

# THRIFTY OIL CO.

February 7, 2012

O.12853

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

Local # RO0000005  
RWQCB #01-1479

Global ID: T0600101366

**RECEIVED**

11:00 am, Feb 15, 2012

Alameda County  
Environmental Health

RE: **Former Thrifty Oil Co. Station #063**  
**ARCO Products Company Station #9542**  
6125 Telegraph Avenue  
Oakland, CA

SUBJECT: **Addendum to the Second Semester 2011 Status Report and Request for Low Risk Case Closure**

Dear Mr. Khatri:

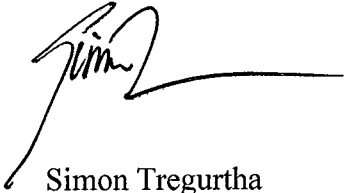
As stated in the *Second Semester 2011 Status Report and Request for Low Risk Case Closure* (Status Report) dated January 13, 2012, for the above-mentioned Thrifty Oil Co. (Thrifty) Station #063 (**Figure 1**), concentrations reported for the groundwater sample collected from well MW-7 on December 14, 2011 were anomalous and the well would be re-sampled as soon as possible. On January 23, 2012, Stratus Environmental Inc. re-sampled well MW-7 and the results indicate non-detectable concentrations for all constituents of concern, which strongly suggests that the anomalous results for the sample collected on December 14, 2011 were the consequence of cross contamination or laboratory error. The tabulated results of the January 23, 2012 monitoring event are provided in the **Summary Table, Table 1 and Table 2**, and the well monitoring field notes and laboratory analytical report are included in **Attachment A** and **Attachment B**, respectively.

I declare, under penalty of perjury, that the information and/or recommendations contained in this document and the enclosure are true and correct to the best of my knowledge.

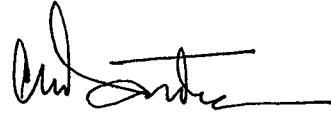


Should you have any questions regarding this submittal, please contact Simon Tregurtha at (562) 921-3581 Ext. 260, or Chris at Ext. 390.

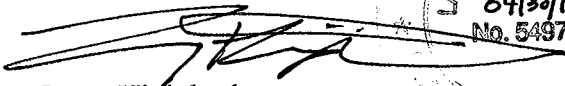
Respectfully submitted,



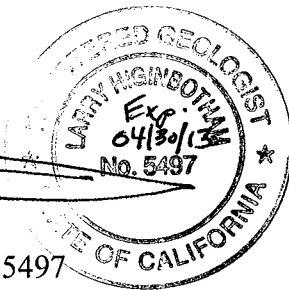
Simon Tregurtha  
Project Manager



Chris Panaitescu  
General Manager  
Environmental Affairs



Larry Higinbotham  
Registered Geologist No. 5497



cc: BP West Coast Products LLC, Mr. John Skance  
File

# ***TABLES***

**SUMMARY TABLE  
CURRENT PERIOD GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA, 94609  
T0600101366**

WELL	STATUS	Monit./ Sampl. Date	ANALYTICAL PARAMETERS										MONITORING PARAMETERS				ELEVATION		WELL	
			TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)	DIA (inch)	SCREEN (feet)
MW-1	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2"	15 - 30	
MW-3	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6"	15 - 30	
MW-4	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2"	9 - 29	
MW-5	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4"	7 - 27	
MW-6	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4"	7 - 27	
MW-7	ACT	01/23/12	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.2	<0.23	<0.19	<5.2	NP	13.27	17.43	0.00	148.20	134.93	2"	8 - 18
MW-8	ACT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2"	8 - 18	

**NOTE:**

ACT	Groundwater well currently used for monitoring	TPHg	= Total Petroleum Hydrocarbons as gasoline	MTBE	= Methyl-tert-butyl ether	DTP	= Depth To Product	* - *	= Not analyzed / Not available
INACT	Groundwater well is NOT included in monitoring program	TPHd	= Total Petroleum Hydrocarbons as diesel	DIPE	= Isopropyl ether	DTW	= Depth To Water	* < *	= Less than detection level indicated
DRY	Groundwater well is dry and/or cannot be sampled	B	= Benzene	ETBE	= Ethyl-tert-butyl ether	DTB	= Depth To Bottom	* J *	= Flag indicating value
NOACC	Presently no access to groundwater well	T	= Toluene	TAME	= Tert-amyl methyl ether	PT	= Product Thickness		between MDL & PQL
DEST	Well has been properly destroyed, no longer a conduit to subsurface	E	= Ethylbenzene	TBA	= Tertiary butyl alcohol	GW	= Groundwater	NP	= No free product
AB	Groundwater well is abandoned, but not yet destroyed	X	= Total Xylenes						

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
<b>MONITORING WELL #MW-1</b>											
Screen Interval = 15 to 30 feet						Casing Diameter = 2 inches					
11/21/86	-	-	-	-	-	-	NP	15.42	0.00	99.34	83.92
07/22/91	-	-	-	-	-	-	FILM	20.41	0.00	99.34	78.93
10/24/91	-	-	-	-	-	-	SHEEN	19.06	0.00	99.34	80.28
01/22/92	-	-	-	-	-	-	SHEEN	18.78	0.00	99.34	80.56
03/24/92	-	-	-	-	-	-	SHEEN	13.55	0.00	99.34	85.79
07/15/92	-	-	-	-	-	-	FILM	18.90	0.00	99.34	80.44
10/05/92	-	-	-	-	-	-	FILM	20.50	0.00	99.34	78.84
01/06/93	-	-	-	-	-	-	FILM	14.93	0.00	99.34	84.41
07/13/93	-	-	-	-	-	-	FILM	15.44	0.00	99.34	83.90
10/11/93	-	-	-	-	-	-	FILM	20.36	0.00	99.34	78.98
01/11/94	-	-	-	-	-	-	FILM	19.50	0.00	99.34	79.84
04/12/94	-	-	-	-	-	-	FILM	18.10	0.00	99.34	81.24
07/14/94	-	-	-	-	-	-	FILM	20.03	0.00	99.34	79.31
01/15/96	11,000	2,800	150	780	770	-	NP	19.02	0.00	99.34	80.32
04/15/96	17,000	3,600	330	1,500	3,400	-	NP	18.82	0.00	99.34	80.52
07/15/96	12,000	1,300	200	1,200	4,600	250	NP	#N/A	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.87	0.00	99.34	84.47
01/13/97	27,000	810	6,000	570	4,100	2,700	NP	10.20	0.00	99.34	89.14
04/14/97	2,900	3.0	2.9	<0.3	1.7	9,900	NP	#N/A	-	-	-
07/07/97	5,200	0.57	0.57	<0.3	0.71	16,000	NP	18.75	0.00	99.34	80.59
10/16/97	680	<0.3	0.55	<0.3	<0.5	-	NP	17.92	0.00	99.34	81.42
01/07/98	42,000	980	2,800	1,200	5,200	1.3	NP	9.80	0.00	99.34	89.54
04/06/98	7,100	700	340	170	2,600	1,000	NP	9.60	0.00	99.34	89.74
07/14/98	19,000	2,100	400	890	5,800	1,600	NP	13.70	0.00	99.34	85.64
10/15/98	490	<0.3	<0.3	<0.3	<0.5	1,300	NP	15.25	0.00	99.34	84.09
01/20/99	350	<0.3	<0.3	<0.3	<0.5	*670 / 820	NP	12.20	0.00	99.34	87.14
04/16/99	320	<0.3	<0.3	<0.3	<0.5	*540 / 630	NP	12.20	0.00	99.34	87.14
07/14/99	290	<0.3	<0.3	<0.3	<0.5	*590 / 580	NP	13.75	0.00	99.34	85.59
10/07/99	130	<0.3	<0.3	<0.3	<0.5	270	NP	12.15	0.00	99.34	87.19
01/26/00	13,000	460	54	290	3,700	940	NP	13.14	0.00	99.34	86.20
04/19/00	546	<0.25	<0.25	<0.25	<0.5	*430 / 606	NP	10.63	0.00	99.34	88.71
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	9.11	0.00	99.34	90.23
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	9.10	0.00	99.34	90.24
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.08	0.00	99.34	90.26
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	87.18
04/23/01	18,100	740	55	650	4,000	*1,850 / 842	NP	10.60	0.00	99.34	88.74
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.07	0.00	99.34	90.27
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	12.16	0.00	99.34	87.18
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.23	0.00	99.34	84.11
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.17	0.00	99.34	84.17
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	16.71	0.00	99.34	82.63
10/30/02	<50	2.2	<0.14	<0.18	<0.26	13	NP	15.16	0.00	99.34	84.18
01/15/03	465 J	<0.14	<0.07	<0.08	<0.35	147	NP	16.70	0.00	99.34	82.64
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.16	0.00	99.34	84.18
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.64	0.00	99.34	85.70
10/08/03	761	11	<0.32	1.4 J	2.9 J	653	NP	15.50	0.00	99.34	83.84
01/15/04	853	<0.04	<0.02	<0.02	<0.06	*1,100 / 558	NP	14.20	0.00	99.34	85.14
04/14/04	494	<2.2	<3.2	<3.1	<4.0	843	NP	12.93	0.00	99.34	86.41
07/29/04	1,040	<2.2	<3.2	<3.1	<4.0	1,070	NP	14.73	0.00	99.34	84.61
10/14/04	3,250	266	<0.32	59	78	811	NP	15.26	0.00	99.34	84.08
01/06/05	197	<0.22	<0.32	<0.31	<0.4	406	NP	15.14	0.00	99.34	84.20
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.40	0.00	99.34	89.94
07/27/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.65	0.00	99.34	82.69

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (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)					
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	18.19	0.00	99.34	81.15
01/19/06	1,380	58	<0.10	62	113	33	NP	9.37	0.00	99.34	89.97
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	10.02	0.00	99.34	89.32
07/26/06	8,850	151	649	178	778	133	NP	15.18	0.00	99.34	84.16
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	75	NP	15.13	0.00	99.34	84.21
01/24/07	<5.6	<0.32	3.1 J	1.2 J	6.4	<0.63	NP	13.60	0.00	148.43	134.83
04/24/07	3,090	133	3.2 J	114	116	72	NP	15.61	0.00	148.43	132.82
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.67	0.00	148.43	133.76
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.26	0.00	148.43	134.17
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.60	0.00	148.43	132.83
04/29/08	<6.6	<0.18	1.4 J	<0.21	1.4 J	<0.19	NP	16.32	0.00	148.43	132.11
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.04	0.00	148.43	133.39
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.23	0.00	148.43	134.20
01/29/09	<6.6	<0.18	1.3 J	<0.21	<0.45	<0.19	NP	14.24	0.00	148.43	134.19
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.52	0.00	148.43	132.91
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.28	0.00	148.43	134.15
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.04	0.00	148.43	136.39
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.92	0.00	148.43	135.51
06/08/11	734	1.2	30	25	169	<0.19	NP	14.21	0.00	148.43	134.22
12/14/11	<6.6	<0.18	2.6 J	<0.21	5.7	<0.19	NP	12.94	0.00	148.43	135.49

**MONITORING WELL #MW-2**

Screen Interval = 15 to 30 feet

11/21/86	-	-	-	-	-	-	0.11	14.90	14.79	100.01	96.28
07/22/91	-	-	-	-	-	-	0.38	17.84	17.46	100.01	95.35
10/24/91	-	-	-	-	-	-	16.97	17.00	0.03	100.01	83.03
01/22/92	-	-	-	-	-	-	FILM	16.72	0.00	100.01	83.29
03/24/92	-	-	-	-	-	-	11.98	15.81	3.83	100.01	87.09
07/15/92	-	-	-	-	-	-	FILM	16.37	0.00	100.01	83.64
10/05/92	-	-	-	-	-	-	18.09	18.41	0.32	100.01	81.84
01/06/93	-	-	-	-	-	-	FILM	12.37	0.00	100.01	87.64
07/13/93	-	-	-	-	-	-	FILM	15.19	0.00	100.01	84.82
10/11/93	-	-	-	-	-	-	0.10	18.05	17.95	100.01	95.51
01/11/94	-	-	-	-	-	-	0.03	16.98	16.95	100.01	95.83
04/12/94	-	-	-	-	-	-	FILM	15.54	0.00	100.01	84.47
07/14/94	-	-	-	-	-	-	FILM	17.93	0.00	100.01	82.08
01/15/96	7,100	720	280	48	660	-	NP	17.20	0.00	100.01	82.81
04/15/96	11,000	600	59	420	870	-	NP	17.26	0.00	100.01	82.75
07/15/96	19,000	360	51	610	1,600	<250	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	14.42	0.00	100.01	85.59
01/13/97	11,000	230	30	91	700	56	NP	10.25	0.00	100.01	89.76
04/14/97	141	1.2	0.33	0.44	<0.5	20	#N/A	-	-	-	-
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	17.20	0.00	100.01	82.81
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	16.20	0.00	100.01	83.81
01/07/98	-	-	-	-	-	-	16.18	16.26	0.08	100.01	83.81

Well Abandoned 1/30/98

**MONITORING WELL #MW-3**

Screen Interval = 15 to 30 feet

(GROUNDWATER SYSTEM'S PUMPING WELL)

Casing Diameter = 6 inches

11/21/86	-	100	5.1	<1.0	25	-	0.10	16.25	16.15	99.76	95.70
07/22/91	-	-	-	-	-	-	NP	24.00	0.00	99.76	75.76
10/24/91	-	-	-	-	-	-	NP	18.10	0.00	99.76	81.66
01/22/92	-	-	-	-	-	-	SHEEN	25.80	0.00	99.76	73.96
03/24/92	-	-	-	-	-	-	NP	15.60	0.00	99.76	84.16
07/15/92	-	-	-	-	-	-	FILM	25.10	0.00	99.76	74.66

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/05/92	-	-	-	-	-	-	NP	25.20	0.00	99.76	74.56
01/06/93	-	-	-	-	-	-	NP	25.45	0.00	99.76	74.31
07/13/93	-	-	-	-	-	-	NP	14.24	0.00	99.76	85.52
10/11/93	-	-	-	-	-	-	NP	25.60	0.00	99.76	74.16
01/11/94	-	-	-	-	-	-	NP	25.90	0.00	99.76	73.86
04/12/94	-	-	-	-	-	-	NP	25.70	0.00	99.76	74.06
07/14/94	-	-	-	-	-	-	NP	25.10	0.00	99.76	74.66
01/15/96	-	-	-	-	-	-	NP	26.04	0.00	99.76	73.72
04/15/96	-	-	-	-	-	-	NP	21.03	0.00	99.76	78.73
07/15/96	5,900	240	30	270	730	780		#N/A	-	-	-
10/09/96	-	-	-	-	-	-	NP	21.43	0.00	99.76	78.33
01/13/97	-	-	-	-	-	-	NP	11.20	0.00	99.76	88.56
07/07/97	-	-	-	-	-	-	NP	23.40	0.00	99.76	76.36
10/16/97	-	-	-	-	-	-	NP	22.30	0.00	99.76	77.46
01/07/98	-	-	-	-	-	-	NP	20.10	0.00	99.76	79.66
07/14/98	-	-	-	-	-	-	NP	14.40	0.00	99.76	85.36
10/15/98	-	-	-	-	-	-		#N/A	-	-	-
01/20/99	-	-	-	-	-	-		#N/A	-	-	-
04/16/99	-	-	-	-	-	-	NP	11.20	0.00	99.76	88.56
07/14/99	5,600	9.6	1.3	3.5	8.1	*14,000 / 14,000	NP	25.87	0.00	99.76	73.89
10/07/99	-	-	-	-	-	-	NP	15.40	0.00	99.76	84.36
01/26/00	-	-	-	-	-	-	NP	14.25	0.00	99.76	85.51
04/19/00	-	-	-	-	-	-	NP	14.20	0.00	99.76	85.56
05/26/00	-	-	-	-	-	-	NP	15.12	0.00	99.76	84.64
07/26/00	-	-	-	-	-	-	NP	14.30	0.00	99.76	85.46
10/25/00	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
01/10/01	-	-	-	-	-	-	NP	13.46	0.00	99.76	86.30
04/23/01	-	-	-	-	-	-		#N/A	-	-	-
07/16/01	-	-	-	-	-	-	NP	12.80	0.00	99.76	86.96
10/17/01	-	-	-	-	-	-	NP	15.30	0.00	99.76	84.46
01/23/02	-	-	-	-	-	-		#N/A	-	-	-
04/10/02	-	-	-	-	-	-	NP	13.22	0.00	99.76	86.54
07/24/02	-	-	-	-	-	-	NP	14.32	0.00	99.76	85.44
10/30/02	-	-	-	-	-	-	NP	16.20	0.00	99.76	83.56
01/15/03	-	-	-	-	-	-	NP	14.10	0.00	99.76	85.66
04/16/03	-	-	-	-	-	-		#N/A	-	99.76	-
07/14/03	2,490	<0.22	<0.32	<0.31	1.3 J	2,050	NP	18.30	0.00	99.76	81.46
10/08/03	3,330	<0.22	<0.32	<0.31	<0.4	4,070	NP	16.65	0.00	99.76	83.11
01/15/04	102	2.1	3.5	<0.02	12	*28 / 17	NP	14.18	0.00	99.76	85.58
04/14/04	464	63	18	<0.31	16	189	NP	13.45	0.00	99.76	86.32
07/29/04	1,560	74	<3.2	30 J	<4.0	729	NP	15.94	0.00	99.76	83.82
10/14/04	2,490	25	<0.32	<0.31	<0.4	2,530	NP	16.11	0.00	99.76	83.65
01/06/05	394	12	<0.32	1.5 J	<0.4	51	NP	15.61	0.00	99.76	84.15
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.19	0.00	99.76	90.57
07/27/05	383	5.6	<0.10	17	2.4 J	125	NP	16.63	0.00	99.76	83.13
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	16.97	0.00	99.76	82.79
01/19/06	2,050	93	2.2 J	103	55	273	NP	10.92	0.00	99.76	88.84
04/12/06	70	<0.32	<0.10	<0.24	<0.30	265	NP	12.55	0.00	99.76	87.21
07/26/06	228	<0.32	<0.10	<0.24	26	389	NP	14.94	0.00	99.76	84.82
10/25/06	87,100	26	4,880	2,390	18,500	<6.3	NP	17.49	0.00	99.76	82.27
01/24/07	4,770	1.5	98	86	604	<0.63	NP	13.40	0.00	148.94	135.54
04/24/07	15,700	42	<2.4	404	1,250	<1.9	NP	16.76	0.00	148.94	132.18
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.72	0.00	148.94	133.22
10/24/07	2,100	120	1.5 J	36	4.0 J	499	NP	15.43	0.00	148.94	133.51

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
01/23/08	59	<0.18	<0.24	<0.21	3.2 J	25	NP	15.43	0.00	148.94	133.51
04/29/08	1,770	34	273	60	361	11	NP	16.30	0.00	148.94	132.64
07/30/08	<6.6	<0.18	<0.24	<0.21	1.9 J	<0.19	NP	15.61	0.00	148.94	133.33
10/29/08	13,500	84	1,190	615	4,080	28	NP	15.42	0.00	148.94	133.52
01/29/09	2,510	81	449	67	448	<1.9	NP	15.40	0.00	148.94	133.54
05/06/09	119	<0.18	2.3 J	2.7 J	22	10	NP	15.26	0.00	148.94	133.68
12/14/09	17,400	118	970	362	2,670	<0.19	NP	15.45	0.00	148.94	133.49
05/19/10	133	<0.18	<0.24	<0.21	<0.45	5.2	NP	12.52	0.00	148.94	136.42
11/10/10	84	<0.18	<0.24	<0.21	2.6 J	51	NP	13.42	0.00	148.94	135.52
06/08/11	23,600	262	2,780	80 J	5,380	<3.8	NP	15.42	0.00	148.94	133.52
12/14/11	25,300	38	890	340	4,900	<3.8	NP	13.43	0.00	148.94	135.51

**MONITORING WELL #MW-4**

Screen Interval = 9 to 29 feet

Casing Diameter = 2 inches

DATE	TPH	BENZENE	TOLUENE	EthylBenzene	XYLENE	MTBE	DEPTH TO PRODUCT	DEPTH TO GROUNDWATER	PRODUCT THICKNESS	CASING ELEVATION	GROUNDWATER ELEVATION
11/21/86	100,000	3,200	2,700	2,400	14,000	-	FILM	16.22	0.00	99.48	83.26
07/22/91	-	-	-	-	-	-	21.35	21.80	0.45	99.48	78.02
10/24/91	-	-	-	-	-	-	SHEEN	20.02	0.00	99.48	79.46
01/22/92	-	-	-	-	-	-	SHEEN	19.78	0.00	99.48	79.70
03/24/92	-	-	-	-	-	-	FILM	13.94	0.00	99.48	85.54
07/15/92	-	-	-	-	-	-	FILM	19.27	0.00	99.48	80.21
10/05/92	-	-	-	-	-	-	FILM	21.44	0.00	99.48	78.04
01/06/93	-	-	-	-	-	-	FILM	14.08	0.00	99.48	85.40
07/13/93	-	-	-	-	-	-	FILM	16.09	0.00	99.48	83.39
10/11/93	-	-	-	-	-	-	FILM	21.33	0.00	99.48	78.15
01/11/94	-	-	-	-	-	-	FILM	20.45	0.00	99.48	79.03
04/12/94	-	-	-	-	-	-	FILM	19.05	0.00	99.48	80.43
07/14/94	-	-	-	-	-	-	FILM	20.41	0.00	99.48	79.07
01/15/96	5,000	370	38	300	390	-	NP	19.89	0.00	99.48	79.59
04/15/96	38,000	300	78	540	470	-	NP	19.62	0.00	99.48	79.86
07/15/96	13,000	880	69	820	1,100	3,600	#N/A	-	-	-	-
10/09/96	-	-	-	-	-	-	NP	15.32	0.00	99.48	84.16
01/13/97	47,000	2,500	2,500	1,100	2,800	70,000	NP	10.80	0.00	99.48	88.68
04/14/97	8,700	<0.3	0.45	<0.3	0.64	29,000	#N/A	-	-	-	-
07/07/97	12,000	<0.3	<0.3	<0.3	<0.5	-	NP	18.80	0.00	99.48	80.68
10/16/97	770	<0.3	<0.3	<0.3	<0.5	-	NP	17.76	0.00	99.48	81.72
01/07/98	75,000	3,000	900	1,400	2,500	110	NP	11.60	0.00	99.48	87.88
04/08/98	18,000	1,200	130	710	1,400	22,000	NP	10.10	0.00	99.48	89.38
07/14/98	21,000	1,300	58	1,200	1,100	23,000	NP	16.30	0.00	99.48	83.18
10/15/98	9,100	1.1	0.62	<0.3	<0.5	30,000	NP	16.90	0.00	99.48	82.58
01/20/99	16,000	<0.3	0.91	0.72	1.4	* 43,000 / 42,000	NP	15.35	0.00	100.48	85.13
04/16/99	17,000	0.48	0.92	0.54	1.4	* 28,000 / 26,000	NP	15.30	0.00	100.48	85.18
07/14/99	8,500	<6.0	<6.0	<6.0	<10	*21,000 / 16,000	NP	18.40	0.00	100.48	82.08
10/07/99	2,500	<1.5	3.1	<1.5	<2.5	4,800	NP	16.89	0.00	100.48	83.59
01/26/00	9,900	350	9.0	460	460	2,800	NP	12.62	0.00	100.48	87.86
04/19/00	8,990	0.7	<0.25	<0.25	<0.5	*3,240 / 5,450	NP	12.28	0.00	100.48	88.20
05/26/00	94	<0.3	<0.3	<0.3	<0.6	*746 / 419	NP	13.81	0.00	100.48	86.67
07/28/00	<50	<0.3	<0.3	<0.3	<0.6	3,110 / 2,060	NP	12.29	0.00	100.48	88.19
10/25/00	2,480	<0.18	<0.14	<0.18	<0.26	*3,690 / 3,040	NP	12.26	0.00	100.48	88.22
01/10/01	<50	<0.18	2.0	<0.18	1.0	962	NP	10.75	0.00	100.48	89.73
04/23/01	482	<0.18	<0.14	<0.18	<0.26	*875 / 453	NP	12.26	0.00	100.48	88.22
07/16/01	71,700	9,440	12,600	514	8,980	*1,330 / 389	NP	13.80	0.00	100.48	86.68
10/17/01	13,500	1,950	425	<5.94	1,110	*829 / 329	NP	16.87	0.00	100.48	83.61
01/23/02	12,100	196	57	68	2,090	*688/738	NP	12.28	0.00	100.48	88.20
04/10/02	655	7.0	8.0	1.0	1.0	587	NP	13.80	0.00	100.48	86.68



**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (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)					
07/24/02	17,400	<0.18	1.9	1.4	2.2	12,800	NP	15.33	0.00	100.48	85.15
10/30/02	17,300	400	47	748	131	12,300	NP	17.00	0.00	100.48	83.48
01/15/03	23,000	568	39	832	268	18,300	NP	16.84	0.00	100.48	83.64
04/16/03	15,800	411	15	26	14	18,200	NP	16.86	0.00	100.48	83.62
07/14/03	13,300	145	26	2.8 J	12	17,600	NP	10.69	0.00	100.48	89.79
10/08/03	12,500	64	<3.2	359	24 J	11,400	NP	16.32	0.00	100.48	84.16
01/15/04	12,300	11	4.4	66	4.0	*17,000 / 9,560	NP	14.67	0.00	100.48	85.81
04/14/04	7,340	<11	<16	<15.5	<20	13,500	NP	13.68	0.00	100.48	86.80
07/29/04	5,400	<2.2	<3.2	57	<4.0	6,730	NP	15.50	0.00	100.48	84.98
10/14/04	10,200	197	<3.2	233	13 J	3,940	NP	16.08	0.00	100.48	84.40
01/06/05	4,880	60	<3.2	74	<4.0	4,760	NP	15.24	0.00	100.48	85.24
04/13/05	2,780	57	35	20	251	3,650	NP	9.64	0.00	100.48	90.84
07/27/05	1,990	<0.32	<0.10	<0.24	<0.30	2,590	NP	16.79	0.00	100.48	83.69
10/12/05	25,700	177	<1.0	941	<3.0	4,810	NP	16.78	0.00	100.48	83.70
01/19/06	4,780	96	1.9 J	183	57	210	NP	10.46	0.00	100.48	90.02
04/12/06	1,860	<0.32	<0.10	<0.24	<0.30	192	NP	12.69	0.00	100.48	87.79
07/26/06	6,390	133	343	94	363	1,160	NP	15.18	0.00	100.48	85.30
10/25/06	12,100	51	162	<2.4	2,380	2,050	NP	14.88	0.00	100.48	85.60
01/24/07	21,600	2.9	256	205	1,710	123	NP	13.74	0.00	148.88	135.14
04/24/07	1,840	25	<0.24	80	14	754	NP	16.67	0.00	148.88	132.21
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.44	0.00	148.88	133.44
10/24/07	106	13	<0.24	1.4 J	<0.45	44	NP	15.17	0.00	148.88	133.71
01/23/08	1,520	41	100	18	152	428	NP	16.57	0.00	148.88	132.31
04/29/08	4,340	76	498	138	817	<1.9	NP	17.58	0.00	148.88	131.30
07/30/08	1,280	28	105	26	150	<0.19	NP	16.54	0.00	148.88	132.34
10/29/08	31,500	130	1,870	926	5,510	<19	NP	15.14	0.00	148.88	133.74
01/29/09	184,000	1,620	30,600	5,250	24,000	<4.75	NP	15.15	0.00	148.88	133.73
02/16/09	42,900	525	5,570	<5.25	7,560	<4.75	NP	11.38	0.00	148.88	137.50
05/06/09	2,660	8.7	184	76	452	3.4	NP	16.53	0.00	148.88	132.35
12/14/09	65,600	384.0	3,610	1,290	9,340	<0.19	NP	15.21	0.00	148.88	133.67
05/19/10	1,870	50	<0.24	105	1.8 J	10	NP	12.40	0.00	148.88	136.48
11/10/10	469	<0.18	<0.24	1.1 J	15	96	NP	13.65	0.00	148.88	135.23
06/08/11	4,390	10	<1.2	<1.05	1,450	<0.95	NP	16.56	0.00	148.88	132.32
12/14/11	9,350	30	520	370	2,400	15	NP	13.67	0.00	148.88	135.21

MONITORING WELL #MW-5	Screen Interval = 7 to 27 feet						Casing Diameter = 4 inches				
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)	DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
11/21/86	<1,000	4.8	2.1	<0.5	7.4	-	NP	16.10	0.00	100.98	84.88
07/22/91	-	<0.5	1.6	<1.0	2.0	-	NP	18.20	0.00	100.98	82.78
10/24/91	-	-	-	-	-	-	NP	17.67	0.00	100.98	83.31
01/22/92	600	21.0	8.0	2.0	17.0	-	#N/A	-	-	-	-
03/24/92	-	-	-	-	-	-	NP	12.98	0.00	100.98	88.00
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	17.29	0.00	100.98	83.69
10/05/92	-	-	-	-	-	-	NP	18.92	0.00	100.98	82.06
01/06/93	300	2.7	<0.5	1.3	26.0	-	NP	13.12	0.00	100.98	87.86
07/13/93	<100	1.1	0.5	1.0	1.5	-	NP	16.15	0.00	100.98	84.83
10/11/93	130	1.2	<0.3	<0.3	<0.6	-	NP	18.75	0.00	100.98	82.23
01/11/94	<50	1.5	<0.3	<0.3	<0.5	-	NP	17.80	0.00	100.98	83.18
04/12/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	13.59	0.00	100.98	87.39
07/14/94	<50	0.42	<0.3	<0.3	<0.5	-	NP	18.26	0.00	100.98	82.72
07/15/95	100	1.2	<0.5	0.8	<1.0	-	#N/A	-	-	-	-
01/15/96	1,900	21	13	6.2	6.8	-	NP	13.09	0.00	100.98	87.89
04/15/96	250	5.1	2.7	1.7	1.1	-	NP	13.16	0.00	100.98	87.82
07/15/96	270	6.5	1.4	1.8	1.4	230	#N/A	-	-	-	-

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
10/09/96	-	-	-	-	-	-	NP	15.37	0.00	100.98	85.61
01/13/97	25,000	780	5,700	560	4,000	24,000	NP	10.90	0.00	100.98	90.08
04/14/97	6,300	260	1,600	28	550	9,000		#N/A	-	-	-
07/07/97	7,500	300	1,500	12	110	16,000	NP	14.70	0.00	100.98	86.28
10/16/97	4,600	<0.3	0.65	<0.3	<0.5	-	NP	13.60	0.00	100.98	87.38
01/07/98	2,700	33	11	37	580	7.3	NP	10.97	0.00	100.98	90.01
04/08/98	300	9.1	<0.3	<0.3	<0.5	650	NP	10.90	0.00	100.98	90.08
07/14/98	670	5.9	<0.3	<0.3	0.53	2,300	NP	15.20	0.00	100.98	85.78
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	19	NP	15.90	0.00	100.98	85.08
01/20/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.20	0.00	101.98	86.78
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.25	0.00	101.98	86.73
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	15.96	0.00	101.98	86.02
10/07/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	16.33	0.00	101.98	85.65
01/26/00	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	14.80	0.00	101.98	87.18
04/19/00	965	<0.25	<0.25	<0.25	<0.5	<5.0	NP	10.97	0.00	101.98	91.01
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	14.43	0.00	101.98	87.55
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	14.02	0.00	101.98	87.96
10/25/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.04	0.00	101.98	87.94
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	*10 / 4.2	NP	10.97	0.00	101.98	91.01
07/16/01	3,360	430	603	53	429	*41 / 4.2	NP	14.80	0.00	101.98	87.18
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	*16 / 5.2	NP	16.71	0.00	101.98	85.27
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.80	0.00	101.98	87.18
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.42	0.00	101.98	87.56
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	14.78	0.00	101.98	87.20
10/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.93	0.00	101.98	86.05
01/15/03	<50	<0.14	<0.07	<0.08	<0.35	<2.0	NP	15.55	0.00	101.98	86.43
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.55	0.00	101.98	86.43
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.93	0.00	101.98	86.05
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	16.35	0.00	101.98	85.63
01/15/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.06	0.00	101.98	86.92
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.96	0.00	101.98	88.02
07/29/04	659	<2.2	<3.2	<3.1	<4.0	606	NP	15.60	0.00	101.98	86.38
10/14/04	411	<0.22	<0.32	<0.31	<0.4	425	NP	16.17	0.00	101.98	85.81
01/06/05	433	<0.22	<0.32	<0.31	<0.4	491	NP	15.52	0.00	101.98	86.46
04/13/05	161	<0.22	<0.32	<0.31	<0.4	465	NP	10.12	0.00	101.98	91.86
07/27/05	237	<0.32	<0.10	<0.24	<0.30	243	NP	16.66	0.00	101.98	85.32
10/12/05	149	<0.32	<0.10	<0.24	<0.30	183	NP	16.66	0.00	101.98	85.32
01/19/06	66	<0.32	<0.10	<0.24	<0.30	5.9	NP	9.96	0.00	101.98	92.02
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	11.69	0.00	101.98	90.29
07/26/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	15.53	0.00	101.98	86.45
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	12.96	0.00	101.98	89.02
01/24/07	60	<0.32	16	3.8 J	17	<0.63	NP	14.37	0.00	149.62	135.25
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.12	0.00	149.62	135.50
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	17.06	0.00	149.62	132.56
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	16.50	0.00	149.62	133.12
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.16	0.00	149.62	135.46
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.89	0.00	149.62	134.73
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.96	0.00	149.62	133.66
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	16.47	0.00	149.62	133.15
01/29/09	<6.6	<0.18	1.9 J	<0.21	<0.45	<0.19	NP	16.47	0.00	149.62	133.15
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53
12/14/09	131	2.4	14	2.6 J	14	<0.19	NP	16.53	0.00	149.62	133.09
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.01	0.00	149.62	135.61

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)	
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)						
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.09	0.00	149.62	135.53	
06/08/11	4,100	29	437	161	816	<0.19	NP	16.48	0.00	149.62	133.14	
12/14/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.11	0.00	149.62	135.51	
<b>MONITORING WELL #MW-6</b>												
				Screen Interval = 7 to 27 feet				Casing Diameter = 4 inches				
11/21/86	<1,000	<2.0	<2.0	<2.0	<2.0	-	NP	12.64	0.00	99.44	86.80	
07/22/91	-	-	-	-	-	-	-	#N/A	-	-	-	
01/22/92	<200	<0.5	<0.5	<0.5	1.5	-	-	#N/A	-	-	-	
03/24/92	-	-	-	-	-	-	-	-	-	-	-	
07/15/92	<200	<0.5	<0.5	<0.5	<0.5	-	NP	10.04	0.00	99.44	89.40	
10/05/92	-	-	-	-	-	-	NP	13.29	0.00	99.44	86.15	
01/06/93	<200	<0.5	<0.5	<0.5	<1.0	-	NP	14.69	0.00	99.44	84.75	
07/13/93	<100	<0.5	<0.5	<0.5	<1.0	-	NP	10.87	0.00	99.44	88.57	
10/11/93	<60	<0.3	<0.3	<0.3	<0.6	-	NP	13.10	0.00	99.44	86.34	
01/11/94	<50	<0.3	<0.3	<0.3	<0.5	-	NP	14.43	0.00	99.44	85.01	
04/12/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	13.56	0.00	99.44	85.88	
07/14/94	<50	<0.3	<0.3	<0.3	<0.3	-	NP	12.10	0.00	99.44	87.34	
07/15/95	140	<0.5	<0.5	<0.5	<1	-	NP	14.16	0.00	99.44	85.28	
01/15/96	56	0.38	0.33	<0.3	<0.5	-	NP	#N/A	-	-	-	
04/15/96	96	4.5	<0.3	<0.3	0.53	-	NP	14.29	0.00	99.44	85.15	
07/15/96	140	2.4	0.44	<0.3	0.70	110	NP	14.32	0.00	99.44	85.12	
10/09/96	-	-	-	-	-	-	-	#N/A	-	-	-	
01/13/97	210	<0.3	1.2	<0.3	0.68	270	NP	12.09	0.00	99.44	87.35	
04/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	9.85	0.00	99.44	89.59	
07/07/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	#N/A	-	-	-	
10/16/97	<50	<0.3	<0.3	<0.3	<0.5	-	NP	14.20	0.00	99.44	85.24	
01/07/98	<50	<0.3	<0.3	<0.3	<0.5	0.10	NP	13.10	0.00	99.44	86.34	
07/14/98	330	<0.3	<0.3	<0.3	<0.5	380	NP	9.80	0.00	99.44	89.64	
10/15/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	12.30	0.00	99.44	87.14	
01/20/99	<50	0.47	<0.3	<0.3	<0.5	<5.0	NP	14.30	0.00	99.44	85.14	
04/16/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	13.60	0.00	100.44	86.84	
07/14/99	<50	<0.3	<0.3	<0.3	<0.5	*5.4 / <5.0	NP	13.50	0.00	100.44	86.94	
10/07/99	<50	<0.3	0.96	0.35	1.8	<5.0	NP	14.65	0.00	100.44	85.79	
01/26/00	<50	<0.3	<0.3	<0.3	0.63	<5.0	NP	15.39	0.00	100.44	85.05	
04/19/00	83.1	<0.25	<0.25	<0.25	<0.5	*11 / <5.0	NP	13.85	0.00	100.44	86.59	
05/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	9.65	0.00	100.44	90.79	
07/26/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	13.10	0.00	100.44	87.34	
10/25/00	<50	<0.18	<0.14	<0.18	<0.6	<5.0	NP	12.35	0.00	100.44	88.09	
01/10/01	<50	<0.18	<0.14	<0.18	<0.26	*7 / 10	NP	12.30	0.00	100.44	88.14	
04/23/01	<50	<0.18	<0.14	<0.18	<0.26	78	NP	13.45	0.00	100.44	86.99	
07/16/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	9.65	0.00	100.44	90.79	
10/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.09	0.00	100.44	87.35	
01/23/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	15.37	0.00	100.44	85.07	
04/10/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.27	0.00	100.44	87.17	
07/24/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	13.07	0.00	100.44	87.37	
10/30/02	<50	1.6	<0.14	<0.18	<0.26	6.4	NP	13.86	0.00	100.44	86.58	
01/15/03	<50	<0.14	<0.07	<0.08	0.84	<2.0	NP	14.20	0.00	100.44	86.24	
04/16/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	15.35	0.00	100.44	85.09	
07/14/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	14.58	0.00	100.44	85.86	
10/08/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	15.35	0.00	100.44	85.09	
01/15/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	13.80	0.00	100.44	86.64	
04/14/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.51	0.00	100.44	86.93	
07/29/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	11.62	0.00	100.44	88.82	
10/14/04	346	<0.22	<0.32	<0.31	<0.4	159	NP	13.12	0.00	100.44	87.32	
								13.53	0.00	100.44	86.91	

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)					
01/06/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	13.02	0.00	100.44	87.42
04/13/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	9.32	0.00	100.44	91.12
07/27/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	13.17	0.00	100.44	87.27
10/12/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	14.55	0.00	100.44	85.89
01/19/06	72	<0.32	<0.10	<0.24	<0.30	12	NP	8.74	0.00	100.44	91.70
04/12/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	9.96	0.00	100.44	90.48
07/26/06	55	<0.32	<0.10	<0.24	<0.30	57	NP	12.56	0.00	100.44	87.88
10/25/06	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	13.00	0.00	100.44	87.44
01/24/07	<5.6	<0.32	2.2 J	1.1 J	5.6	<0.63	NP	11.87	0.00	148.38	136.51
04/24/07	<5.6	<0.18	<0.24	<0.21	1.5 J	5.7	NP	10.63	0.00	148.38	137.75
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.04	0.00	148.38	135.34
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.53	0.00	148.38	135.85
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.70	0.00	148.38	137.68
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	11.43	0.00	148.38	136.95
07/30/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.36	0.00	148.38	135.02
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.51	0.00	148.38	135.87
01/29/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.50	0.00	148.38	135.88
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.63	0.00	148.38	137.75
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.55	0.00	148.38	135.83
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.56	0.00	148.38	137.82
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	10.12	0.00	148.38	138.26
06/08/11	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.50	0.00	148.38	135.88
12/14/11	<6.6	<0.18	<0.24	<0.21	1.2 J	<0.19	NP	10.13	0.00	148.38	138.25

<b>MONITORING WELL #MW-7</b>											
Screen Interval = 8 to 18 feet						Casing Diameter = 2 inches					
03/05/07	3,110	16	<0.10	125	725	10	NP	10.84	0.00	148.20	137.36
04/24/07	15,500	42	<2.4	381	1,230	<1.9	NP	15.03	0.00	148.20	133.17
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.03	0.00	148.20	133.17
10/24/07	1,100	72	<0.24	18	1.6 J	221	NP	14.54	0.00	148.20	133.66
01/23/08	149	<0.18	14	4.4 J	25	<0.19	NP	15.00	0.00	148.20	133.20
04/29/08	978	<0.18	4.2 J	25	165	<0.19	NP	13.14	0.00	148.20	135.06
07/30/08	181	<0.18	<0.24	<0.21	22	<0.19	NP	15.13	0.00	148.20	133.07
10/29/08	13,200	108	987	400	2,550	<0.19	NP	14.52	0.00	148.20	133.68
01/29/09	11,100	176	1,360	374	2,380	<1.9	NP	14.51	0.00	148.20	133.69
05/06/09	15,400	241	1,110	342	1,660	<1.9	NP	12.33	0.00	148.20	135.87
12/14/09	39,900	271	3,240	1,420	8,890	<19.0	NP	12.42	0.00	148.20	135.78
05/19/10	3,360	18	88	64	379	12	NP	12.56	0.00	148.20	135.64
11/10/10	29,800	1.0	1.3 J	2,400	10,300	3.0	NP	13.43	0.00	148.20	134.77
06/08/11	14,000	138	1,580	521	2,880	<9.5	NP	14.52	0.00	148.20	133.68
12/14/11	136,000	500	11,000	2,700	14,000	<1.9	NP	13.45	0.00	148.20	134.75
01/23/12	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.27	0.00	148.20	134.93

<b>MONITORING WELL #MW-8</b>											
Screen Interval = 8 to 18 feet						Casing Diameter = 2 inches					
03/05/07	<5.6	<0.32	<0.10	<0.24	<0.3	22	NP	11.90	0.00	147.31	135.41
04/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.37	0.00	147.31	134.94
07/25/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	13.42	0.00	147.31	133.89
10/24/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.93	0.00	147.31	134.38
01/23/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.40	0.00	147.31	134.91
04/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.73	0.00	147.31	131.58
07/30/08	<6.6	<0.18	1.3 J	<0.21	1.1 J	<0.19	NP	13.50	0.00	147.31	133.81
10/29/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.92	0.00	147.31	134.39
01/29/09	<6.6	<0.18	4.8 J	<0.21	1.7 J	<0.19	NP	12.89	0.00	147.31	134.42

**TABLE 1  
GROUNDWATER DATA  
THRIFTY OIL STATION #063, OAKLAND, CA**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (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)					
05/06/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	14.93	0.00	147.31	132.38
12/14/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.95	0.00	147.31	134.36
05/19/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	15.14	0.00	147.31	132.17
11/10/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	12.36	0.00	147.31	134.95
06/08/11	<6.6	<0.18	2.2 J	<0.21	4.1 J	<0.19	NP	12.91	0.00	147.31	134.40
12/14/11	<6.6	<0.18	1.3 J	<0.21	2.9 J	<0.19	NP	12.37	0.00	147.31	134.94

**NOTE:** Monitoring wells MW-1 through MW-8 were surveyed on 3/5/2007

^ Top of casing elevation estimated to be 6 inches below well rim

NP = No free hydrocarbon product

" - " = Not analyzed / Not available

\* MTBE 8020 / 8260

Benzene, toluene, ethlybenzene, and xylene analyzed by EPA method 8020/8021B.

Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline

Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020/8021B

On 10/8/03 & 7/14/2003, BTEX and MTBE analyzed by 8260B

Beginning 4/14/2004, BTEX and MTBE analyzed by 8260B

**TABLE 2  
OXYGENATE DATA IN GROUNDWATER  
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES						
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)	
<b>MONITORING WELL # MW-1</b>							
10/16/97	<20	<20	<20	3,900			
01/07/98	<20	<20	92	<500			
04/03/98	<20	<20	65	<500			
07/14/03	<0.29	<0.17	<0.28	<10			
10/08/03	<0.29	<0.17	15	487			
01/15/04	-	-	-	-			
04/14/04	-	-	-	-			
07/29/04	-	-	-	-			
10/14/04	-	-	-	-			
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20	
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20	
01/19/06	<0.29	<0.17	<0.28	27	<20	<20	
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20	
07/26/06	<2.9	<1.7	<2.8	121	-	-	
10/25/06	<0.29	<0.17	2.4	11	-	-	
01/24/07	<0.29	<0.17	<0.28	<10	-	-	
04/24/07	<0.20	<0.23	<0.19	54	-	-	
07/25/07	<0.20	<0.23	<0.19	<10	-	-	
10/24/07	<0.20	<0.23	<0.19	<10	-	-	
01/23/08	<0.20	<0.23	<0.19	<10	-	-	
04/29/08	<0.20	<0.23	<0.19	<10	-	-	
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-	
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-	
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-	
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-	
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-	
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-	
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-	
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-	
12/14/11	<0.2	<0.23	<0.19	<5.2	-	-	
<b>MONITORING WELL # MW-2</b>							
10/16/97	<20	<20	<20	<500			
			Well Abandoned 1/30/98				
<b>MONITORING WELL # MW-3(GROUNDWATER SYSTEM'S PUMPING WELL)</b>							
10/16/97	-	-	-	-			
01/07/98	-	-	-	-			
04/03/98	-	-	-	-			
07/14/03	<0.29	<0.17	24	608			
10/08/03	<0.29	<0.17	30	<10			
01/15/04	-	-	-	-			
04/14/04	-	-	-	-			
07/29/04	-	-	-	-			
10/14/04	-	-	-	-			
07/27/05	<0.29	<0.17	<0.28	24	<20	<20	
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20	
01/19/06	<0.29	<0.17	3.9	167	<20	<20	
04/12/06	<0.29	<0.17	2.5	17	<20	<20	
07/26/06	<0.29	<0.17	3.2	205	-	-	
10/25/06	<2.9	<1.7	<2.8	<100	-	-	
01/24/07	<0.29	<0.17	<0.28	70	-	-	
04/24/07	<2.0	<2.3	<1.9	<18	-	-	
07/25/07	<0.20	<0.23	<0.19	<10	-	-	
10/24/07	<0.20	<0.23	<0.19	1790	-	-	
01/23/08	<0.20	<0.23	<0.19	38	-	-	
04/29/08	<0.20	<0.23	<0.19	<10	-	-	
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-	
10/29/08	<0.20	<0.23	<0.19	81	-	-	
01/29/09	<2.0	<2.3	<1.9	<52	-	-	
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-	
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-	
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-	

**TABLE 2  
OXYGENATE DATA IN GROUNDWATER  
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
11/10/10	<0.20	<0.23	<0.19	158	-	-
06/08/11	<4.0	<4.6	<3.8	<104.0	-	-
12/14/11	<4	<4.6	<3.8	<104	-	-
<b>MONITORING WELL # MW-4</b>						
10/16/97	<20	<20	<20	14,000		
01/07/98	<20	<20	230	<500		
04/03/98	<200	<200	<200	<5,000		
07/14/03	<0.29	<0.17	62	2,490		
10/08/03	<2.9	<1.7	101	<100		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<2.9	<1.7	<2.8	1,340	<20	<20
01/19/06	<0.29	<0.17	<0.28	138	<20	<20
04/12/06	<0.29	<0.17	<0.28	163	<20	<20
07/26/06	<2.9	<1.7	16	836	-	-
10/25/06	<2.9	<1.7	18	1060	-	-
01/24/07	<0.29	<0.17	<0.28	139	-	-
04/24/07	<0.20	<0.23	11	776	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	62	-	-
01/23/08	<0.20	<0.23	7.3	1,520	-	-
04/29/08	<2.0	<2.3	<1.9	<100	-	-
07/30/08	<0.20	<0.23	<0.19	20	-	-
10/29/08	<20	<23	<19	<520	-	-
01/29/09	<5.0	<5.75	<4.75	<130	-	-
02/16/09	<5.0	<5.75	<4.75	<130	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	50	-	-
11/10/10	<0.20	<0.23	6.1	739	-	-
06/08/11	<1.0	<1.15	<0.95	<26.0	-	-
12/14/11	<1	<1.15	<0.95	140	-	-
<b>MONITORING WELL # MW-5</b>						
10/16/97	<20	<20	<20	4,700		
01/07/98	<20	<20	<20	<500		
04/03/98	<20	<20	<20	<500		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	<0.28	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<0.29	<0.17	<0.28	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-

**TABLE 2  
OXYGENATE DATA IN GROUNDWATER  
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethaanol (ETH) (mg/L)	Methanol (METH) (mg/L)
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	23	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
12/14/11	<0.2	<0.23	<0.19	<5.2	-	-
<b>MONITORING WELL # MW-6</b>						
10/16/97	<20	<20	<20	<500		
01/07/98	<20	<20	40	<500		
04/03/98	-	-	-	-		
07/14/03	<0.29	<0.17	<0.28	<10		
10/08/03	<0.29	<0.17	<0.28	<10		
01/15/04	-	-	-	-		
04/14/04	-	-	-	-		
07/29/04	-	-	-	-		
10/14/04	-	-	-	-		
07/27/05	<0.29	<0.17	<0.28	<10	<20	<20
10/12/05	<0.29	<0.17	<0.28	<10	<20	<20
01/19/06	<0.29	<0.17	2.7	<10	<20	<20
04/12/06	<0.29	<0.17	<0.28	<10	<20	<20
07/26/06	<0.29	<0.17	47	<10	-	-
10/25/06	<0.29	<0.17	<0.28	<10	-	-
01/24/07	<0.29	<0.17	<0.28	<10	-	-
04/24/07	<0.20	<0.23	2.4	<1.8	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
12/14/11	<0.2	<0.23	<0.19	<5.2	-	-
<b>MONITORING WELL # MW-7</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<2.0	<2.3	<1.9	<18	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
10/24/07	<0.20	<0.23	<0.19	1120	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<2.0	<2.3	<1.9	<52	-	-
05/06/09	<2.0	<2.3	<1.9	<52.0	-	-
12/14/09	<20.0	<23.0	<19.0	<520.0	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<10.0	<11.5	<9.5	<260.0	-	-
12/14/11	<2	<2.3	<1.9	<52	-	-
01/23/12	<0.2	<0.23	<0.19	<5.2	-	-
<b>MONITORING WELL # MW-8</b>						
03/05/07	<0.29	<0.17	<0.28	<10	<20	<20
04/24/07	<0.20	<0.23	<0.19	<1.8	-	-
10/24/07	<0.20	<0.23	<0.19	<10	-	-
07/25/07	<0.20	<0.23	<0.19	<10	-	-
01/23/08	<0.20	<0.23	<0.19	<10	-	-
04/29/08	<0.20	<0.23	<0.19	<10	-	-
07/30/08	<0.20	<0.23	<0.19	<5.2	-	-



**TABLE 2  
OXYGENATE DATA IN GROUNDWATER  
THRIFTY OIL STATION # 063, OAKLAND, CA.**

DATE SAMPLED	OXYGENATES					
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)	Ethanol (ETH) (mg/L)	Methanol (METH) (mg/L)
10/29/08	<0.20	<0.23	<0.19	<5.2	-	-
01/29/09	<0.20	<0.23	<0.19	<5.2	-	-
05/06/09	<0.20	<0.23	<0.19	<5.2	-	-
12/14/09	<0.20	<0.23	<0.19	<5.2	-	-
05/19/10	<0.20	<0.23	<0.19	<5.2	-	-
11/10/10	<0.20	<0.23	<0.19	<5.2	-	-
06/08/11	<0.20	<0.23	<0.19	<5.2	-	-
12/14/11	<0.2	<0.23	<0.19	<5.2	-	-

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

***FIGURE***

RESIDENTIAL

62ND STREET

RESIDENTIAL

REMEDIAION  
COMPOUND

STA #063  
BLDG

MW-5

B-4

DISPENSER  
ISLAND

MW-3

B-3

MW-4

B-1

MW-2

MW-6

B

B-2

MW-1

MW-7

6101  
TELEGRAPH AVE.

TELEGRAPH AVENUE

COMMERCIAL

MW-8

RESIDENTIAL

**EXPLANATION**

- ◆ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER RECOVERY WELL
- ⊙ ABANDONED GROUNDWATER MONITORING WELL
- ⊗ SOIL BORING

61ST STREET

0 30  
APPROXIMATE SCALE  
IN FEET



**SITE PLAN**

Thrifty Station No. 063  
6125 Telegraph Avenue  
Oakland, California

FIGURE:

1

SHEET:

of

REVISION NO:

0

DATE:

03/07

PROJECT NO.

# ***ATTACHMENT A***



Site Address 6125 Telegraph Dr.  
 City Oakland  
 Sampled By: KJ  
 Signature [Signature]

Site Number Thrifty 063  
 Project Number 2050-063-01  
 Project PM KJ  
 DATE 1/23/12

Well ID <u>MW-7</u>					Well ID				
Purge start time <u>0915</u>		Odor <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N		
<u>Clear</u>	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time <u>0925</u>	<u>15.9</u>	<u>6.71</u>	<u>1325</u>	<u>.75</u>	time				
time <u>0935</u>	<u>15.9</u>	<u>6.78</u>	<u>1347</u>	<u>.75</u>	time				
time <u>0945</u>	<u>16.1</u>	<u>6.69</u>	<u>1340</u>	<u>.75</u>	time				
time					time				
purge stop time <u>0945</u>		ORP <u>---</u>			purge stop time		ORP		
Well ID					Well ID				
Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N			Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N		
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time		ORP			purge stop time		ORP		
Well ID					Well ID				
Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N			Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N		
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time		ORP			purge stop time		ORP		
Well ID					Well ID				
Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N			Purge start time		Odor <input type="checkbox"/> Y <input type="checkbox"/> N		
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time		ORP			purge stop time		ORP		



Site Address 6125 Telegraph Dr.  
 City Oakland  
 Sampled by: KS  
 Signature [Signature]

Site Number Thrifty 063  
 Project Number 2050-063-01  
 Project PM KS  
 DATE 1/23/12

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record		Field Data	
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Disp. Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
MW-7	0900	N/A	13.27	17.43	4.16	2"	0.49	2	2.25		X			10.98	MW-7	1000	-

Multiplier  
 2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures  
 pH/Conductivity/temperature Meter - Oakton Model PC-10  
 DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE  
 pH 1/2/12  
 Conductivity 1/2/12  
 DO -

# ***ATTACHMENT B***



# Associated Laboratories

806 N. Batavia - Orange, CA 92868  
Tel (714)771-6900 Fax (714)538-1209  
www.associatedlabs.com  
Info@associatedlabs.com



Client: Thrifty Oil Company  
Address: 13116 Imperial Hwy.  
P.O. Box 2128  
Santa Fe Springs, CA 90670  
Attn: Simon Tregurtha  
Project: Station #063  
Comments: 6125 Telegraph Ave., Oakland  
Global ID: T0600101366

Lab Request: 298200 ✓  
Report Date: 01/27/2012  
Date Received: 01/24/2012  
Client ID: 8871

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 indicated on the attached report and all NELAC criteria. This cover letter is an integral part of the final report.

<u>Sample #</u>	<u>Client Sample ID</u>
298200-001	TOC#063 MW-7
298200-002	TOC#063 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.  
Lab Director

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date reported.

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TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental



Sample #: 298200-001 Client: Thrifty Oil Company  
 Matrix: Water Client Sample #: TOC#063 MW-7  
 Collect Date: 01/23/12 Site:  
 Collect Time: 10:00 AM Collector: client

**Compound** **Result** **DF** **MDL** **RDL** **Units** **Analysis Date** **Analyst**  
 Method: EPA 8015B Prep Method: EPA 5030B QCBatchID: QC1122706

TPH Gasoline ND 1 6.6 50 ug/L 01/25/12 lyt

**Surrogates for Method EPA 8015B By Prep Method EPA 5030B**

Analytes	Percent Recovery	Control Limits
4-Bromofluorobenzene (SUR)	96	60-140

Method: EPA 8260B Prep Method: EPA 5030B QCBatchID:

Benzene	ND	1	0.18	1	ug/L	01/26/12	akk
Di-isopropyl ether (DIPE)	ND	1	0.2	1	ug/L	01/26/12	akk
Ethylbenzene	ND	1	0.21	5	ug/L	01/26/12	akk
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L	01/26/12	akk
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L	01/26/12	akk
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L	01/26/12	akk
Tert-amylmethylether (TAME)	ND	1	0.19	1	ug/L	01/26/12	akk
Toluene	ND	1	0.24	5	ug/L	01/26/12	akk
Xylenes (Total)	ND	1	0.45	5	ug/L	01/26/12	akk

**Surrogates for Method EPA 8260B By Prep Method EPA 5030B**

Analytes	Percent Recovery	Control Limits
1,2-Dichloroethane-d4 (SUR)	117	70-145
4-Bromofluorobenzene (SUR)	109	70-145
Dibromodifluoromethane (SUR)	95	70-145
Toluene-d8 (SUR)	101	70-145

ND = Not Detected or < MDL MDL = Method Detection Limit RDL = Reporting Detection Limit DF = Dilution Factor



Sample #: 298200-002 Client: Thrifty Oil Company  
 Matrix: Water Client Sample #: TOC#063 Trip Blank  
 Collect Date: 01/23/12 Site:  
 Collect Time: 09:30 AM Collector: client

Compound	Result	DF	MDL	RDL	Units	Analysis Date	Analyst
Method: EPA 8015B	Prep Method: EPA 5030B			QCBatchID: QC1122706			
TPH Gasoline	ND	1	6.6	50	ug/L	01/25/12	lyt

**Surrogates for Method EPA 8015B By Prep Method EPA 5030B**

Analytes	Percent Recovery	Control Limits
4-Bromofluorobenzene (SUR)	92	60-140

Method: EPA 8260B	Prep Method: EPA 5030B			QCBatchID: QC1122736			
Benzene	ND	1	0.18	1	ug/L	01/26/12	akk
Di-isopropyl ether (DIPE)	ND	1	0.2	1	ug/L	01/26/12	akk
Ethylbenzene	ND	1	0.21	5	ug/L	01/26/12	akk
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L	01/26/12	akk
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L	01/26/12	akk
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L	01/26/12	akk
Tert-amylmethylether (TAME)	ND	1	0.19	1	ug/L	01/26/12	akk
Toluene	ND	1	0.24	5	ug/L	01/26/12	akk
Xylenes (Total)	ND	1	0.45	5	ug/L	01/26/12	akk

**Surrogates for Method EPA 8260B By Prep Method EPA 5030B**

Analytes	Percent Recovery	Control Limits
1,2-Dichloroethane-d4 (SUR)	130	70-145
4-Bromofluorobenzene (SUR)	114	70-145
Dibromodifluoromethane (SUR)	91	70-145
Toluene-d8 (SUR)	106	70-145

ND = Not Detected or < MDL MDL = Method Detection Limit RDL = Reporting Detection Limit DF = Dilution Factor



**ASSOCIATED LABORATORIES QC SUMMARY FOR LAB REQUEST 298200**

QCBatchID: QC1122706

Created By: lytagas

Method: EPA 8015B

Matrix: Water

Created Date: 01/25/12

Instrument VOA-GC (group)

**Lab Control Spike/ Lab Control Spike  
Duplicate Summary**

QCLabID: QC1122706LCS1, QC1122706LCSD

Analysis Date: 01/25/12

Analyte	Spike Amount		Spike Result		Units	% Recoveries			Acceptance Criteria	
	LCS	LCSD	LCS	LCSD		%LCS	%LCSD	RPD	%Rec	%RPD
TPH Gasoline	500	500	487	494	ug/L	97	99	1	70-130	0-30

QCLabID: QC1122706MB1

**BLANK SUMMARY**

Analysis Date: 01/25/12

Analyte	Blank Results	Units
All Analytes are ND		

ND = Not Detected or < MDL    MDL = Method Detection Limit    RDL = Reporting Detection Limit    DF = Dilution Factor



**ASSOCIATED LABORATORIES QC SUMMARY FOR LAB REQUEST 298200**

QCBatchID: QC1122736

Created By: ryanp

Method: EPA 8260B

Matrix: Water

Created Date: 01/26/12

Instrument VOA-MS (group)

**Matrix Spike/Matrix Spike Duplicate Summary**

QCLabID		Source Sample #:					Analysis Date:					
QC1122736MS1, QC1122736MSD1		298214-001					01/26/12					
Analyte	Sample Amount	Spike Amount		Spike Result		Units	% Recoveries			Acceptance Criteria		
		MS	MSD	MS	MSD		%MS	%MSD	RPD	%Rec	%RPD	
1,1-Dichloroethene	ND	50	50	47.2	53.2	ug/L	94	106	12.0	59-172	0-22	
Benzene	ND	50	50	46	51	ug/L	92	102	10.3	62-137	0-24	
Chlorobenzene	ND	50	50	45.5	48.9	ug/L	91	98	7.2	60-133	0-24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	38	43	ug/L	76	86	12.3	62-137	0-21	
Toluene	ND	50	50	46	52	ug/L	92	104	12.2	59-139	0-21	
Trichloroethene	ND	50	50	44	50.6	ug/L	88	101	14.0	66-142	0-21	

**Lab Control Spike/ Lab Control Spike Duplicate Summary**

QCLabID:		Analysis Date:									
QC1122736LCS1		01/26/12									
Analyte	Spike Amount		Spike Result		Units	% Recoveries			Acceptance Criteria		
	LCS	LCSD	LCS	LCSD		%LCS	%LCSD	RPD	%Rec	%RPD	
1,1-Dichloroethene	50		52.8		ug/L	106			59-172	-	
Benzene	50		51		ug/L	102			62-137	-	
Chlorobenzene	50		52.5		ug/L	105			60-133	-	
Methyl-t-butyl Ether (MTBE)	50		44		ug/L	88			62-137	-	
Toluene	50		52		ug/L	104			59-139	-	
Trichloroethene	50		49.7		ug/L	99			66-142	-	

QCLabID: QC1122736MB1  
Analysis Date: 01/26/12

**BLANK SUMMARY**

Analyte	Blank Results	Units
All Analytes are ND		

ND = Not Detected or < MDL    MDL = Method Detection Limit    RDL = Reporting Detection Limit    DF = Dilution Factor



**ASSOCIATED LABORATORIES QC SUMMARY FOR LAB REQUEST 298200**

QCBatchID: QC1122786

Created By: akk

Method: EPA 8260B

Matrix: Water

Created Date: 01/27/12

Instrument VOA-MS (group)

**Matrix Spike/Matrix Spike Duplicate  
Summary**

QCLabID		QC1122786MS1, QC1122786MSD1		Source Sample #: 298381-001			Analysis Date: 01/27/12				
Analyte	Sample Amount	Spike Amount		Spike Result		Units	% Recoveries			Acceptance Criteria	
		MS	MSD	MS	MSD		%MS	%MSD	RPD	%Rec	%RPD
1,1-Dichloroethene	ND	50	50	45	41.3	ug/L				59-172	0-22
Benzene	ND	50	50	45	41	ug/L				62-137	0-24
Chlorobenzene	ND	50	50	45	42.5	ug/L				60-133	0-24
Methyl-t-butyl Ether (MTBE)	ND	50	50	45	44	ug/L				62-137	0-21
Toluene	ND	50	50	44	41	ug/L				59-139	0-21
Trichloroethene	ND	50	50	41.6	39	ug/L				66-142	0-21

**Lab Control Spike/ Lab Control Spike  
Duplicate Summary**

QCLabID: QC1122786LCS1		Analysis Date: 01/27/12									
Analyte	Spike Amount		Spike Result		Units	% Recoveries			Acceptance Criteria		
	LCS	LCSD	LCS	LCSD		%LCS	%LCSD	RPD	%Rec	%RPD	
1,1-Dichloroethene	50		45.5		ug/L				59-172	-	
Benzene	50		45		ug/L				62-137	-	
Chlorobenzene	50		45.1		ug/L				60-133	-	
Methyl-t-butyl Ether (MTBE)	50		42		ug/L				62-137	-	
Toluene	50		45		ug/L				59-139	-	
Trichloroethene	50		43.0		ug/L				66-142	-	

QCLabID: QC1122786MB1

**BLANK SUMMARY**

Analysis Date: 01/27/12

Analyte	Blank Results	Units
All Analytes are ND		

ND = Not Detected or < MDL    MDL = Method Detection Limit    RDL = Reporting Detection Limit    DF = Dilution Factor





**ASSOCIATED LABORATORIES**

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

FAX 714-538-1209

**SAMPLE ACCEPTANCE CHECKLIST**

**Section 1**  
 Client: TAC Project: Station 063  
 Date Received: 1/24/12 Sampler's Name: Yes No  
 Sample(s) received in cooler: Yes No (Skip Section 2)  
 Shipping Information: \_\_\_\_\_

**Section 2**  
 Was the cooler packed with:  Ice  Ice Packs  Bubble Wrap  Styrofoam  
 Paper  None  Other \_\_\_\_\_  
 Cooler or box temperature: 10°C  
 (Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	✓		
Is it properly completed? (IDs, sampling date and time, signature, test)	✓		
Were custody seals present?		✓	
If Yes - were they intact?			✓
Were all samples sealed in plastic bags?	✓		
Did all samples arrive intact? If no, indicate below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?	✓		
Was total residual chlorine measured (Fish Bioassay samples only)? *			✓

\*: If the answer is no, please inform Fish Bioassay Dept. immediately.

**Section 4**  
 Explanations/Comments  
 \_\_\_\_\_  
 \_\_\_\_\_

**Section 5**  
 Was Project Manager notified of discrepancies: Y / N N/A

Completed By: J. Powell Date: 1/24/12

**ASSOCIATED LABORATORIES**

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



**Chain of Custody Record**

Lab Job No. 298200  
Page 1 of 1

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY: <u>Thrifty Oil Co.</u>	PROJECT NAME: <u>TOC 063 ✓</u>	SEND REPORT TO: <u>Simon Tregurtha</u>	NUMBER: <u>TOC 063</u>
EMAIL: <u>Tregurtha@thriftyoil.com</u>	ADDRESS: <u>6125 Telegraph Ave.</u>	ADDRESS: <u>13116 Imperial Hwy</u>	ADDRESS: <u>Oakland, CA</u>
ADDRESS: <u>Santa Fe Springs, CA 90670</u>	P.O. #: <u>68755</u>	PHONE: <u>(562) 921-3581 x 260</u>	SAMPLED BY: <u>Kasey Jones (Stratus)</u>

REQUIRED TURN AROUND TIME: Standard: X

72 Hours: \_\_\_\_\_ 48 Hours: \_\_\_\_\_ 24 Hours: \_\_\_\_\_

Sample ID	Date	Time	Matrix	Container Number/Size	Pres.	ANALYSIS REQUEST	Test Instructions & Comments
1 MW-7	1/23/12	1000	W	4-VOAS	2	TPH, BTEX, Oxygenate	Global I.D. = T0600101366
2 Trip Blank	"	0930	"	2-VOAS	"		
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Total No. of Samples: 1 Method of Shipment: Golden State Overnight Preservative: 1=Ice 2=HCl 3=HNO<sub>3</sub> 4=H<sub>2</sub>SO<sub>4</sub> 5=NaOH 6=Other

Relinquished by	Received By:	Relinquished by	Received By:	Relinquished by	Received By:
1. <u>STRATUS</u>	1. <u>Golden State Overnight</u>	2.	2.	3.	3.
Signature: <u>[Signature]</u>	Signature:	Signature:	Signature: <u>[Signature]</u>	Signature:	Signature:
Printed Name: <u>Kasey Jones</u>	Printed Name:	Printed Name:	Printed Name: <u>Daniel Lee</u>	Printed Name:	Printed Name:
Date: <u>1/20/12</u> Time:	Date: Time:	Date: Time:	Date: <u>1/24/12</u> Time: <u>9:12</u>	Date: Time:	Date: Time: