGS:
TALK WITH CONTRACTOR ABOUT WELLS
COVERS AFTER THEY WILL COVER
WITH ASPHALT THIS SIDE -

3) HAS THE JOB BEEN COMPLETED? YES/NO
IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED
TO FINISH:

4) POST REPAIR TEST RESULTS:

5) THE CAUSE OF THE DEFICIENCY:

BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE
TO THE TECHNICIAN:

6) OTHER:
NEXT WEEK THEY WILL FINISH
I WILL BE THERE -



054

MAINTENANCE & REPAIR REPORT

A) SS #: *STORAGE* SYSTEM TYPE: *N/A*
B) DEFICIENCY DESCRIPTION :
*MAINTENANCE EQUIPMENT AND MAKE
INVENTORY FOR WHAT I NEED TO ORDER*
C) NAME OF REPORTING PARTY AND DATE:
D) DATE SCHEDULED :

1) NAME: DATE/TIME
2) FINDINGS: *03-01-00*

3) HAS THE JOB BEEN COMPLETED? *YES*/NO
IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED
TO FINISH:

4) POST REPAIR TEST RESULTS:

5) THE CAUSE OF THE DEFICIENCY:

BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE
TO THE TECHNICIAN:

6) OTHER:



054

MAINTENANCE : REPAIR REPORT

A) SS #: 054 SYSTEM TYPE:
B) DEFICIENCY DESCRIPTION :
MEET WITH PROPANE CO. FOR REMOVED
TANK
C) NAME OF REPORTING PARTY AND DATE:
D) DATE SCHEDULED : 03-01-00

1) NAME: DATE/TIME
2) FINDINGS: 03-01-00

3) HAS THE JOB BEEN COMPLETED? YES/NO
IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED
TO FINISH:
BECAUSE THEY DON'T ORDER CRANE FOR
PICK UP THE TANK ??

4) POST REPAIR TEST RESULTS:

5) THE CAUSE OF THE DEFICIENCY:

BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE
TO THE TECHNICIAN:

6) OTHER:
THEY WILL COME NEXT WEEK ?



054

DATE: 02-28-00

START UP / SHUT DOWN REPORT
STATION # 054
SYSTEM TYPE : RSI

START UP REPORT:

SHUT DOWN REPORT:

System is shut down and prepared for removed because agency approved -

SIGNATURE: _____

[Handwritten signature]



DATE: 02-21-00

START UP / SHUT DOWN REPORT
STATION # 054
SYSTEM TYPE : PSI

START UP REPORT:

SHUT DOWN REPORT:

System is shut down because this side is under construction

SIGNATURE: _____

[Handwritten Signature]



DATE: 02.14.00

START UP / SHUT DOWN REPORT
STATION # 054
SYSTEM TYPE : RS1

START UP REPORT:

SHUT DOWN REPORT:

*Site is under construction and system is
shut down for overhaul engine.*

SIGNATURE: _____

[Handwritten Signature]



5A

DATE: 02-08-00

START UP / SHUT DOWN REPORT
STATION # 054
SYSTEM TYPE :

START UP REPORT:

SHUT DOWN REPORT:

System shut down for replace engine and
because side is in construction for replace with
new pumps - Fence is around this side with
one gate to STANTON AVE -

SIGNATURE: _____

[Handwritten Signature]



054

DATE: 01-24-00

START UP / SHUT DOWN REPORT
STATION # 054
SYSTEM TYPE : RSi

START UP REPORT:

SHUT DOWN REPORT:

System shut for overhaul maintenance -
HOURS - 19022 - ^{EST.} 19388

SIGNATURE: _____

[Handwritten signature]



DATE: 01/13/00

START-UP/SHUT DOWN REPORT

STATION NO.: # 56

SYSTEM TYPE: RSI Vapor + water

START-UP REPORT:

SHUT DOWN REPORT: Found system off.

Shut down system for major repairs
Required maintenance.
- Flood pocket Training test and other
hours

SIGNATURE: [Signature]

FIELD STATUS REPORT

GROUND WATER AND SOIL CLEAN-UP SYSTEM

MAINFOLD

WELLS	WATER						WELLS	VAPORS						
ON							ON	RE1		RE3			RE6	RE7
OFF							OFF							

WELL MONITORING					RSI SYSTEM			
WELL NO	DTW	DTP	PT	DTB	PARAMETER	U/M	DATA	OBS
					TIME	AM/PM		
					HOURS	#	1326	EST. 19292
					ENGINE RPM	RPM	1700	
					ENGINE VACUUM	IN HG	13	
					TK REC TEMP	F	100	
					AIR TEMP	F	56	
					AIR FLOW	CFM	13	
					VAPOR FLOW	CFM	11	
					FUEL FLOW	CFM/H	20	
					WELL VACUUM	IN H2O	13	
					GAS METER		0.60	
					CATALIST IN	F		
					CATALIST OUT	F		
					EXHAUST HC	PPM/%		
					EXHAUST CO	%PPM		
					EXHAUST CO2	%		
					EXHAUST NOX	%PPM		
					CATALYST REPLACEMENT			
					EXHAUST O2	%		
					INLET	PPM		
					OUTLET	PPM		

HYDROCARBON STRIPPER & VAPOR EXTRACTION SYSTEM W/ACU OR CAT

PARAMETER	U/M	LIMIT	DATA
FLOWMETER			
ROTAMETER			
VPI FLOW			
VPI VACUUM			
AIR COMPRES			
VAPOR			
INLET VAPOR			
TEMPERATURE			
LEL			

COMMENTS: ENGINE WAS SHUT DOWN. RESTART AGAIN —?

SERVICE TECHNICAN SPRUE ? DATE 01-10-00 THRIFTY OIL CO # 056

GROUND WATER AND SOIL CLEAN-UP SYSTEM

MAINFOLD																
WELLS		WATER						WELLS		VAPORS						
ON								ON		RE1		RE3			RE6	RE7
OFF								OFF								

WELL MONITORING					RSI SYSTEM			
WELL NO	DTW	DTP	PT	DTB	PARAMETER	U/M	DATA	OBS
					TIME	AM/PM		
					HOURS	#	1822	EST. 1912
					ENGINE RPM	RPM	1800	
					ENGINE VACUUM	IN HG	14	
					TK REC TEMP	F	100	
					AIR TEMP	F	60	
					AIR FLOW	CFM	14	
					VAPOR FLOW	CFM	13	
					FUEL FLOW	CFM/H	70	
					WELL VACUUM	IN H2O	13"	
					GAS METER		% 85	

HYDROCARBON STRIPPER & VAPOR EXTRACTION SYSTEM W/ACU OR CAT			
PARAMETER	U/M	LIMIT	DATA
FLOWMETER			
ROTAMETER			
VPI FLOW			
VPI VACUUM			
AIR COMPRES			
VAPOR			
INLET VAPOR			
TEMPERATURE			
LEL			

COMMENTS: ENGINE WAS SHUT OFF. REPLACE COIL AND RESTART AGAIN.

SERVICE TECHNICIAN [Signature] DATE 01-03-00 THRIFTY OIL CO # 054

APPENDIX B



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

ANALYTICAL RESULTS

Ordered By

Thrifty Oil Company
 13539 E. Foster Road
 Santa Fe Springs, CA 90670-

Site

TOC-#054
 2504 Castro Valley Blvd.
 Castro Valley, CA 94556

Telephone: (562)921-3581
 Attn: Jeff Suryakusuma

Page: 2
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8020A/M8015G, Aromatic Volatile Organics, TPH Gasoline and Light HC. by GC

QC Batch Number: 04012000 / 04012000

Our Lab I.D.			AE71508	AE71509	AE71510	AE71511
Client Sample I.D.		Method Blank:	RS-10	RS-11	RS-8	RE-7
Date Sampled		03/23/2000	03/23/2000	03/23/2000	03/23/2000	03/23/2000
Date Prepared		04/01/2000	04/01/2000	04/01/2000	04/01/2000	04/01/2000
Preparation Method		5030B	5030B	5030B	5030B	5030B
Date Analyzed		04/01/2000	04/01/2000	04/01/2000	04/01/2000	04/01/2000
Matrix		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Units		ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Benzene	0.25	0.50	ND	ND	5.8	ND
Ethylbenzene	0.25	0.50	ND	ND	ND	ND
Toluene (Methyl benzene)	0.25	0.50	ND	ND	2.3	ND
Xylenes (Total)	0.50	1.00	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	11.2	13.6
TPH as Gasoline and Light HC. (C4-C12)	50	100	ND	ND	73J	ND

Our Lab I.D.			AE71508	AE71509	AE71510	AE71511
Surrogates	Con. Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125	98	92	96	78	89
Trifluorotoluene	75-125	97	97	100	87	107



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ANALYTICAL RESULTS

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Thrifty Oil Company
 13539 E. Foster Road
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 2504 Castro Valley Blvd.
 Castro Valley, CA 94556

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Page: 3
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8020A/M8015G, Aromatic Volatile Organics, TPH Gasoline and Light HC. by GC

QC Batch Number: 04012000 / 04012000

Our Lab I.D.			AE71512	AE71513	AE71514	AE71515	AE71516
Client Sample I.D.			PW-2	PW-1	RE-6	RE-2	RE-5
Date Sampled			03/23/2000	03/23/2000	03/23/2000	03/23/2000	03/23/2000
Date Prepared			04/01/2000	04/01/2000	04/01/2000	04/01/2000	04/01/2000
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			04/01/2000	04/01/2000	04/01/2000	04/01/2000	04/01/2000
Matrix			Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Units			ug/L	ug/L	ug/L	ug/L	ug/L
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Benzene	0.25	0.50	ND	0.5	ND	ND	ND
Ethylbenzene	0.25	0.50	ND	1.1	ND	ND	ND
Toluene (Methyl benzene)	0.25	0.50	ND	0.5	ND	ND	ND
Xylenes (Total)	0.50	1.00	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Gasoline and Light HC. (C4-C12)	50	100	ND	ND	ND	ND	ND

Our Lab I.D.			AE71512	AE71513	AE71514	AE71515	AE71516
Surrogates	Con. Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		113	103	106	97	100
Trifluorotoluene	75-125		101	101	106	101	107



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ANALYTICAL RESULTS

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Page: 4
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8020A/M8015G, Aromatic Volatile Organics, TPH Gasoline and Light HC. by GC

QC Batch Number: 04012000 / 04012000

Our Lab I.D.		AE71517	AE71518	AE71519	AE71520	
Client Sample I.D.		RE-4	RE-3	RE-1	RS-9	
Date Sampled		03/23/2000	03/23/2000	03/23/2000	03/23/2000	
Date Prepared		04/01/2000	04/01/2000	04/01/2000	04/01/2000	
Preparation Method		5030B	5030B	5030B	5030B	
Date Analyzed		04/01/2000	04/01/2000	04/01/2000	04/01/2000	
Matrix		Aqueous	Aqueous	Aqueous	Aqueous	
Units		ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results
Benzene	0.25	0.50	ND	ND	ND	ND
Ethylbenzene	0.25	0.50	ND	ND	ND	ND
Toluene (Methyl benzene)	0.25	0.50	ND	ND	ND	ND
Xylenes (Total)	0.50	1.00	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	293	ND	ND
TPH as Gasoline and Light HC. (C4-C12)	50	100	ND	315	ND	ND

Our Lab I.D.		AE71517	AE71518	AE71519	AE71520
Surrogates	Con. Limit	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125	102	106	102	117
Trifluorotoluene	75-125	104	110	101	103



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ANALYTICAL RESULTS

Ordered By

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 13539 E. Foster Road
 Santa Fe Springs, CA 90670-

Site

TOC-#054
 2504 Castro Valley Blvd.
 Castro Valley, CA 94556

Telephone: (562)921-3581
 Attn: Jeff Suryakusuma

Page: 5
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8020A/M8015G, Aromatic Volatile Organics Using GC

QC Batch Number: 04012000 / 04012000

Our Lab I.D.			AE71521			
Client Sample I.D.			Trip Blank			
Date Sampled			03/23/2000			
Date Prepared			04/01/2000			
Preparation Method			5030B			
Date Analyzed			04/01/2000			
Matrix			Aqueous			
Units			ug/L			
Dilution Factor			1			
Analytes	MDL	PQL	Results			
Benzene	0.25	0.50	ND			
Ethylbenzene	0.25	0.50	ND			
Toluene (Methyl benzene)	0.25	0.50	ND			
Xylenes (Total)	0.50	1.00	ND			
TPH as Gasoline and Light HC. (C4-C12)	5.0	10.0	ND			

Our Lab I.D.			AE71521			
Surrogates	Con. Limit		% Rec.			
Bromofluorobenzene	75-125		98			
Trifluorotoluene	75-125		98			



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ANALYTICAL RESULTS

Ordered By

Thrifty Oil Company
 13539 E. Foster Road
 Santa Fe Springs, CA 90670-

Site

TOC-#054
 2504 Castro Valley Blvd.
 Castro Valley, CA 94556

Telephone: (562)921-3581
 Attn: Jeff Suryakusuma

Page: 6
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8260B, MTBE Confirmation by GC/MS (8260B) Analysis

QC Batch Number: 04042000 / 04042000

Our Lab I.D.			AE71509	AE71510	AE71511	AE71518	
Client Sample I.D.		Method Blank	RS-11	RS-8	RE-7	RE-3	
Date Sampled		03/23/2000	03/23/2000	03/23/2000	03/23/2000	03/23/2000	
Date Prepared		04/04/2000	04/04/2000	04/04/2000	04/04/2000	04/04/2000	
Preparation Method		5030B	5030B	5030B	5030B	5030B	
Date Analyzed		04/04/2000	04/04/2000	04/04/2000	04/04/2000	04/04/2000	
Matrix		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous	
Units		ug/L	ug/L	ug/L	ug/L	ug/L	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	7.9J	18.2	183	422

Our Lab I.D.			AE71509	AE71510	AE71511	AE71518
Surrogates	Con.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125	105	105	106	100	100
Dibromofluoromethane	75-125	103	102	101	98	100
Toluene-d8	75-125	102	103	104	102	98



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ANALYTICAL RESULTS

Ordered By

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Site

TOC-#054
 2504 Castro Valley Blvd.
 Castro Valley, CA 94556

Telephone: (562)921-3581
 Attn: Jeff Suryakusuma

Page: 7
 Project ID: #054
 Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8020A/M8015G, Aromatic Volatile Organics, TPH Gasoline and Light HC. by GC

QUALITY CONTROL REPORT

QC Batch Number: 04012000 / 04012000

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	50.0	53.0	106	50.0	52.0	104	1.9	75-125	<20
Ethylbenzene	50.0	57.0	114	50.0	56.0	112	1.8	75-125	<20
Toluene (Methyl benzene)	50.0	54.0	108	50.0	54.0	108	<1	75-125	<20
LCS									
o-Xylene	50.0	58.0	116	50.0	58.0	116	<1	75-125	<20
m,p-Xylenes	100.0	101.0	101	100.0	100.0	100	<1	75-125	<20

QC Batch Number: 04012000 / 04012000

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit
Benzene	50.0	53.0	106	75-125
Ethylbenzene	50.0	57.0	114	75-125
Toluene (Methyl benzene)	50.0	57.0	114	75-125
LCS				
o-Xylene	50.0	57.0	114	75-125
m,p-Xylenes	100.0	100.0	100	75-125



American Environmental Testing Laboratory Inc.

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

ANALYTICAL RESULTS

Ordered By

Thrifty Oil Company
13539 E. Foster Road
Santa Fe Springs, CA 90670-

Site

TOC-#054
2504 Castro Valley Blvd.
Castro Valley, CA 94556

Telephone: (562)921-3581

Attn: Jeff Suryakusuma

Page: 8

Project ID: #054

Project Name: Quarterly Water Sampling

AETL Job Number	Submitted	Client
15031	03/28/2000	TOC

Method: 8260B, MTBE Confirmation by GC/MS (8260B) Analysis

QUALITY CONTROL REPORT

QC Batch Number: 04042000 / 04042000

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Methyl-tert-butyl ether (MTBE)	20.0	26.6	133	10.0	12.9	129	3.1	65-135	<20	



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

Data Qualifiers and Descriptors

Data Qualifier:

- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- J: Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit
- MS: Matrix Spike
- MS DU: Matrix Spike Duplicate
- ND: Analyte was not detected in the sample at or above MDL.
- PQL: Practical Quantitation Limit
- Recov: Recovered concentration in the sample.
- RPD: Relative Percent Difference
-



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

(818) 998-5547 (818) 998-5548 1-800-533-TEST 1-800-533-8378 FAX (818) 998-7258

DATE: 03.23.00
PAGE 1 OF 1

15031

AA Client <u>T.O.C.</u>						Phone <u>(862) 921-3581</u>		Sampler's Name <u>BERNARD P.</u>																					
Project Manager <u>JEFF SURYARUSUMA</u>						P.O. No.		Sampler's Signature <u>[Signature]</u>																					
Project Name <u># 054</u>						Project No.		Project Manager's Signature																					
Job Name and Address <u>Q.W.S. 2004 CASTRO VALLEY Blvd CASTRO VALLEY 94546</u>						ANALYSIS REQUIRED				Test Requirements																			
						Detection Limits																							
						Test Name																							
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;">TPH</td> <td style="text-align: center;">BTEX</td> <td style="text-align: center;">MIBE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															TPH	BTEX	MIBE						
TPH	BTEX	MIBE																											
AA ID.#	Client's ID.	Date	Time	Sample Type	Number of Containers																								
AE71508	RS-10	03.23.00	19:00	WATER	3	X	X	X																					
AE71509	RS-11	↑	19:10	↑	3	X	X	X	HCL added 3 drops 1:1																				
AE71510	RS-8	↑	19:15	↑	3	X	X	X																					
AE71511	RE-7	↑	19:20	↑	3	X	X	X																					
AE71512	PW-2	↑	19:25	↑	3	X	X	X																					
AE71513	PW-1	↑	19:30	↑	3	X	X	X																					
AE71514	RE-6	↑	19:35	↑	3	X	X	X																					
AE71515	RE-2	↑	19:40	↑	3	X	X	X																					
AE71516	RE-5	↑	19:45	↑	3	X	X	X																					
AE71517	RE-4	↑	19:50	↑	3	X	X	X																					
AE71518	RE-3	↑	19:55	↑	3	X	X	X																					
AE71519	RE-1	↑	20:00	↑	3	X	X	X																					
AE71520	RS-9	↑	20:10	↑	3	X	X	X																					
AE71521	TRIP BLANK	↑	7:30	↑	2	X	X																						
SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB						Relinquished by: <u>[Signature]</u>		Date	Time	Received by:																			
Samples Intact Yes _____ No _____						GOLDEN GATE STATE		03.22.00	07:00	GOLDEN GATE STATE																			
Samples Properly Cooled Yes _____ No _____						GOLDEN GATE STATE		03.22.00	11:20																				
Samples Accepted Yes _____ No _____																													
If Not Why: _____								3/24/00	09:00	CANIS BENZIL																			
AA Project No.																													

APPENDIX C

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



TOC #054

1.01115
RECEIVED
FEB 21 2000
ENVIRONMENTAL

File
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J

February 16, 2000

STID 1252

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Mr. Chris Panaitescu
Thrifty Oil Company
13539 E. Foster Road
Santa Fe Springs, CA 90670-0138

RE: Thrifty Station #054, 2504 Castro Valley Boulevard, Castro Valley
Request for shutdown and removal of the vapor extraction system

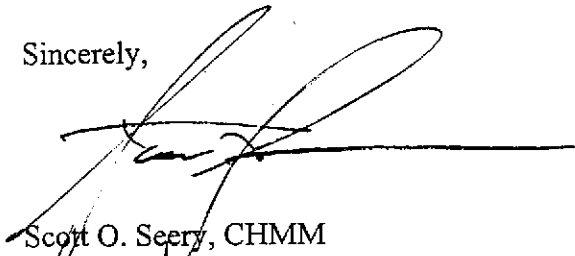
Dear Mr. Panaitescu:

I have completed a review of your January 31, 2000 request to remove the vapor extraction system from the subject site. I have also had several conversations with Ray Friedrichsen of your staff over the last several weeks, including a conversation this morning, in clarification of the issues and reported product removal rates over the operational life of the remediation system.

Your request to shutdown and remove the vapor extraction system is granted. In addition, you may also discontinue the operation of the groundwater extraction and treatment system. I do not foresee any viable need for the system barring a substantial release of product from the tanks in the future.

Please continue your current well sampling, monitoring and reporting schedule.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Ariu Levi, Chief, Environmental Protection
Robert Weston, ACDEH
Chuck Headlee, RWQCB