THRIFTY OIL CO.

January 9, 2008

O.83364

Ms. Mirtha Ninayahuar
EBMUD-Mail Slot #702
Source Control Division
P.O. Box 24055
Oakland, CA 92623-1055

RE: **Thrifty Oil Co. Station #063**
6125 Telegraph Avenue, Oakland, California

Subject: **Semi-Annual Groundwater Treatment Report**
(July through December 2007)
Discharge Permit #502-44462

Dear Ms. Ninayahuar:

Presented herein is the *Semi-Annual Groundwater Treatment Report (July through December 2007)* prepared by Equipoise Corporation (Equipoise) dated January 4, 2008 for the Wastewater Discharge Permit #502-44462 issued for the groundwater treatment system at the above-referenced site. This report presents the operational and discharge sampling data for the months of July through December 2007.

Should you have any questions regarding this report, please contact Simon Tregurtha at 562 921-3581, Ext. 260, or myself at Ext. 390.

Certification Statement

I certify under the penalty lf law that this document and all attachments are prepared under my direction in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Chris Panaitescu
General Manager
Environmental Affairs

cc BP West Coast
file

13116 Imperial Hwy, Santa Fe Springs, CA 90670-0138 • Ph: (562)921-3581

EQUIPOISE
CORPORATION

January 4, 2008

Ms. Mirtha Ninayahuar
EBMUD-Mail Slot #702
Source Control Division
P.O. Box 24055
Oakland, CA 92623-1055

RE: **Thrifty Oil Co. Station #063**
6125 Telegraph Avenue, Oakland, CA
Semi-Annual Groundwater Treatment Report
(June 1, 2007 through December 21, 2007)
Discharge Permit #502-44462

Dear Ms. Ninayahuar:

This report presents the information required by the Compliance Reporting Conditions of EBMUD's Wastewater Discharge Permit #502-44462. This report contains data collected during the period of June 1, 2007 through December 21, 2007 and includes the data recorded during the system operations as well as the results of analytical laboratory testing of the groundwater discharge samples collected from the system.

System Operation

Groundwater was extracted from wells MW-3 (beginning on April 8, 1991) and MW-4 (beginning on May 20, 2005) during this reporting period. The extracted water was treated using three canisters of activated carbon adsorbers arranged in series. Treated water was discharged into the sewer under the above referenced discharge permit. The attached **Table 1** shows historical data from the groundwater remediation system. In September 2003, due to a noise complaint by the occupant of the adjacent property, a timer was installed to have the system not operate during the night-time hours of 9 pm to 6 am.

The system was shut down for quarterly groundwater sampling from July 24, 2007 through July 27, 2007 and October 23, 2007 through October 26, 2007, and for repairs from September 7, 2007 through September 14, 2007. The system operated throughout the remainder of the reporting period.

During this reporting period, approximately 86,130 gallons of water were processed by the upgraded groundwater treatment unit. As of December 21, 2007, the total gallons treated and discharged by the system is approximately 2,937,239 gallons.

System Water Sampling

As required by the permit, outlet water samples for the upgraded groundwater treatment system were collected on a quarterly basis. In addition to the required samples, water samples were also collected from the intermediate and inlet sample ports of the treatment system.

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Earth Management Company (EMC) collected grab samples from the inlet, intermediate, and outlet sample ports (outlet samples is labeled Outlet PSP-1) for the current reporting period. The outlet samples were analyzed by Associated Laboratories for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B and total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B.

Results of the outlet water samples collected as part of the compliance sampling event on August 17 and November 20, 2007, indicated that all constituents analyzed were below permit limits. On November 6, 2007, a split sample for the outlet was also collected during EBMUD Inspection and Sampling. Results of the November 6, 2007 sampling indicated that all constituents analyzed were below permit limits. **Table 1** presents the historical data as well as the sample results during this reporting period. Copies of the analytical laboratory reports from this reporting period are contained in **Appendix A**.

Should you have any questions regarding this report, please contact the undersigned at (949) 366-0266.

Kathryn Galang
Staff Scientist
Equipoise Corp.

Richard W. Blackmer, P.E.
Principal Engineer
Equipoise Corp.

REGISTERED PROFESSIONAL ENGINEER
RICHARD W BLACKMER
No. 48823
Exp. 9/30/08
CIVIL
STATE OF CALIFORNIA

TABLES

TABLE 1
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
4/8/1991	1,669	0	-	-	<0.3	<0.3	<0.3	<0.9	-	-	1300	120	<7.5	1300	-
4/15/1991	5,742	4,073	582	-	<0.3	<0.3	<0.3	<0.3	-	-	700	140	<15	500	-
4/22/1991	10,240	8,571	643	-	<0.3	<0.3	<0.3	<0.9	-	-	850	100	34	860	-
4/29/1991	15,510	13,841	753	-	<0.3	<0.3	<0.3	<0.9	-	-	220	8.4	<0.3	42	-
5/6/1991	20,200	18,531	670	-	<0.3	<0.3	<0.3	<0.9	-	-	280	0.8	<0.3	56	-
5/13/1991	24,430	22,761	604	-	<0.3	<0.3	<0.3	<0.9	-	-	190	5.6	<0.3	37	-
5/20/1991	28,480	26,811	579	-	<0.3	<0.3	<0.3	<0.9	-	-	150	0.83	1.4	29	-
5/28/1991	29,310	27,641	104	-	<0.3	<0.3	<0.3	<0.9	-	-	<0.3	<0.3	<0.3	<0.9	-
6/3/1991	33,080	31,411	628	-	<0.3	<0.3	<0.3	<0.9	-	-	58	4	<0.3	33	-
6/10/1991	36,939	35,270	551	-	<0.3	<0.3	<0.3	<0.9	-	-	45	<0.3	<0.3	16	-
6/17/1991	40,673	39,004	533	-	<0.3	<0.3	<0.3	<0.9	-	-	69	4.9	0.9	21	-
6/24/1991	44,453	42,784	540	-	<0.3	<0.3	<0.3	<0.9	-	-	5.4	2	<0.3	6.6	-
7/1/1991	48,173	46,504	531	-	<0.5	<0.5	<1	<1	-	-	14	15	<1	9.1	-
7/8/1991	51,681	50,012	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	6.9	-
7/15/1991	55,186	53,517	501	-	<0.5	<0.5	<1	<1	-	-	<0.5	0.6	<1	6.3	-
7/22/1991	62,150	60,481	995	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	2.6	-
7/29/1991	62,150	60,481	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-
8/5/1991	63,241	61,572	156	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-
8/12/1991	66,091	64,422	407	-	<0.5	<0.5	<1	<1	-	-	2.6	<0.5	<1	12	-
8/19/1991	67,649	65,980	223	-	<0.5	<0.5	<1	<1	-	-	20	3.3	2.8	70	-
8/26/1991	70,514	68,845	409	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	1.2	19	-
9/9/1991	70,564	68,895	4	-	<0.5	<0.5	<1	<1	-	-	270	10	13	69	-
9/16/1991	73,526	71,857	423	System shut down due to damaged compressor pump					-						-
10/7/1991	73,526	71,857	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-
10/14/1991	74,516	72,847	141	-	<0.5	<0.5	<1	<1	-	-	60	1.1	<1	23	-
10/21/1991	76,091	74,422	225	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	<1	-
10/28/1991	83,242	81,573	1,022	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	14	-
11/3/1991	83,242	81,573	-	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.1	-
11/11/1991	84,351	82,682	139	-	<0.5	<0.5	<1	<1	-	-	99	1.9	<1	14	-
11/18/1991	85,647	83,978	185	-	<0.5	<0.5	<1	<1	-	-	42	1	1	10	-
11/25/1991	89,512	87,843	552	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.9	-
12/3/1991	93,407	91,738	487	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.8	-
12/9/1991	96,210	94,541	467	-	<0.5	<0.5	<1	<1	-	-	<0.5	<0.5	<1	3.2	-
12/16/1991	99,045	97,376	405	-	<0.5	<0.5	<0.5	<0.5	-	-	1.3	<0.5	<0.5	1.5	-
12/23/1991	102,334	100,665	470	-	<0.5	<0.5	<0.5	<0.5	-	-	1.7	<0.5	<0.5	2.4	-
12/30/1991	105,124	103,455	399	-	<0.5	<0.5	<0.5	<0.5	-	-	22.6	1.2	0.7	4.9	-
1/15/1992	115,691	114,022	660	-	<0.5	<0.5	<0.5	<0.5	-	-	130	11	<0.5	50	-
2/10/1992	124,846	123,177	352	-	<0.5	<0.5	<0.5	<0.5	-	-	20	0.51	<0.5	3.6	-
3/9/1992	149,965	148,296	897	<200	<0.5	<0.5	<0.5	<0.5	-	12,000	2,100	400	170	2,100	-
4/13/1992	168,567	166,898	531	<200	<0.5	<0.5	<0.5	<0.5	-	2,100	280	3.9	<2.5	98	-
5/11/1992	187,170	185,501	664	<200	<0.5	0.7	<0.5	<0.5	-	<200	<0.5	<0.5	<0.5	<0.5	-
6/8/1992	190,490	188,821	119	-	<0.5	<0.5	<0.5	<0.5	-	-	44	3.7	0.7	64	-
7/6/1992	197,080	195,411	235	-	-	-	-	-	-	-					-
7/13/1992	197,890	196,221	116	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
7/13/1992	197,890	196,221	-	Sytem shut down for repair of electrical motor											
8/10/1992	197,890	196,221	-	Restart the system											
8/17/1992	201,300	199,631	487	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
9/14/1992	209,647	207,978	298	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<1	-

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				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
10/5/1992	217,360	215,691	367	<200	<0.5	<0.5	<0.5	<1	-	<200	<0.5	<0.5	<0.5	<1	-
11/09/92	225,780	224,111	241	-	<0.5	<0.5	<0.5	<1	-	-	1.1	0.5	<0.5	10	-
12/14/92	243,048	241,379	493	-	<0.5	<0.5	<0.5	<1	-	-	720	46	<10	1,700	-
01/04/93	252,510	250,841	451	-	<0.5	<0.5	<0.5	<1	-	-	400	32	<25	520	-
02/15/93	266,210	264,541	326	<200	<0.5	<0.5	<0.5	<1	-	9,000	1,400	330	260	1,200	-
03/08/93	269,330	267,661	149	-	<0.5	<0.5	<0.5	<1	-	-	1,100	150	7.5	1,000	-
04/26/93	271,290	269,621	40	<100	<0.5	<0.5	<0.5	<1	-	7,200	1,100	100	25	780	-
04/26/93	271,290	269,621	-	System shut down fo repair											
07/15/93	272,577	270,908	16	Restart the system											
08/11/93	284,230	282,561	432	-	<0.5	<0.5	<0.5	<1	-	-	1.3	<0.5	<0.5	1.6	-
09/16/93	298,832	297,163	406	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-
10/08/93	305,641	303,972	310	-	-	-	-	-	-	-	-	-	-	-	-
10/11/93	307,068	305,399	476	<60	<0.3	<0.3	<0.3	<0.6	-	<60	<0.3	<0.3	<0.3	<0.6	-
10/15/93	308,495	306,826	357	-	-	-	-	-	-	-	-	-	-	-	-
11/12/93	318,203	316,534	347	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
12/10/93	329,947	328,278	419	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
01/13/94	345,860	344,191	468	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	<0.5	-
02/10/94	359,662	357,993	493	-	<0.3	<0.3	<0.3	<0.5	-	-	430	41	36	480	-
02/18/94	618,620	357,993	-	Changed air filters. The water flowmeter jumped from 359,662 to 618,620.											
03/10/94	627,540	366,913	446	-	<0.3	<0.3	<0.3	<0.5	-	-	<0.3	<0.3	<0.3	7.7	-
04/14/94	645,330	384,703	508	<50	<0.3	<0.3	<0.3	<0.5	-	170	1.5	<0.3	0.38	0.73	-
05/19/94	653,520	392,893	234	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	46	4.1	0.5	84	-
06/16/94	664,015	403,388	375	<50	<0.3	<0.3	<0.3	<0.5	-	12,000	860	37	<13	1,600	-
07/14/94	672,750	412,123	312	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
08/11/94	681,920	421,293	328	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
09/15/94	692,083	431,456	290	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
10/17/94	699,979	439,352	247	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
11/14/94	712,539	451,912	449	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
12/19/94	734,620	473,993	631	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
01/10/95	742,072	481,445	339	-	-	-	-	-	-	-					
01/16/95	742,074	481,447	0	Sytem shut down for repair of compressor pump											
02/06/95	742,074	481,447	-	Restart the system											
02/13/95	744,063	483,436	284	<50	<0.3	<0.3	<0.5	<0.5	-	<50	<0.3	<0.3	<0.5	<0.5	-
03/13/95	758,930	498,303	531	<100	<0.5	<0.5	<0.5	<1	-	1,300	<0.5	<0.5	<0.5	<1	-
04/17/95	768,276	507,649	267	<100	<0.5	<0.5	<0.5	<1	-	6,200	410	73	97	280	-
05/15/95	780,716	520,089	444	<100	<0.5	<0.5	<0.5	<1	-	1,300	0.6	<0.5	<0.5	<1	-
06/12/95	784,514	523,887	136	<100	<0.5	<0.5	<0.5	<1	-	<100	<0.5	<0.5	<0.5	<1	-
07/18/95	794,158	533,531	268	<100	<0.5	<0.5	<0.5	<1	-	1,100	<0.5	<0.5	<0.5	<1	-
08/14/95	795,216	534,589	39	<100	<0.5	<0.5	<0.5	<1	-	170	<0.5	<0.5	<0.5	<1	-
09/06/95	797,631	537,004	105	<100	<0.5	<0.5	<0.5	<1	-	1,320	<0.5	<0.5	<0.5	<1	-
10/17/95	800,316	539,689	65	<100	<0.5	<0.5	<0.5	<1	-	2,400	26	2.7	3.9	46	-
11/20/95	806,264	545,637	175	150	<0.3	<0.3	<0.3	<0.5	-	450	0.31	<0.3	<0.3	<0.5	-
12/11/95	809,236	548,609	142	300	<0.3	<0.3	<0.3	0.59	-	470	<0.3	<0.3	<0.3	<0.5	-
01/15/96	822,734	562,107	386	510	<0.3	<0.3	<0.3	<0.5	-	900	0.39	<0.3	<0.3	<0.5	-
02/19/96	848,213	587,586	728	800	<0.3	0.57	<0.3	0.83	-	1700	23	3.7	<0.3	80	-
03/19/96	849,587	588,960	47	930	<0.3	<0.3	<0.3	<0.5	-	1,600	5.5	1.4	<0.3	94	-
04/15/96	852,042	591,415	91	990	<0.3	<0.3	<0.3	<0.5	-	1,100	0.43	<0.3	<0.3	<0.5	-
05/13/96	890,214	629,587	1,363	840	<0.3	<0.3	<0.3	<0.5	-	910	<0.3	<0.3	<0.3	<0.5	-

TABLE 1
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
05/13/96	890,214	629,587	-	System shut down for carbon change											
06/14/96	890,214	629,587	-	Restart the system											
06/18/96	890,818	630,191	151	<50	<0.3	<0.3	<0.3	<0.5	-	1,000	92	8.7	3.4	55	-
07/01/96	892,781	632,154	151	-	-	-	-	-	-	-					
07/08/96	894,210	633,583	204	System shut down due to burglary and damaged air compressor											
08/05/96	894,210	633,583	-	Restart the system											
08/13/96	896,220	635,593	251	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	160	110	220	650	-
09/23/96	899,410	638,783	78	<50	<0.3	<0.3	<0.3	<0.5	-	<50	0.49	<0.3	<0.3	<0.5	-
10/09/96	899,845	639,218	27	<50	<0.3	<0.3	<0.3	<0.5	-	730	1.7	0.42	2.1	2.5	-
11/11/96	901,348	640,721	46	<50	<0.3	<0.3	<0.3	<0.5	-	81	<0.3	<0.3	<0.3	<0.5	-
12/09/96	901,576	640,949	8	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
01/13/97	904,630	644,003	87	<50	<0.3	<0.3	<0.3	<0.5	-	13,000	590	250	180	850	-
02/10/97	912,610	651,983	285	82	<0.3	0.38	<0.3	<0.5	-	700	0.92	0.75	<0.3	4.1	-
03/10/97	921,020	660,393	300	<50	<0.3	<0.3	<0.3	<0.5	-	600	<0.3	<0.3	<0.3	<0.5	-
04/14/97	932,410	671,783	325	<50	<0.3	<0.3	<0.3	<0.5	-	4,400	<0.3	<0.3	<0.3	<0.5	-
05/12/97	941,028	680,401	308	<50	<0.3	<0.3	<0.3	<0.5	-	5,600	7.3	0.32	<0.3	17	-
06/23/97	943,183	682,556	51	-	-	-	-	-	-	-	-	-	-	-	-
07/07/97	945,821	685,194	188	<50	<0.3	<0.3	<0.3	<0.5	-	1,500	3.4	<0.3	<0.3	26	-
08/04/97	951,020	690,393	186	-	-	-	-	-	-	-	-	-	-	-	-
09/02/97	957,933	697,306	238	System shut down due to stolen air compressor							-	-	-	-	-
10/06/97	961,030	700,403	91	-	-	-	-	-	-	-	-	-	-	-	-
10/16/97	961,077	700,450	5	<50	<0.3	<0.3	<0.3	<0.5	-	550	<0.3	<0.3	<0.3	<0.5	-
11/17/97	970,920	710,293	308	-	-	-	-	-	-	-	-	-	-	-	-
12/23/97	986,016	725,389	419	-	-	-	-	-	-	-	-	-	-	-	-
01/05/98	991,520	730,893	423	-	-	-	-	-	-	-	-	-	-	-	-
01/07/98	992,365	731,738	423	<50	<0.3	<0.3	<0.3	<0.5	-	65,000	690	8,400	3,100	20,000	-
02/02/98	996,874	736,247	173	-	-	-	-	-	-	-	-	-	-	-	-
02/09/98		736,247	-	System shut down due to the UST replacement and station remodeling											
02/17/98		736,247	-	<50	<0.3	<0.3	<0.3	<0.5	-	35,000	150	<15	<15	8,900	-
04/13/98	53,000	736,247	-	Replaced carbons and restarted system with new meter (53,000)											
4/13 - 6/1/98	-	736,247	-	System was undergoing several maintenance / piping / hose replacement											
06/01/98	53,780	737,027	16	-	-	-	-	-	-	-	-	-	-	-	-
07/14/98	56,905	740,152	73	<50	<0.3	<0.3	<0.3	<0.5	-	3,500	14	0.56	<0.3	26	-
08/13/98	59,426	742,673	84	-	-	-	-	-	-	-	-	-	-	-	-
09/11/98	62,356	745,603	101	-	-	-	-	-	-	-	-	-	-	-	-
10/15/98	62,714	745,961	11	<50	<0.3	<0.3	<0.3	<0.5	-	2,200	21	4	<0.3	100	-
11/06/98	62,952	746,199	11	-	-	-	-	-	-	-	-	-	-	-	-
11/20/98	-	746,199	-	System shut down for flowmeter replacement											
12/01/98	0.0	746,199	-	Restart the system with flowmeter at 000											
12/31/98	5,340.0	751,539	178	-	-	-	-	-	-	-	-	-	-	-	-
01/11/99	15,020.0	761,219	880	System shut down					-	-	-	-	-	-	-
1/11 - 2/1/99	-	761,219	-	System was undergoing maintenance for the compressor											
01/20/99	-	761,219	-	<50	<0.3	<0.3	<0.3	<0.5	-	110	0.43	0.42	<0.3	<0.5	260
02/01/99	15,600.0	761,799	28	Restart system					-						
02/12/99	22,840.0	769,039	658	-	-	-	-	-	-	-	-	-	-	-	-
02/22/99	22,840.0	769,039	-	System shut down for carbon canister replacement											
03/26/99	22,840.0	769,039	-	Restart the system											
03/31/99	24,620.0	770,819	356	-	-	-	-	-	-	-	-	-	-	-	-

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GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
04/16/99	29,605.0	775,804	312	<50	<0.3	<0.3	<0.3	<0.5	<5	<50	<0.3	<0.3	<0.3	<0.5	<5
05/11/99	36,010.0	782,209	256	-	-	-	-	-	-	-	-	-	-	-	-
05/25/99	46,000.0	792,199	714	System shut down due to carbon canister leaking											
09/02/99	46,000.0	792,199	-	Restart system					-						
09/17/99	46,217.0	792,416	14	-	-	-	-	-	-	-	-	-	-	-	-
10/07/99	46,809.0	793,008	30	<50	<0.3	<0.3	<0.3	<0.5	11	65	<0.3	<0.3	<0.3	<0.5	120
10/21/99	47,278.0	793,477	34	System shut down for carbon change											
11/24/99	47,283.0	793,482	0	Restart system											
12/30/99	49,386.0	795,585	58	-	-	-	-	-	-	-	-	-	-	-	-
01/26/00	50,569.0	796,768	44	<50	<0.3	<0.3	<0.3	<0.5	-	<50	<0.3	<0.3	<0.3	<0.5	-
02/25/00	51,983.0	798,182	47	-	-	-	-	-	-	-	-	-	-	-	-
03/24/00	54,603.0	800,802	94	-	-	-	-	-	-	-	-	-	-	-	-
04/19/00	56,754.0	802,953	83	<5	<0.25	<0.25	<0.25	<0.5	-	<50	1.3	<0.25	<0.25	<0.5	<5
04/30/00	58,022.0	804,221	115	-	-	-	-	-	-	-	-	-	-	-	-
05/26/00	60,086.0	806,285	79	-	-	-	-	-	-	923	<0.6	2	85	80	*8,350/4,810
06/16/00	61,889.0	808,088	86	<50	<0.3	<0.3	<0.3	<0.6	<5	3,820	<0.3	<0.3	<0.3	<0.6	3,740
07/26/00	65,987.0	812,186	102	<50	<0.3	<0.3	<0.3	<0.6	<5	<50	<0.3	<0.3	<0.3	<0.6	<5
08/25/00	68,630.0	814,829	88	-	-	-	-	-	-	-	-	-	-	-	-
09/29/00	85,661.0	831,860	487	-	-	-	-	-	-	-	-	-	-	-	-
10/13/00	96,212.0	842,411	754	-	-	-	-	-	-	-	-	-	-	-	-
10/20/00	99,700.0	845,899	498	Shut down system for QWS and replaced flowmeter starting at 000 (old meter estimated at 99,700). Sytem restarted on 10/25/00 after QWS											
10/25/00	0.0	845,899	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	17,100	111	121	141	972	998
10/27/00	2,160	848,059	1,080	-	-	-	-	-	-	-	-	-	-	-	-
11/03/00	7,420	853,319	751	-	-	-	-	-	-	-	-	-	-	-	-
11/24/00	16,560	862,459	435	-	-	-	-	-	-	-	-	-	-	-	-
12/22/00	51,530	897,429	1,249	-	-	-	-	-	-	-	-	-	-	-	-
01/10/01	54,520	900,419	157	<50	<0.18	<0.14	<0.18	<0.26	<0.24	10,000	384	223	<0.18	1,330	11,600
02/19/01	99,640	945,539	1,128	-	-	-	-	-	-	-	-	-	-	-	-
03/19/01	144,170	990,069	1,590	-	-	-	-	-	-	-	-	-	-	-	-
04/09/01	167,050	1,012,949	1,090	378	<0.18	<0.14	<0.18	<0.26	475	4,040	191	4	42	38	4,990
04/13/01	169,210	1,015,109	540	Shut down system for replacement of carbon drums											
04/18/01	169,210	1,015,109	-	Restart system											
04/23/01	177,140	1,023,039	1,586	93	<0.18	<0.14	<0.18	<0.26	132	1,400	<0.18	<0.14	<0.18	<0.26	3,240
05/02/01	186,800	1,032,699	1,073	Shut down system for carbon change											
05/18/01	186,900	1,032,799	6	Restart system											
05/30/01	200,850	1,046,749	1,163	<50	<0.18	<0.14	<0.18	<0.26	<0.24	3,100	15	<0.14	1	2	*8,510 / 5,780
06/25/01	266,720	1,112,619	2,533	-	-	-	-	-	-	-	-	-	-	-	-
07/09/01	278,760	1,124,659	860	<50	<0.18	<0.14	<0.18	<0.26	<0.24	748	15	<0.14	2	2.7	1,440
08/13/01	399,700	1,245,599	3,455	-	-	-	-	-	-	-	-	-	-	-	-
09/24/01	451,240	1,297,139	1,227	-	-	-	-	-	-	-	-	-	-	-	-
10/01/01	488,310	1,334,209	5,296	<50	<0.18	<0.14	<0.18	<0.26	<0.24	956	1.2	<0.14	<0.18	<0.26	878
11/12/01	636,260	1,482,159	3,523	-	-	-	-	-	-	-	-	-	-	-	-
12/31/01	674,080	1,519,979	772	-	-	-	-	-	-	-	-	-	-	-	-
01/14/02	688,450	1,534,349	1,026	<50	<0.18	<0.14	<0.18	<0.26	<0.24	232	1	1	<0.18	<0.26	363
02/18/02	738,420	1,584,319	1,428	-	-	-	-	-	-	-	-	-	-	-	-
03/25/02	814,570	1,660,469	2,176	-	-	-	-	-	-	-	-	-	-	-	-
04/08/02	828,510	1,674,409	996	<50	<0.18	<0.14	<0.18	<0.26	<0.24	105	<0.18	<0.14	<0.18	<0.26	157
04/22/02	895,910	1,741,809	4,814	-	-	-	-	-	-	-	-	-	-	-	-

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Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
05/06/02	895,920	1,741,819	1	System off; Restart						-	-	-	-	-	-
05/13/02	929,130	1,775,029	4,744	-	-	-	-	-	-	-	-	-	-	-	-
06/03/02	-	1,839,639	-	-	<0.5	< 0.7	< 0.8	< 3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
06/03/02	993,740	1,839,639	3,077	<50	<0.18	<0.14	<0.18	<0.26	<0.24	Split-sample results (sample collected by us)					
06/24/02	1,001,590	1,847,489	374	-	-	-	-	-	-	-	-	-	-	-	-
07/08/02	-	1,847,489	-	<50	<0.18	<0.14	<0.18	<0.26	<0.24	4,710	1	1.2	<0.18	2	6,980
07/12/02	1,051,430	1,897,329	2,769	-	-	-	-	-	-	-	-	-	-	-	-
07/29/02	1,052,820	1,898,719	82	System shut down for carbon change						-	-	-	-	-	-
08/16/02	1,052,820	1,898,719	-	Restart						-	-	-	-	-	-
08/30/02	1,069,050	1,914,949	1,159	-	-	-	-	-	-	-	-	-	-	-	-
09/20/02	-	1,952,309	-	-	<0.5	<0.7	<0.8	<3.3	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
09/20/02	1,106,410	1,952,309	1,779	<50	<0.1	<0.15	<0.06	-	-	Split-sample results (sample collected by us, analysis by EPA 624 & 8015M)					
09/30/02	1,110,180	1,956,079	377	-	-	-	-	-	-	-	-	-	-	-	-
10/07/02	1,114,720	1,960,619	649	<50	<0.18	<0.14	<0.18	<0.26	<0.24	128	<0.18	<0.14	<0.18	<0.26	95
10/28/02	1,127,540	1,973,439	610	-	-	-	-	-	-	-	-	-	-	-	-
11/25/02	1,149,730	1,995,629	793	-	-	-	-	-	-	-	-	-	-	-	-
12/20/02	1,166,840	2,012,739	684	-	-	-	-	-	-	-	-	-	-	-	-
12/30/02	1,173,420	2,019,319	658	-	-	-	-	-	-	-	-	-	-	-	-
01/06/03	1,182,610	2,028,509	1,313	<50	<0.14	1.2	<0.08	2.4	<2.0	9,860	<1.4	29	14	2,420	205
01/13/03	1,189,320	2,035,219	959	Shut down for QWS											
01/15/03	1,189,320	2,035,219	-	Restart											
02/24/03	1,223,450	2,069,349	853	-	-	-	-	-	-	-	-	-	-	-	-
03/10/03	1,238,640	2,084,539	1,085	-	-	-	-	-	-	-	-	-	-	-	-
03/17/03	1,257,710	2,103,609	2,724	System off	-	-	-	-	-	-	-	-	-	-	-
03/28/03	1,257,710	2,103,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
03/31/03	1,266,150	2,112,049	2,813	-	-	-	-	-	-	-	-	-	-	-	-
04/02/03	1,272,100	2,117,999	2,975	-	-	-	-	-	-	-	-	-	-	-	-
04/07/03	1,286,160	2,132,059	2,812	<15	<0.04	2.2	<0.02	<0.06	<0.03	14,000	20	20	2.2	14	9,090
04/14/03	1,294,060	2,139,959	1,129	System shut down for QWS											
04/16/03	1,294,080	2,139,979	10	Restart	-	-	-	-	-	-	-	-	-	-	-
04/21/03	1,299,660	2,145,559	1,116	-	-	-	-	-	-	-	-	-	-	-	-
04/28/03	1,302,140	2,148,039	354	-	-	-	-	-	-	-	-	-	-	-	-
05/05/03	1,302,710	2,148,609	81	System shut down for carbon change						-	-	-	-	-	-
05/07/03	1,302,710	2,148,609	-	Restart	-	-	-	-	-	-	-	-	-	-	-
05/12/03	1,303,230	2,149,129	104	-	-	-	-	-	-	-	-	-	-	-	-
05/19/03	1,318,460	2,164,359	2,176	-	-	-	-	-	-	-	-	-	-	-	-
05/30/03	1,321,830	2,167,729	306	-	-	-	-	-	-	-	-	-	-	-	-
06/02/03	1,327,490	2,173,389	1,887	-	-	-	-	-	-	-	-	-	-	-	-
06/09/03	1,336,370	2,182,269	1,269	-	-	-	-	-	-	-	-	-	-	-	-
06/16/03	1,347,480	2,193,379	1,587	-	-	-	-	-	-	-	-	-	-	-	-
06/23/03	1,359,690	2,205,589	1,744	-	-	-	-	-	-	-	-	-	-	-	-
07/01/03	1,366,090	2,211,989	800	-	-	-	-	-	-	-	-	-	-	-	-
07/07/03	1,369,730	2,215,629	607	System shut down for QWS											
07/15/03	1,369,730	2,215,629	-	Restart	-	-	-	-	-	-	-	-	-	-	-
07/21/03	1,382,630	2,228,529	2,150	<15	<0.04	1.0	<0.02	<0.06	<0.03	7,710	<0.04	<0.02	<0.02	<0.06	3,550
07/28/03	1,389,840	2,235,739	1,030	-	-	-	-	-	-	-	-	-	-	-	-
08/04/03	1,408,710	2,254,609	2,696	-	-	-	-	-	-	-	-	-	-	-	-
08/15/03	1,411,520	2,257,419	255	System shut down for carbon change											

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Date	Totalizer (gallons)	Total/Cum Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
08/29/03	1,411,560	2,257,459	3	Restart	-	-	-	-	-	-	-	-	-	-	-
09/03/03	1,419,210	2,265,109	1,530	-	-	-	-	-	-	-	-	-	-	-	-
09/12/03	1,423,520	2,269,419	479	-	-	-	-	-	-	-	-	-	-	-	-
09/15/03	1,427,810	2,273,709	1,430	-	-	-	-	-	-	-	-	-	-	-	-
09/22/03	1,429,700	2,275,599	270	System shut down for installation of new 24-hour timer											
09/26/03	1,429,700	2,275,599	-	Restart											
09/29/03	1,430,560	2,276,459	287												
10/06/03	1,431,140	2,277,039	83	System shut down for QWS											
10/08/03	1,431,140	2,277,039	-	Restart	-	-	-	-	-	-	-	-	-	-	-
10/10/03	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	-	-	-	-	-	-
10/10/03	1,432,290	2,278,189	575	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/17/03	1,433,790	2,279,689	214	-	-	-	-	-	-	16,200	<0.04	4.4	4.8	46	8,700
10/22/03	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	-	-	-	-	-	-
10/22/03	1,434,590	2,280,489	160	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
10/27/03	1,435,610	2,281,509	204	-	-	-	-	-	-	Split-sample results (sample collected by us)					
11/03/03	1,438,740	2,284,639	447	-	-	-	-	-	-	-	-	-	-	-	-
11/14/03	1,443,620	2,289,519	444	-	-	-	-	-	-	-	-	-	-	-	-
11/21/03	1,447,510	2,293,409	556	-	-	-	-	-	-	-	-	-	-	-	-
12/05/03	1,452,410	2,298,309	350	-	-	-	-	-	-	-	-	-	-	-	-
12/09/03	1,458,320	2,304,219	1,478	-	-	-	-	-	-	-	-	-	-	-	-
12/17/03	1,462,410	2,308,309	511	-	-	-	-	-	-	-	-	-	-	-	-
12/26/03	1,468,630	2,314,529	691	-	-	-	-	-	-	-	-	-	-	-	-
12/31/03	1,469,710	2,315,609	216	-	-	-	-	-	-	-	-	-	-	-	-
01/06/04	1,472,000	2,317,899	382	<15	<0.04	<0.02	<0.02	<0.06	<0.03	-	-	-	-	-	-
01/14/04	1,474,650	2,320,549	331	System shut down for QWS; Restarted 1/15/04						7,900	658	1,560	62	1,090	2,170
01/28/04	-	-	-	-	< 0.50	< 0.70	< 0.80	< 3.30	-	-	-	-	-	-	-
01/28/04	1,485,790	2,331,689	857	<15	<0.04	<0.02	<0.02	<0.06	<0.03	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					
02/04/04	1,492,340	2,338,239	936	-	-	-	-	-	-	Split-sample results (sample collected by us)					
02/10/04	1,494,550	2,340,449	368	-	-	-	-	-	-	-	-	-	-	-	-
02/20/04	1,498,790	2,344,689	424	-	-	-	-	-	-	-	-	-	-	-	-
02/25/04	1,499,360	2,345,259	114	-	-	-	-	-	-	-	-	-	-	-	-
03/03/04	1,514,700	2,360,599	2,191	-	-	-	-	-	-	-	-	-	-	-	-
03/09/04	1,517,300	2,363,199	433	-	-	-	-	-	-	-	-	-	-	-	-
03/17/04	1,519,100	2,364,999	225	-	-	-	-	-	-	-	-	-	-	-	-
03/24/04	1,524,600	2,370,499	786	-	-	-	-	-	-	-	-	-	-	-	-
04/01/04	1,529,300	2,375,199	588	-	-	-	-	-	-	-	-	-	-	-	-
04/07/04	1,531,200	2,377,099	317	<15	<0.22	<0.32	<0.31	<0.4	<0.18	-	-	-	-	-	-
04/14/04	1,533,000	2,378,899	257	System shut down for QWS on 4/7; Restarted 4/14						1,380	113	93	16	76	191
04/22/04	1,576,400	2,422,299	5,425	-	-	-	-	-	-	-	-	-	-	-	-
04/28/04	1,623,500	2,469,399	7,850	-	-	-	-	-	-	-	-	-	-	-	-
05/06/04	1,668,920	2,514,819	5,678	-	-	-	-	-	-	-	-	-	-	-	-
05/13/04	1,691,100	2,536,999	3,169	-	-	-	-	-	-	-	-	-	-	-	-
05/20/04	1,726,500	2,572,399	5,057	-	-	-	-	-	-	-	-	-	-	-	-
05/28/04	1,748,910	2,594,809	2,801	-	-	-	-	-	-	-	-	-	-	-	-
06/04/04	1,749,320	2,595,219	59	Found system off; for replacement of on and off switch						-	-	-	-	-	-
06/11/04	1,749,320	2,595,219	-	Restarted						-	-	-	-	-	-
06/16/04	1,751,910	2,597,809	518	-	-	-	-	-	-	-	-	-	-	-	-
06/22/04	1,753,550	2,599,449	273	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
07/02/04	1,756,530	2,602,429	298	-	-	-	-	-	-	-	-	-	-	-	-
07/08/04	1,759,110	2,605,009	430	<15	<0.22	<0.32	<0.31	<0.4	<0.18	652	31	<0.32	<0.31	2.1J	383
07/15/04	1,759,260	2,605,159	21	-	-	-	-	-	-	-	-	-	-	-	-
07/22/04	1,760,630	2,606,529	196	-	-	-	-	-	-	-	-	-	-	-	-
07/28/04	1,762,810	2,608,709	363	Shut down system for carbon change						-	-	-	-	-	-
08/05/04	1,762,810	2,608,709	-	Restarted						-	-	-	-	-	-
08/12/04	1,765,370	2,611,269	366	-	-	-	-	-	-	-	-	-	-	-	-
08/20/04	1,767,950	2,613,849	323	-	-	-	-	-	-	-	-	-	-	-	-
08/27/04	1,771,100	2,616,999	450	-	-	-	-	-	-	-	-	-	-	-	-
09/03/04	1,773,750	2,619,649	379	-	-	-	-	-	-	-	-	-	-	-	-
09/07/04	1,777,590	2,623,489	960	-	-	-	-	-	-	-	-	-	-	-	-
09/10/04	1,778,460	2,624,359	290	Shut down system due to operator vacation						-	-	-	-	-	-
09/29/04	1,778,460	2,624,359	-	Restarted						-	-	-	-	-	-
10/06/04	1,779,260	2,625,159	114	<15	<0.22	<0.32	<0.31	<0.4	<0.18	<15	<0.22	<0.32	<0.31	<0.4	20
10/12/04	1,782,540	2,628,439	547	Shut down system for QWS											
10/21/04	1,782,680	2,628,579	16	Restarted											
10/27/04	1,784,630	2,630,529	325	-	-	-	-	-	-	-	-	-	-	-	-
11/03/04	1,784,680	2,630,579	7	-	-	-	-	-	-	-	-	-	-	-	-
11/11/04	1,787,490	2,633,389	351	-	-	-	-	-	-	-	-	-	-	-	-
11/19/04	1,789,350	2,635,249	233	-	-	-	-	-	-	-	-	-	-	-	-
12/01/04	1,789,800	2,635,699	38	-	-	-	-	-	-	-	-	-	-	-	-
12/10/04	1,792,780	2,638,679	331	-	-	-	-	-	-	-	-	-	-	-	-
12/15/04	1,795,460	2,641,359	536	-	-	-	-	-	-	-	-	-	-	-	-
12/22/04	1,798,000	2,643,899	363	-	-	-	-	-	-	-	-	-	-	-	-
12/29/04	1,800,580	2,646,479	369	-	-	-	-	-	-	-	-	-	-	-	-
01/05/05	1,803,140	2,649,039	366	<15	<0.22	<0.32	<0.31	<0.4	<0.18	291	9.1	<0.32	1.2 J	<0.4	72
01/13/05	1,803,290	2,649,189	19	System turned off for QWS on 1/5/05; Restarted on 1/13/05						-	-	-	-	-	-
01/20/05	1,804,020	2,649,919	104	Shut down system for repair and upgrade						-	-	-	-	-	-
04/30/05	1,804,020	2,649,919	-	System still off pending repairs and upgrade						-	-	-	-	-	-
05/10/05	1,804,020	2,649,919	-	Restarted system with MW-3 only						-	-	-	-	-	-
05/20/05	1,805,010	2,650,909	99	Added MW-4 to the system						-	-	-	-	-	-
05/26/05	1,807,630	2,653,529	437	-	-	-	-	-	-	-	-	-	-	-	-
06/03/05	1,812,100	2,657,999	559	-	-	-	-	-	-	-	-	-	-	-	-
06/10/05	1,816,540	2,662,439	634	-	-	-	-	-	-	-	-	-	-	-	-
06/17/05	1,819,870	2,665,769	476	Compressor needs repair		-	-	-	-	-	-	-	-	-	-
06/24/05	1,823,140	2,669,039	467	Replace with new pump MW-3		-	-	-	-	-	-	-	-	-	-
06/29/05	1,827,540	2,673,439	880	-	-	-	-	-	-	-	-	-	-	-	-
07/08/05	1,829,830	2,675,729	254	-	-	-	-	-	-	-	-	-	-	-	-
07/14/05	1,829,970	2,675,869	23	<2.9	<0.17	<0.22	<0.14	<0.38	-	4,270	130	3.6 J	348	188	2,790
07/22/05	1,832,760	2,678,659	349	-	-	-	-	-	-	-	-	-	-	-	-
07/26/05	1,833,920	2,679,819	290	Shut down system for QWS		-	-	-	-	-	-	-	-	-	-
08/05/05	1,833,970	2,679,869	5	Restart sytem after QWS		-	-	-	-	-	-	-	-	-	-
08/09/05	1,836,930	2,682,829	740	-	-	-	-	-	-	-	-	-	-	-	-
08/19/05	1,837,560	2,683,459	63	-	<0.10	<0.15	<0.06	<0.40	-	Split-sample results during EBMUD inspection & sampling					-
08/25/05	1,837,920	2,683,819	60	Shut down system for carbon change			-	-	-	-	-	-	-	-	-
09/01/05	1,837,980	2,683,879	9	Restarted	-	-	-	-	-	-	-	-	-	-	-
09/09/05	1,838,530	2,684,429	69	-	-	-	-	-	-	-	-	-	-	-	-
09/16/05	1,841,230	2,687,129	386	-	-	-	-	-	-	-	-	-	-	-	-

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GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
09/23/05	1,843,410	2,689,309	311	-	-	-	-	-	-	-	-	-	-	-	-
09/30/05	1,844,820	2,690,719	201	-	-	-	-	-	-	-	-	-	-	-	-
10/06/05	1,845,250	2,691,149	72	<2.9	<0.10	<0.15	<0.06	<0.40	-	2,410	<3.2	<1.0	28 J	<3.0	1,990
10/11/05	1,846,030	2,691,929	156	System turned off for QWS on 10/11/05; Restarted on 10/14/05						-	-	-	-	-	-
10/14/05	-	-	-	-	<0.05	<0.07	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					-
10/14/05	1,846,590	2,692,489	187	-	<0.10	<0.15	<0.06	<0.40	-	Split-sample results during EBMUD inspection & sampling				-	-
10/21/05	1,847,810	2,693,709	174	-	-	-	-	-	-	-	-	-	-	-	-
11/02/05	1,849,720	2,695,619	159	-	-	-	-	-	-	-	-	-	-	-	-
11/08/05	-	-	-	-	<0.05	0.62	<0.08	<0.33	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					-
11/10/05	1,850,760	2,696,659	130	-	-	-	-	-	-	-	-	-	-	-	-
11/17/05	1,851,420	2,697,319	94	-	-	-	-	-	-	-	-	-	-	-	-
11/23/05	1,854,560	2,700,459	523	-	-	-	-	-	-	-	-	-	-	-	-
11/30/05	1,856,650	2,702,549	299	-	-	-	-	-	-	-	-	-	-	-	-
12/09/05	1,858,340	2,704,239	188	-	-	-	-	-	-	-	-	-	-	-	-
12/15/05	1,859,780	2,705,679	240	-	-	-	-	-	-	-	-	-	-	-	-
12/22/05	1,860,420	2,706,319	91	-	-	-	-	-	-	-	-	-	-	-	-
12/30/05	1,862,470	2,708,369	256	-	-	-	-	-	-	-	-	-	-	-	-
01/06/06	1,866,760	2,712,659	613	-	-	-	-	-	-	-	-	-	-	-	-
01/11/06	1,867,740	2,713,639	196	698	<0.32	<0.10	<0.24	<0.30	-	6,120	210	<0.10	419	130	649
01/18/06	1,870,240	2,716,139	357	Shut down system for QWS and carbon change				-	-	-	-	-	-	-	-
01/27/06	1,870,280	2,716,179	4	Restarted after QWS and carbon change			-	-	-	-	-	-	-	-	-
02/01/06	-	-	-	-	<0.70	<0.67	<0.65	<2.0	-	Outlet sampling results from EBMUD (sample collected by EBMUD inspector)					-
02/01/06	1,870,530	2,716,429	50	-	<0.17	<0.22	<0.14	<0.38	-	Split-sample results during EBMUD inspection & sampling				-	-
02/10/06	1,877,370	2,723,269	760	-	-	-	-	-	-	-	-	-	-	-	-
02/17/06	1,879,230	2,725,129	266	-	-	-	-	-	-	-	-	-	-	-	-
02/24/06	1,880,710	2,726,609	211	-	-	-	-	-	-	-	-	-	-	-	-
03/01/06	1,882,270	2,728,169	312	-	-	-	-	-	-	-	-	-	-	-	-
03/10/06	1,889,370	2,735,269	789	-	-	-	-	-	-	-	-	-	-	-	-
03/17/06	1,889,660	2,735,559	41	-	-	-	-	-	-	-	-	-	-	-	-
03/21/06	1,890,930	2,736,829	318	-	-	-	-	-	-	-	-	-	-	-	-
03/29/06	1,891,880	2,737,779	119	-	-	-	-	-	-	-	-	-	-	-	-
04/05/06	1,893,340	2,739,239	209	<5.6	<0.32	<0.10	<0.24	<0.30	-	1,520	72	<0.10	199	28	129
04/11/06	1,895,480	2,741,379	357	-	-	-	-	-	-	-	-	-	-	-	-
04/11/06		2,741,379	-	Shut down system for QWS		-	-	-	-	-	-	-	-	-	-
04/14/06	1,895,490	2,741,389	3	Restart sytem after QWS		-	-	-	-	-	-	-	-	-	-
04/21/06	1,897,130	2,743,029	234	-	-	-	-	-	-	-	-	-	-	-	-
04/26/06	1,898,330	2,744,229	240	-	-	-	-	-	-	-	-	-	-	-	-
05/03/06	1,900,240	2,746,139	273	-	-	-	-	-	-	-	-	-	-	-	-
05/12/06	1,903,700	2,749,599	384	-	-	-	-	-	-	-	-	-	-	-	-
05/19/06	1,905,570	2,751,469	267	-	-	-	-	-	-	-	-	-	-	-	-
05/23/06	1,907,810	2,753,709	560	<5.6	<0.32	<0.10	<0.24	<0.30	-	683,000	3,600	135,000	25,100	165,000	-
05/26/06	1,909,780	2,755,679	657	-	-	-	-	-	-	-	-	-	-	-	-
06/02/06	1,911,010	2,756,909	176	-	-	-	-	-	-	-	-	-	-	-	-
06/09/06	1,912,670	2,758,569	237	-	-	-	-	-	-	77,300	668	19,300	1,660	8,800	-
06/16/06	1,914,330	2,760,229	237	-	-	-	-	-	-	-	-	-	-	-	-
06/23/06	1,917,210	2,763,109	411	-	-	-	-	-	-	-	-	-	-	-	-
06/27/06	1,919,740	2,765,639	633	-	-	-	-	-	-	-	-	-	-	-	-
07/06/06	1,921,470	2,767,369	192	3,730	44	874	26	503	16	4,450	8.6 J	99	34 J	149	2,780

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GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
07/14/06	1,921,980	2,767,879	64	-	-	-	-	-	-	-	-	-	-	-	-
07/18/06	1,922,070	2,767,969	23	Shut down system for carbon change			-	-	-	-	-	-	-	-	-
08/04/06	1,922,090	2,767,989	1	System restarted after carbon change											
08/04/06	1,922,090	2,767,989	1	<5.6	<0.32	<0.10	<0.24	<0.30	-	763	<0.32	<0.10	<0.24	<0.30	1040
08/18/06	1,928,690	2,774,589	471	-	-	-	-	-	-	-	-	-	-	-	-
08/25/06	1,929,580	2,775,479	127	-	-	-	-	-	-	-	-	-	-	-	-
09/01/06	1,932,440	2,778,339	409	-	-	-	-	-	-	-	-	-	-	-	-
09/08/06	1,936,240	2,782,139	543	-	-	-	-	-	-	-	-	-	-	-	-
09/14/06	1,938,420	2,784,319	363	-	-	-	-	-	-	-	-	-	-	-	-
09/20/06	1,939,710	2,785,609	215	-	-	-	-	-	-	-	-	-	-	-	-
10/04/06	1,942,100	2,787,999	171	<5.6	<0.32	<0.10	<0.24	1.1 J	-	14,400	78	1,110	440	1,440	1,420
10/13/06	1,945,320	2,791,219	358	-	-	-	-	-	-	-	-	-	-	-	-
10/19/06	1,947,230	2,793,129	318	-	-	-	-	-	-	-	-	-	-	-	-
10/24/06	1,948,670	2,794,569	288	Shut down system for QWS		-	-	-	-	-	-	-	-	-	-
10/27/06	1,948,670	2,794,569	-	Restart sytem after QWS		-	-	-	-	-	-	-	-	-	-
11/01/06	1,949,120	2,795,019	90	-	-	-	-	-	-	-	-	-	-	-	-
11/09/06	1,951,030	2,796,929	239	-	-	-	-	-	-	-	-	-	-	-	-
11/16/06	1,951,817	2,797,716	112	-	-	-	-	-	-	-	-	-	-	-	-
11/22/06	1,952,010	2,797,909	32	-	-	-	-	-	-	-	-	-	-	-	-
11/30/06	1,956,730	2,802,629	590	Shut down system for maintenance		-	-	-	-	-	-	-	-	-	-
12/01/06	1,956,730	2,802,629	-	Restarted system		-	-	-	-	-	-	-	-	-	-
12/07/06	1,958,510	2,804,409	297	-	-	-	-	-	-	-	-	-	-	-	-
12/12/06	1,959,720	2,805,619	242	Shut down system due to operator vacation			-	-	-	-	-	-	-	-	-
01/03/07	1,959,230	2,805,129	(22)	Restarted system		-	-	-	-	-	-	-	-	-	-
01/05/07	1,959,670	2,805,569	220												
01/11/07	1,961,280	2,807,179	268												
01/18/07	1,963,200	2,809,099	274	System shut down for QWS		-	-	-	-	-	-	-	-	-	-
01/24/07	1,963,200	2,809,099	-	<5.6	<0.17	<0.22	<0.14	<0.38	-	8,920	<1.6	115	91	612	68
01/25/07	1,963,860	2,809,759	660	-	-	-	-	-	-	-	-	-	-	-	-
02/02/07	1,967,120	2,813,019	408	-	-	-	-	-	-	-	-	-	-	-	-
02/06/07	1,969,320	2,815,219	550	-	-	-	-	-	-	-	-	-	-	-	-
02/16/07	1,971,040	2,816,939	172	-	-	-	-	-	-	-	-	-	-	-	-
02/19/07	1,971,760	2,817,659	240	-	-	-	-	-	-	-	-	-	-	-	-
02/28/07	1,978,320	2,824,219	729	-	-	-	-	-	-	-	-	-	-	-	-
03/16/07	1,983,620	2,829,519	331	-	-	-	-	-	-	-	-	-	-	-	-
03/23/07	1,985,120	2,831,019	214	-	-	-	-	-	-	-	-	-	-	-	-
03/30/07	1,987,330	2,833,229	316	-	-	-	-	-	-	-	-	-	-	-	-
04/05/07	1,989,120	2,835,019	298	-	-	-	-	-	-	-	-	-	-	-	-
04/12/07	1,991,300	2,837,199	311	<5.6	<0.17	<0.22	<0.14	<0.38	-	6,640	43	916	296	1,810	199
04/20/07	1,992,720	2,838,619	178	Shut down system for QWS											
04/27/07	1,992,730	2,838,629	1	Restart sytem after QWS											
05/03/07	1,994,500	2,840,399	295	-	-	-	-	-	-	-	-	-	-	-	-
05/10/07	2,002,410	2,848,309	1,130	-	-	-	-	-	-	-	-	-	-	-	-
05/17/07	2,004,320	2,850,219	273	-	-	-	-	-	-	-	-	-	-	-	-
05/25/07	2,004,810	2,850,709	61	-	-	-	-	-	-	-	-	-	-	-	-
06/01/07	2,005,210	2,851,109	59	-	-	-	-	-	-	-	-	-	-	-	-
06/14/07	2,006,540	2,852,439	87	-	-	-	-	-	-	-	-	-	-	-	-

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GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
Thrifty Oil Co. Station No 063, OAKLAND, CA

Date	Totalizer (gallons)	Total/Cum. Discharge (gallons)	Flow (gal/day)	OUTLET / EFFLUENT						INLET / INFLUENT					
				TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L	TPH-g ug/L	B ug/L	T ug/L	E ug/L	X ug/L	MTBE ug/L
06/19/07	2,008,320	2,854,219	173	-	-	-	-	-	-	-	-	-	-	-	-
06/21/07	2,008,740	2,854,639	314	-	-	-	-	-	-	15,800	186	1,890	410	2,060	97
06/29/07	2,016,480	2,862,379	816	-	-	-	-	-	-	-	-	-	-	-	-
07/06/07	2,014,260	2,860,159	368	-	-	-	-	-	-	-	-	-	-	-	-
07/13/07	2,013,420	2,859,319	(219)	-	-	-	-	-	-	-	-	-	-	-	-
07/20/07	2,015,230	2,861,129	69	-	-	-	-	-	-	-	-	-	-	-	-
07/24/07	2,015,620	2,861,519	200	Shut down system for QWS		-	-	-	-	-	-	-	-	-	-
07/27/07	2,015,670	2,861,569	63	Restart sytem after QWS		-	-	-	-	-	-	-	-	-	-
08/03/07	2,016,310	2,862,209	69	-	-	-	-	-	-	-	-	-	-	-	-
08/10/07	2,017,430	2,863,329	126	-	-	-	-	-	-	-	-	-	-	-	-
08/17/07	2,017,960	2,863,859	118	<5.6	<0.15	<0.12	<0.09	<0.26	-	-	-	-	-	-	-
08/24/07	2,018,100	2,863,999	48	-	-	-	-	-	-	-	-	-	-	-	-
08/31/07	2,018,210	2,864,109	18	-	-	-	-	-	-	-	-	-	-	-	-
09/07/07	2,018,630	2,864,529	38	Shut down system for repairs		-	-	-	-	-	-	-	-	-	-
09/14/07	2,019,810	2,865,709	114	Restart system	-	-	-	-	-	-	-	-	-	-	-
09/21/07	2,027,200	2,873,099	612	-	-	-	-	-	-	-	-	-	-	-	-
09/28/07	2,031,500	2,877,399	835	-	-	-	-	-	-	-	-	-	-	-	-
10/05/07	2,038,620	2,884,519	816	-	-	-	-	-	-	-	-	-	-	-	-
10/12/07	2,042,100	2,887,999	757	-	-	-	-	-	-	-	-	-	-	-	-
10/19/07	2,049,120	2,895,019	750	-	-	-	-	-	-	-	-	-	-	-	-
10/23/07	2,051,240	2,897,139	831	Shut down system for QWS		-	-	-	-	-	-	-	-	-	-
10/26/07	2,053,410	2,899,309	613	Restart sytem after QWS		-	-	-	-	-	-	-	-	-	-
11/6/2007[1]	2,054,180	2,900,079	210	<5.6	<0.15	<0.12	<0.09	<0.26	-	-	-	-	-	-	-
11/20/07	2,075,400	2,921,299	880	<5.6	<0.15	<0.12	<0.09	<0.26	-	2,240	84	<0.24	46	5.7	194
11/30/07	2,082,110	2,928,009	1,164	-	-	-	-	-	-	-	-	-	-	-	-
12/14/07	2,086,930	2,932,829	480		-	-	-	-	-	-	-	-	-	-	-
12/21/07	2,091,340	2,937,239	440		-	-	-	-	-	-	-	-	-	-	-

WD PERMIT LIMITS:	*NE*	*5.0*	*5.0*	*5.0*	*5.0*	*NE*

Note:

< = less than laboratory detection level indicated
- = no sample / not analyzed
NE = Permit Limit not established
TPH is analyzed by EPA Method 8015 M
BTEX is analyzed by EPA Method 8021 or 8260
*MTBE by 8020 / 8260

In February 2000, the total cumulative discharge amount was corrected to reflect all system maintenance and flowmeter changeouts since the startup of the system. The total number may be different from previous versions of this table.

[1] = Split sample results during EBMUD Inspection and Sampling

APPENDIX A

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

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

LAB REQUEST 201560
REPORTED 12/03/2007
RECEIVED 11/21/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS

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

Order No.	Client Sample Identification
850546	TOC #063 Outlet PSP 1
850547	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 850546 **Client Sample ID:** TOC #063 Outlet PSP 1

Matrix: WATER **Date Sampled:** 11/20/2007 **Time Sampled:** 09:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	11/28/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	11/28/07 LT
Toluene	ND	1	0.3	0.12	ug/L	11/28/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	11/28/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	79				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/28/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	79				%	55 - 200

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

Order #: 850547 **Client Sample ID:** Laboratory Method Blank
Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	11/28/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	11/28/07 LT
Toluene	ND	1	0.3	0.12	ug/L	11/28/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	11/28/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	80				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/28/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	80				%	55 - 200

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

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: November 28, 2007

Analysis Date 11/28/07-11/29/07

Lab ID#'s in Batch: 201556 , 201558 , 201560 , 201722 , 201554 , 201540 , 201694 , 201710 , 201562 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	451	449	90	90	0

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	80
LCS	176
LCSD	171

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: Nov 28-07

Analysis Date: 11/28/07-11/29/07

Lab ID#'s in Batch: 201542 , 201556 , 201558 , 201560 .

REPORTING UNITS = µg/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	16.7	16.8	84	84	1
Toluene	8021	ND	20	16.8	16.8	84	84	0
Ethylbenzene	8021	ND	20	16.6	16.7	83	84	1
Xylenes	8021	ND	60	52.0	51.1	87	85	2

ND = Not Detected
RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD
%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	80
LCS	88
LCSD	89

AAA-TFT = a,a,a-Trifluorotoluene

Chain of Custody Record

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

Company: THRIFTY OIL CO. | Phone: (562) 921-3581
Project Manager: JOSE DURYEA/SUSANA | Fax: 562/921-7510
Project Name: SYSTEM WATER SAMPLING | Project #: 063
Site Name and Address: 6225 TELEGRAPH AVE, OAKLAND, CA 94609

A.L. Job No. 201560 | Page 1 of 1

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested: TPH(gas) 8015M	Analysis Requested: BTEX 8021B	Test Instructions & Comments
1	OUTLET PSP1		11.20.07	9:00	H_2O	4-VOA	HCL	X	X	GRAB SAMPLE
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers		Property Cooled Y / N / NA	
Custody Seals Y / N / NA		Samples Intact Y / N / NA	
Received in Good Condition Y / N		Samples Accepted Y / N	

Turn Around Time

☑ Normal ☐ Rush ☐ Same Day ☐ 24 hrs. ☐ 48 hrs. ☐ 72 hrs.

Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.
Signature: EMC	Signature:	Signature:
Printed Name: STERLING P	Printed Name:	Printed Name:
Date: 11.20.07 Time: 16:00	Date: Time:	Date: Time:
Received By: G.S.O. 1.	Received By: 2.	Received By: 3.
Signature:	Signature:	Signature:
Printed Name:	Printed Name: JOE HUNG	Printed Name:
Date: Time:	Date: 11/21 Time: 0730	Date: Time:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager

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

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

LAB REQUEST 201562
REPORTED 12/04/2007
RECEIVED 11/21/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS * Matrix Interference.

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

Order No.	Client Sample Identification
850548	TOC #063 Int. 1
850549	TOC #063 Int. 2
850550	TOC #063 Int. 3
850551	TOC #063 Inlet
850552	TOC #063 MW-3
850553	TOC #063 MW-4
850554	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 850548
Matrix: WATER

Client Sample ID: TOC #063 Int. 1
Date Sampled: 11/20/2007 **Time Sampled:** 09:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	11/27/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	ND	1	1	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	11/27/07 RP
Toluene	ND	1	5	0.24	ug/L	11/27/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	11/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	100				%	70 - 130
Surr4 - p-Bromofluorobenzene	108				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/29/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	81				%	55 - 200

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

Order #: 850549
Matrix: WATER

Client Sample ID: TOC #063 Int. 2
Date Sampled: 11/20/2007 **Time Sampled:** 09:20

Analyte	Result		DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only							
Benzene	52		1	1	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND		1	1	0.29	ug/L	11/27/07 RP
Ethyl benzene	29		1	5	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND		1	1	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	101		1	1	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	7.8		1	1	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	439		1	10	10	ug/L	11/27/07 RP
Toluene	ND		1	5	0.24	ug/L	11/27/07 RP
Xylenes, total	2.8	J	1	5	0.45	ug/L	11/27/07 RP
Surrogates						**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93					%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103					%	70 - 130
Surr3 - Toluene-d8	108					%	70 - 130
Surr4 - p-Bromofluorobenzene	102					%	70 - 130
8015M - Gasoline							
Gasoline	1080		1	50	5.6	ug/L	11/29/07 LT
Surrogates						**Units**	**Control Limits**
a,a,a-Trifluorotoluene	169					%	55 - 200

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

Order #: 850550
Matrix: WATER

Client Sample ID: TOC #063 Int. 3
Date Sampled: 11/20/2007 **Time Sampled:** 09:30

Analyte	Result		DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only							
Benzene	82		1	1	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND		1	1	0.29	ug/L	11/27/07 RP
Ethyl benzene	47		1	5	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND		1	1	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	193		1	1	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	ND		1	1	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	808		1	10	10	ug/L	11/27/07 RP
Toluene	1.1	J	1	5	0.24	ug/L	11/27/07 RP
Xylenes, total	5.8		1	5	0.45	ug/L	11/27/07 RP
Surrogates						**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	95					%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99					%	70 - 130
Surr3 - Toluene-d8	105					%	70 - 130
Surr4 - p-Bromofluorobenzene	111					%	70 - 130
8015M - Gasoline							
Gasoline	1840		1	50	5.6	ug/L	11/29/07 LT
Surrogates						**Units**	**Control Limits**
a,a,a-Trifluorotoluene	210*					%	55 - 200

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

Order #: 850551
Matrix: WATER

Client Sample ID: TOC #063 Inlet
Date Sampled: 11/20/2007 **Time Sampled:** 09:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	84	1	1	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	11/27/07 RP
Ethyl benzene	46	1	5	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	194	1	1	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	1070	1	10	10	ug/L	11/27/07 RP
Toluene	ND	1	5	0.24	ug/L	11/27/07 RP
Xylenes, total	5.7	1	5	0.45	ug/L	11/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	92				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109				%	70 - 130
Surr3 - Toluene-d8	98				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
8015M - Gasoline						
Gasoline	2240	1	50	5.6	ug/L	11/29/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	222*				%	55 - 200

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

Order #: 850552
Matrix: WATER

Client Sample ID TOC #063 MW-3
Date Sampled: 11/20/2007 **Time Sampled:** 09:50

Analyte	Result		DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only							
Benzene	32		1	1	0.18	ug/L	11/29/07 RP
Di-isopropyl ether (DIPE)	ND		1	1	0.29	ug/L	11/29/07 RP
Ethyl benzene	6.5		1	5	0.21	ug/L	11/29/07 RP
Ethyl-tertbutylether (ETBE)	ND		1	1	0.17	ug/L	11/29/07 RP
Methyl-tertbutylether (MTBE)	39		1	1	0.18	ug/L	11/29/07 RP
Tert-amylmethylether (TAME)	ND		1	1	0.28	ug/L	11/29/07 RP
Tertiary butyl alcohol (TBA)	66		1	10	10	ug/L	11/29/07 RP
Toluene	1.6	J	1	5	0.24	ug/L	11/29/07 RP
Xylenes, total	3.7	J	1	5	0.45	ug/L	11/29/07 RP
Surrogates						**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91					%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104					%	70 - 130
Surr3 - Toluene-d8	103					%	70 - 130
Surr4 - p-Bromofluorobenzene	104					%	70 - 130
8015M - Gasoline							
Gasoline	254		1	50	5.6	ug/L	11/29/07 LT
Surrogates						**Units**	**Control Limits**
a,a,a-Trifluorotoluene	112					%	55 - 200

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

Order #: 850553
Matrix: WATER

Client Sample ID: TOC #063 MW-4
Date Sampled: 11/20/2007 **Time Sampled:** 10:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	69	10	10.0	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	11/27/07 RP
Ethyl benzene	56	10	50.0	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	529	10	10.0	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	16	10	10.0	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	1830	10	100.0	10	ug/L	11/27/07 RP
Toluene	ND	10	50.0	0.24	ug/L	11/27/07 RP
Xylenes, total	13 J	10	50.0	0.45	ug/L	11/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	97				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99				%	70 - 130
Surr3 - Toluene-d8	105				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
8015M - Gasoline						
Gasoline	2120	10	500.0	5.6	ug/L	11/29/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98				%	55 - 200

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

Order #: 850554 **Client Sample ID:** Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	11/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	11/27/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	11/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	11/27/07 RP
Methyl-tertbutylether (MTBE)	ND	1	1	0.18	ug/L	11/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	11/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	11/27/07 RP
Toluene	ND	1	5	0.24	ug/L	11/27/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	11/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	98				%	70 - 130
Surr3 - Toluene-d8	105				%	70 - 130
Surr4 - p-Bromofluorobenzene	105				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/28/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	80				%	55 - 200

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

Chain of Custody Record

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

A.L. Job No. 201562

Page 1 of 1

Company	THRIFTY OIL CO.	Phone	(562) 921-3581
Project Manager	JEFF SURYAKUSUMA	Fax	(562) 921-7540
Project Name	SYSTEM WATER SAMPLING	Project #	063
Site Name and Address	6125 TELEGRAPH AVE OAKLAND CA. 94609		

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested: TPH-g (8015M)	BTEX (8021B)	OXYGENATES (8260B)	Test Instructions & Comments
1	INT. 1		11.20.07	9:10	H_2O	4-VOA	HCL	X	X	X	ANALYSIS REQUIRED
2	INT. 2			9:20				X	X	X	FOR COMPOUNDS USED
3	INT. 3			9:30				X	X	X	IN CA. GASOLINE BY
4	INLET			9:40				X	X	X	EPA METHOD 8260B
5	MW-3			9:50				X	X	X	1-TERTIARY BUTANOL
6	MW-4			10:00				X	X	X	2-M.T.B.E
7											3-DIPE
8											4-ETBE
9											5-TAME
10											
11											
12											
13											
14											
15											

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers		Properly Cooled Y / N / NA	
Custody Seals Y / N / NA		Samples Intact Y / N / NA	
Received in Good Condition Y / N		Samples Accepted Y / N	

Turn Around Time

❑ Normal ❑ Rush ❑ Same Day ❑ 24 hrs. ❑ 48 hrs. ❑ 72 hrs.

	Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.
Signature:			
Printed Name:			
Date: / Time:			
Received By:	1. ASLab	2.	3.
Signature:			
Printed Name:	Hwyn		
Date: / Time:	11/21 1030		

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager

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

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

LAB REQUEST 200636

REPORTED 11/15/2007

RECEIVED 11/07/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS REVISED REPORT 11/28/07

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

Order No.	Client Sample Identification
846515	TOC# 063 Outlet PSP-1
846516	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

4/5

Order #: 846515
Matrix: WATER

Client Sample ID: TOC# 063 Outlet PSP-1
Date Sampled: 11/06/2007 **Time Sampled:** 08:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	11/09/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	11/09/07 LT
Toluene	ND	1	0.3	0.12	ug/L	11/09/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	11/09/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	109				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/09/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	109				%	55 - 200

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

Order #: 846516 **Client Sample ID** Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	11/08/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	11/08/07 LT
Toluene	ND	1	0.3	0.12	ug/L	11/08/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	11/08/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	66				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	11/08/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	66				%	55 - 200

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

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

Chain of Custody Record

Company: THRIFTY OIL CO. Phone: 562(921-3581
Project Manager: JOSE BUDYANTORO Fax: 562(921-7505
Project Name: Project #: 063
Site Name and Address: 6125 TELEGRAPH AVE OAKLAND CA 94609

A.L. Job No. 24187 Page 1 of 1

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested: TPH(D) (EPA 8015M)	Analysis Requested: BTEX (EPA 8021B)	Test Instructions & Comments
1	OUTLET PSP-1		11-06-07	8:20	H2O	3-VOA	HCL	X	X	GRAB SAMPLE
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers		Properly Cooled Y/N/NA	
Custody Seals Y/N/NA		Samples Intact Y/N/NA	
Received in Good Condition Y/N		Samples Accepted Y/N	

Turn Around Time

☑ Normal ☐ Rush ☐ Same Day ☐ 24 hrs. ☐ 48 hrs. ☐ 72 hrs.

1. Relinquished by Sampler: EMC	2. Relinquished by:	3. Relinquished by:
Signature:	Signature:	Signature:
Printed Name: JOSE BUDYANTORO	Printed Name:	Printed Name:
Date: 11.06.07 Time: 1630	Date: Time:	Date: Time:
Received By: GDG	Received By:	Received By: 3.
Signature:	Signature:	Signature:
Printed Name:	Printed Name:	Printed Name:
Date: Time:	Date: 11/7 Time: 1830	Date: Time:

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

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

LAB REQUEST 195920
REPORTED 08/30/2007
RECEIVED 08/20/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS

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

Order No.	Client Sample Identification
825336	TOC#063 Outlet PSP
825337	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 825336 **Clien mple ID** TOC#063 Outlet PSP
Matrix: WATER **Date Sampled:** 08/17/2007 **Time Sampled:** 10:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	08/23/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	08/23/07 LT
Toluene	ND	1	0.3	0.12	ug/L	08/23/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	08/23/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	107				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	08/23/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	107				%	55 - 200

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

Order #: 825337 **Client Sample ID:** Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.15	ug/L	08/23/07 LT
Ethyl benzene	ND	1	0.3	0.09	ug/L	08/23/07 LT
Toluene	ND	1	0.3	0.12	ug/L	08/23/07 LT
Xylene (total)	ND	1	0.6	0.26	ug/L	08/23/07 LT
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	109				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	08/23/07 LT
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	109				%	55 - 200

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

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: August 23, 2007

Analysis Date 8/23/07-8/24/07

Lab ID#'s in Batch: LR 195920 , 195887 , 196138 , 196059 , 196060 , 196156 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	432	448	86	90	4

* Outside QC Limits

ND = Not Detected

LCS Result = Lab Control Sample Result

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

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

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	**55-200**
Method Blank	109
LCS	177
LCSD	178

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: Aug 23-07

Analysis Date: 8/23/07-8/24/07

Lab ID#'s in Batch: LR 196139 , 195920 , 196224 .

REPORTING UNITS = µg/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	21.5	20.7	108	104	4
Toluene	8021	ND	20	21.6	20.7	108	104	4
Ethylbenzene	8021	ND	20	22.5	22.2	113	111	1
Xylenes	8021	ND	60	73.0	70.2	122	117	4

ND = Not Detected
RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD
%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	109
LCS	124
LCSD	123

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
806 North Batavia – Orange, California 92868 – 714-771-6900 FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: T.O.C. Project: _____
Date Received: 8/20/07
Sample(s) received in cooler: (Yes) No (Skip Section 2)

Section 2
Was the cooler packed with: ✓ Ice ___ Ice Packs ___ Bubble Wrap ___ Styrofoam ___ Paper ___ None ___ Other _____
Cooler or box temperature: 3.2°C

(Acceptance range is 2 to 6 Deg. C.)

Section 3

	YES	NO	N/A
Was a COC received?	✓		
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?	✓		
No head space in VOA vials?	✓		
Were the correct preservatives used?			✓
Were the samples scanned for presence of radioactivity?			✓
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: _____ Date: 8/20/07

Chain of Custody Record

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

195920

Company: THRIFTY OIL CO.	Phone: (562) 921-3581	A.L. Job No.	Page 1 of 1
Project Manager: JEFF SUPYAKUSUMA	Fax: (562) 921-7540		
Project Name: SYSTEM WATER SAMPLING	Project #: 063.		
Site Name and Address: 6125 TELEGRAPH AVE OAKLAND CA. 94609			

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested: TPH-g (8015M)	Analysis Requested: BTEX (8021B)	Test Instructions & Comments
1	OUTLET PSP1		08-17-07	10:00	H_2O	4-VOA	HCL	X	X	GRAB SAMPLE
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers	4	Properly Cooled (Y) N / NA	
Custody Seals Y / N / (NA)		Samples Intact (Y) N / NA	
Received in Good Condition (Y) N		Samples Accepted (Y) N	

Turn Around Time

☑ Normal ☐ Rush ☐ Same Day ☐ 24 hrs. ☐ 48 hrs. ☐ 72 hrs.

	1.	2.	3.
Relinquished by Sampler:	EMC		
Signature:			
Printed Name:	DEBBARA P		
Date: 08-17-07 Time:	15:30		
Received By:	G.S.O.		
Signature:			
Printed Name:			
Date: 8/20/07 Time:	10:20		

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

8.20.07 1:20

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

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

LAB REQUEST 195949
REPORTED 08/28/2007
RECEIVED 08/20/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS

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

Order No.	Client Sample Identification
825427	TOC #063 Int-1
825428	TOC #063 Int-2
825429	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 825427 **Clier ample ID:** TOC #063 Int-1
Matrix: WATER **Date Sampled:** 08/17/2007 **Time Sampled:** 10:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	08/24/07 RP
Di-isopropyl ether (DIPE)	ND	1	1.0	0.20	ug/L	08/24/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	08/24/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1.0	0.23	ug/L	08/24/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	08/24/07 RP
Tert-amylmethylether (TAME)	ND	1	1.0	0.19	ug/L	08/24/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	08/24/07 RP
Toluene	ND	1	5	0.24	ug/L	08/24/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	08/24/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	109				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	120				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	96				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	08/22/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	99				%	55 - 200

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

Order #: 825428 **Clier `ample ID:** TOC #063 Int-2
Matrix: WATER **Date Sampled:** 08/17/2007 **Time Sampled:** 10:20

Analyte	Result		DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only							
Benzene	1.1		1	1	0.18	ug/L	08/22/07 RP
Di-isopropyl ether (DIPE)	ND		1	1.0	0.20	ug/L	08/22/07 RP
Ethyl benzene	ND		1	5	0.21	ug/L	08/22/07 RP
Ethyl-tertbutylether (ETBE)	ND		1	1.0	0.23	ug/L	08/22/07 RP
Methyl-tert-butylether (MTBE)	344		10	10.0	0.19	ug/L	08/24/07 RP
Tert-amylmethylether (TAME)	3.6		1	1.0	0.19	ug/L	08/22/07 RP
Tertiary butyl alcohol (TBA)	ND		1	10	10	ug/L	08/22/07 RP
Toluene	ND		1	5	0.24	ug/L	08/22/07 RP
Xylenes, total	1.3	J	1	5	0.45	ug/L	08/22/07 RP
Surrogates						**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	107					%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	110					%	70 - 130
Surr3 - Toluene-d8	104					%	70 - 130
Surr4 - p-Bromofluorobenzene	93					%	70 - 130
8015B - Gasoline							
Gasoline	298		1	50	5.6	ug/L	08/22/07 LT
Surrogates						Units	Control Limits
a,a,a-Trifluorotoluene	110					%	55 - 200

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

Order #: 825429 **Client Sample ID:** Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	08/22/07 RP
Di-isopropyl ether (DIPE)	ND	1	1.0	0.20	ug/L	08/22/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	08/22/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1.0	0.23	ug/L	08/22/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	08/22/07 RP
Tert-amylmethylether (TAME)	ND	1	1.0	0.19	ug/L	08/22/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	08/22/07 RP
Toluene	ND	1	5	0.24	ug/L	08/22/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	08/22/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	108				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	111				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	98				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	08/21/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	110				%	55 - 200

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

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: August 21, 2007

Analysis Date 8/21/07-8/22/07

Lab ID#'s in Batch: LR 195857 , 195867 , 195995 , 195871 , 195862 , 195949 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	395	401	79	80	2

* Outside QC Limits
ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	110
LCS	191
LCSD	190

AAA-TFT = a,a,a-Trifluorotoluene

..SSOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 4

Sample ID: *MS/MSD Water Sample* 195991-605
Date Prepared: August 21, 2007
Date Analyzed: August 21, 2007
Sample Matrix: Water
Units: µg/L

Lab ID#'s in Batch: 195991, 195857, 195719, 195871, 195842, 195949, 195862

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	61.20	56.60	122	113	8	22	59 - 172
MTBE	47.10	50.0	97.20	101.00	100	108	4	24	62 - 137
Benzene	0.00	50.0	52.20	50.50	104	101	3	24	62 - 137
Trichloroethene	1.40	50.0	52.20	49.60	102	96	5	21	66 - 142
Toluene	0.00	50.0	51.40	48.90	103	98	5	21	59 - 139
Chlorobenzene	0.00	50.0	48.70	45.70	97	91	6	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	58.90	118	59 - 172
MTBE	50.0	51.60	103	62 - 137
Benzene	50.0	49.30	99	62 - 137
Trichloroethene	50.0	49.30	99	66 - 142
Toluene	50.0	48.40	97	59 - 139
Chlorobenzene	50.0	45.40	91	60 - 133

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec		MS % Rec	MSD % Rec		LCS % Rec	Limits % Rec
Dibromofluoromethane	104	108		104	109		107	70 - 135
1,2-Dichloroethane-d4	120	111		113	116		112	70 - 135
Toluene-d8	101	102		102	99		100	70 - 135
p-Bromofluorobenzene	94	98		96	93		96	70 - 135

ASSOCIATED LABORATORIES

QA / QC EPA Methods 8260 - GCMS # 4

Sample ID: *MS/MSD Water Sample* 196059-931
Date Prepared: August 23, 2007
Date Analyzed: August 24, 2007
Sample Matrix: Water
Units: µg/L

Lab ID#'s in Batch: 196006, 196059, 196182, 196238, 195991, 195842, 195949, 195586

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	56.60	59.60	113	119	5	22	59 - 172
MTBE	0.00	50.0	43.00	46.60	86	93	8	24	62 - 137
Benzene	0.00	50.0	50.50	50.80	101	102	1	24	62 - 137
Trichloroethene	0.00	50.0	49.90	49.70	100	99	0	21	66 - 142
Toluene	0.00	50.0	50.20	49.40	100	99	2	21	59 - 139
Chlorobenzene	0.00	50.0	47.20	47.90	94	96	1	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	57.20	114	59 - 172
MTBE	50.0	46.40	93	62 - 137
Benzene	50.0	49.20	98	62 - 137
Trichloroethene	50.0	48.70	97	66 - 142
Toluene	50.0	48.80	98	59 - 139
Chlorobenzene	50.0	47.70	95	60 - 133

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec		MS % Rec	MSD % Rec		LCS % Rec	Limits % Rec
Dibromofluoromethane	112	109		103	109		110	70 - 135
1,2-Dichloroethane-d4	118	113		110	112		115	70 - 135
Toluene-d8	101	101		101	100		102	70 - 135
p-Bromofluorobenzene	95	100		97	93		90	70 - 135

ASSOCIATED LABORATORIES
806 North Batavia – Orange, California 92868 – 714-771-6900 FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: T.O.C. Project:
Date Received: 8/20/07
Sample(s) received in cooler: (Yes) No (Skip Section 2)

Section 2
Was the cooler packed with: ✓Ice ___ Ice Packs ___ Bubble Wrap ___ Styrofoam ___ Paper ___ None ___ Other
Cooler or box temperature: 3.2°
(Acceptance range is 2 to 6 Deg. C.)

Section 3	YES	NO	N/A
Was a COC received?	✓		
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?	✓		
No head space in VOA vials?	✓		
Were the correct preservatives used?			✓
Were the samples scanned for presence of radioactivity?			✓
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: [signature] Date: 8/20/07

Chain of Custody Record

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

A.L. Job No. 195419 Page 1 of 1

Company	THRIFTY OIL CO.	Phone	(562) 921-3581
Project Manager	JEFF SUYAMATSUMA	Fax	(562) 921-7540
Project Name	SYSTEM WATER SAMPLING	Project #	0631
Site Name and Address	6125 TELEGRAPH AVE OAKLAND CA 94609		

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TRPH (9015M)	BTEX (8021B)	5 OXYGENATES	Test Instructions & Comments
1	INT.-1		08-17-07	10:10	H_2O	4-VOA	HCL	X	X	X	*ANALYSIS REQUIRED FOR COMPOUNDS USED IN CA. GASOLINE BY EPA METHOD 8260B 1-TERTIARY BUTANOL 2-M.T.B.E. 3-D.I.P.E 4-E.T.B.E. 5-T.A.M.E.
2	INT.-2		08-17-07	10:20	H_2O	4-VOA	HCL	X	X	X	
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers	8	Properly Cooled	Y / N / NA
Custody Seals Y / N / NA		Samples Intact	Y / N / NA
Received in Good Condition	Y / N	Samples Accepted	Y / N

Turn Around Time

☑ Normal ☐ Rush ☐ Same Day ☐ 24 hrs. ☐ 48 hrs. ☐ 72 hrs.

	Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.
Signature:	E.M.C		
Printed Name:	STEPHEN P.		
Date: / Time:	08-17-07 / 15:30	/	/
Received By:	C.S.O. 1.	2.	3.
Signature:			
Printed Name:			
Date: / Time:	/	8/20/07 / 10:20	/

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

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

LAB REQUEST 192559
REPORTED 07/02/2007
RECEIVED 06/22/2007

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS

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

Order No.	Client Sample Identification
809159	TOC #063 Int-1
809160	TOC #063 Int-2
809161	TOC #063 Inlet
809162	Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 809159
Matrix: WATER

Clier `ample ID: TOC #063 Int-1
Date Sampled: 06/21/2007 **Time Sampled:** 10:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	06/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	06/27/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	06/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	06/27/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	06/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	06/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	06/27/07 RP
Toluene	ND	1	5	0.24	ug/L	06/27/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	06/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	116				%	70 - 130
Surr3 - Toluene-d8	97				%	70 - 130
Surr4 - p-Bromofluorobenzene	103				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	06/27/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	75				%	55 - 200

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

Order #: 809160 **Client Sample ID:** TOC #063 Int-2

Matrix: WATER **Date Sampled:** 06/21/2007 **Time Sampled:** 10:10

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	550	50	50.0	0.18	ug/L	07/05/07 RP
Di-isopropyl ether (DIPE)	ND	50	50.0	0.20	ug/L	07/05/07 RP
Ethyl benzene	719	50	250.0	0.21	ug/L	07/05/07 RP
Ethyl-tertbutylether (ETBE)	ND	50	50.0	0.23	ug/L	07/05/07 RP
Methyl-tert-butylether (MTBE)	751	50	50.0	0.19	ug/L	07/05/07 RP
Tert-amylmethylether (TAME)	ND	50	50.0	0.19	ug/L	07/05/07 RP
Tertiary butyl alcohol (TBA)	750	50	500.0	10	ug/L	07/05/07 RP
Toluene	5000	50	250.0	0.24	ug/L	07/05/07 RP
Xylenes, total	2940	50	250.0	0.45	ug/L	07/05/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	89				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	100				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	99				%	70 - 130
8015B - Gasoline						
Gasoline	23400	40	2000.0	5.6	ug/L	07/05/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	115				%	55 - 200

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

Order #: 809161 **Client Sample ID:** TOC #063 Inlet

Matrix: WATER **Date Sampled:** 06/21/2007 **Time Sampled:** 10:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	186	1	1	0.18	ug/L	06/30/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	06/30/07 RP
Ethyl benzene	410	10	50.0	0.21	ug/L	06/30/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	06/30/07 RP
Methyl-tert-butylether (MTBE)	97	1	1	0.19	ug/L	06/30/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	06/30/07 RP
Tertiary butyl alcohol (TBA)	110	1	10	10	ug/L	06/30/07 RP
Toluene	1890	10	50.0	0.24	ug/L	06/30/07 RP
Xylenes, total	2060	10	50.0	0.45	ug/L	06/30/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	84				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	91				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	99				%	70 - 130
8015B - Gasoline						
Gasoline	15800	10	500.0	5.6	ug/L	06/25/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	71				%	55 - 200

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

Order #: 809162 **Clier `ample ID:** Laboratory Method Blank
Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.18	ug/L	06/27/07 RP
Di-isopropyl ether (DIPE)	ND	1	1	0.20	ug/L	06/27/07 RP
Ethyl benzene	ND	1	5	0.21	ug/L	06/27/07 RP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.23	ug/L	06/27/07 RP
Methyl-tert-butylether (MTBE)	ND	1	1	0.19	ug/L	06/27/07 RP
Tert-amylmethylether (TAME)	ND	1	1	0.19	ug/L	06/27/07 RP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	06/27/07 RP
Toluene	ND	1	5	0.24	ug/L	06/27/07 RP
Xylenes, total	ND	1	5	0.45	ug/L	06/27/07 RP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	115				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	103				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	5.6	ug/L	06/25/07 LT
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	64				%	55 - 200

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

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: June 25, 2007

Analysis Date 6/25/07-6/26/07

Lab ID#'s in Batch: 192505 , 192559 , 192513 .

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = µg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	581	616	116	123	6

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	64
LCS	98
LCSD	108

AAA-TFT = a,a,a-Trifluorotoluene

, SSOCIATED LABORATORIE_

QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: *MS/MSD Water Sample* 192570-194
Date Prepared: June 27, 2007
Date Analyzed: June 27, 2007
Sample Matrix: Water
Units: µg/L

Lab ID#'s in Batch: 192559, 192570, 192740, 192572

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	57.70	62.10	115	124	7	22	59 - 172
MTBE	0.00	50.0	57.20	56.70	114	113	1	24	62 - 137
Benzene	0.00	50.0	49.50	49.40	99	99	0	24	62 - 137
Trichloroethene	0.00	50.0	60.00	54.10	120	108	10	21	66 - 142
Toluene	0.00	50.0	58.70	53.70	117	107	9	21	59 - 139
Chlorobenzene	0.00	50.0	53.40	49.70	107	99	7	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	54.90	110	59 - 172
MTBE	50.0	58.50	117	62 - 137
Benzene	50.0	49.60	99	62 - 137
Trichloroethene	50.0	56.10	112	66 - 142
Toluene	50.0	49.80	100	59 - 139
Chlorobenzene	50.0	47.80	96	60 - 133

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec		MS % Rec	MSD % Rec		LCS % Rec	Limits % Rec
Dibromofluoromethane	96	89		96	94		103	70 - 135
1,2-Dichloroethane-d4	115	109		110	107		104	70 - 135
Toluene-d8	101	101		108	102		100	70 - 135
p-Bromofluorobenzene	103	100		103	101		106	70 - 135

. SSOCIATED LABORATORIE .

QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: *MS/MSD Water Sample* 192807-418
Date Prepared: June 28, 2007
Date Analyzed: June 28, 2007
Sample Matrix: Water
Units: µg/L

Lab ID#'s in Batch: 192807, 192559, 192570, 192740, 192871

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	70.80	61.30	142	123	14	22	59 - 172
MTBE	0.00	50.0	58.40	55.90	117	112	4	24	62 - 137
Benzene	0.00	50.0	50.90	48.40	102	97	5	24	62 - 137
Trichloroethene	0.00	50.0	55.50	54.70	111	109	1	21	66 - 142
Toluene	0.00	50.0	53.00	51.50	106	103	3	21	59 - 139
Chlorobenzene	0.00	50.0	49.50	47.40	99	95	4	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	65.10	130	59 - 172
MTBE	50.0	55.90	112	62 - 137
Benzene	50.0	51.20	102	62 - 137
Trichloroethene	50.0	55.50	111	66 - 142
Toluene	50.0	52.40	105	59 - 139
Chlorobenzene	50.0	49.90	100	60 - 133

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec		MS % Rec	MSD % Rec		LCS % Rec	Limits % Rec
Dibromofluoromethane	93	96		99	100		90	70 - 135
1,2-Dichloroethane-d4	110	112		111	114		115	70 - 135
Toluene-d8	98	99		100	99		99	70 - 135
p-Bromofluorobenzene	96	102		105	104		103	70 - 135

. SSOCIATED LABORATORIE.

QA / QC EPA Methods 8260 - GCMS # 3

Sample ID: *MS/MSD Water Sample* 192811-453
Date Prepared: June 29, 2007
Date Analyzed: June 29, 2007
Sample Matrix: Water
Units: µg/L

Lab ID#'s in Batch: 192708, 192811, 192808, 192559

Compound	Sample Conc.	Spike Added	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD	QC RPD	Limits % Rec
1,1-Dichloroethene	0.00	50.0	74.00	64.90	148	130	13	22	59 - 172
MTBE	2.00	50.0	39.30	42.60	75	81	8	24	62 - 137
Benzene	5.30	50.0	47.90	46.90	85	83	2	24	62 - 137
Trichloroethene	34.80	50.0	83.30	80.10	97	91	4	21	66 - 142
Toluene	0.00	50.0	53.40	51.00	107	102	5	21	59 - 139
Chlorobenzene	0.00	50.0	48.60	47.70	97	95	2	21	60 - 133

Sample ID: *LCS*

Compound	Spike Added	Spike Res	Spike % Rec	Limits % Rec
1,1-Dichloroethene	50.0	62.40	125	59 - 172
MTBE	50.0	52.90	106	62 - 137
Benzene	50.0	49.20	98	62 - 137
Trichloroethene	50.0	54.70	109	66 - 142
Toluene	50.0	52.20	104	59 - 139
Chlorobenzene	50.0	47.60	95	60 - 133

*=Outside QC limits due to high concentration in sample

If Sample Result > 4 times Spike Added, then "NC"

Surrogate Recovery

Compound	MB 1 % Rec	MB 2 % Rec		MS % Rec	MSD % Rec		LCS % Rec	Limits % Rec
Dibromofluoromethane	89	98		106	108		94	70 - 135
1,2-Dichloroethane-d4	109	114		91	97		106	70 - 135
Toluene-d8	99	99		100	100		100	70 - 135
p-Bromofluorobenzene	104	104		105	104		101	70 - 135

ASSOCIATED LABORATORIES
806 North Batavia – Orange, California 92868 – 714-771-6900 FAX 714-538-1209

SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: Thrifty Project: _____
Date Received: 6-22-07
Sample(s) received in cooler: (Yes) No (Skip Section 2)

Section 2
Was the cooler packed with: X Ice ___ Ice Packs ___ Bubble Wrap ___ Styrofoam
___ Paper ___ None ___ Other _____
Cooler or box temperature: _____
(Acceptance range is 2 to 6 Deg. C.) 3.6

Section 3	YES	NO	N/A
Was a COC received?	✓		
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?	✓		
No head space in VOA vials?			✓
Were the correct preservatives used?	✓		
Were the samples scanned for presence of radioactivity?		✓	
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: M Stewart Date: 6-22-07

Chain of Custody Record

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

Company	THRIFTY OIL CO.	Phone	(562) 921-3581
Project Manager	JEFF SURYAKUSUMA	Fax	(562) 921-7540
Project Name	SYSTEM WATER SAMPLING	Project #	063
Site Name and Address	6125 TELEGRAPH AVE. OAKLAND CA. 94609	A.L. Job No.	192559 ✓

Page 1 of 1

	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	Analysis Requested: TPH(G)(MW)(8015)	BTEX(8260B)	OXYGENATES(8260B)	Test Instructions & Comments
1	INT. 1.		06.21.07	10:00	H_2O	4-VOA	HCL	X	X	X	ANALYSIS REQUIRED
2	INT. 2		06.21.07	10:10	H_2O	4-VOA	HCL	X	X	X	FOR COMPOUNDS
3	INLET		06.21.07	10:20	H_2O	4-VOA	HCL	X	X	X	USED IN GAS. GASOLINE
4											BY EPA METHOD 8260B
5											1-TERTIARY BUTANOL
6											2-MTBE
7											3-DIPE
8											4-ETBE
9											5-TAME
10											
11											
12											
13											
14											
15											

Sample Receipt - To Be Filled By Laboratory

Total Number of Containers		Properly Cooled Y / N / NA	
Custody Seals Y / N / NA		Samples Intact Y / N / NA	
Received in Good Condition Y / N		Samples Accepted Y / N	

Turn Around Time

☑ Normal ☐ Rush ☐ Same Day ☐ 24 hrs. ☐ 48 hrs. ☐ 72 hrs.

	1.	2.	3.
Relinquished by Sampler:	E.M.C.		
Signature:			
Printed Name:	STERBAN F		
Date: 06.21.07 Time: 16:00			
Received By:	G.S.O.		
Signature:			
Printed Name:			
Date: 6/22/07 Time: 9:40			

Relinquished by 2. — Signature: — Printed Name: — Date: Time:

Relinquished by 3. — Signature: — Printed Name: — Date: Time:

Received By: 2. — Signature: — Printed Name: — Date: Time:

Received By: 3. — Signature: — Printed Name: — Date: Time:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager