

THRIFTY OIL CO.

RO 4

March 11, 2004

O.44090

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

Local #4057
RWQCB #01-1478

RE: **Former Thrifty Oil Co. Station #049**
ARCO Products Company Station #9535
3400 San Pablo Avenue
Oakland, CA 94612
Transmittal of Soil and Groundwater Data

Alameda County
MAR 16 2004
Environmental Health

Dear Mr. Chan:

Enclosed, please find the soil and laboratory data for the offsite soil boring assessment completed at Thrifty Oil Co. (Thrifty) Station #049 in January 2004. Soil boring locations are shown on the attached figure. Also included is the groundwater data from onsite replacement wells MW-1R, MW-2R, and MW-4R. As we discussed in our telephone conversation on March 11, 2004; *RE-1R* Advanced GeoEnvironmental mistakenly did not submit for laboratory analyses the soil samples from the onsite replacement wells. Finally, as you requested in your e-mail dated March 10, 2004, Thrifty is resubmitting the 4th Quarter 2003, Status Report along with the analytical data for the First Quarter 2004.

I look forward to meeting with you at Thrifty #049 on March 18, 2004, to discuss the location of offsite well MW-8 and the increase in MTBE found in well MW-3.

In the meantime, should you have any questions or comments, please contact the undersigned at (562) 921-3581 x404.

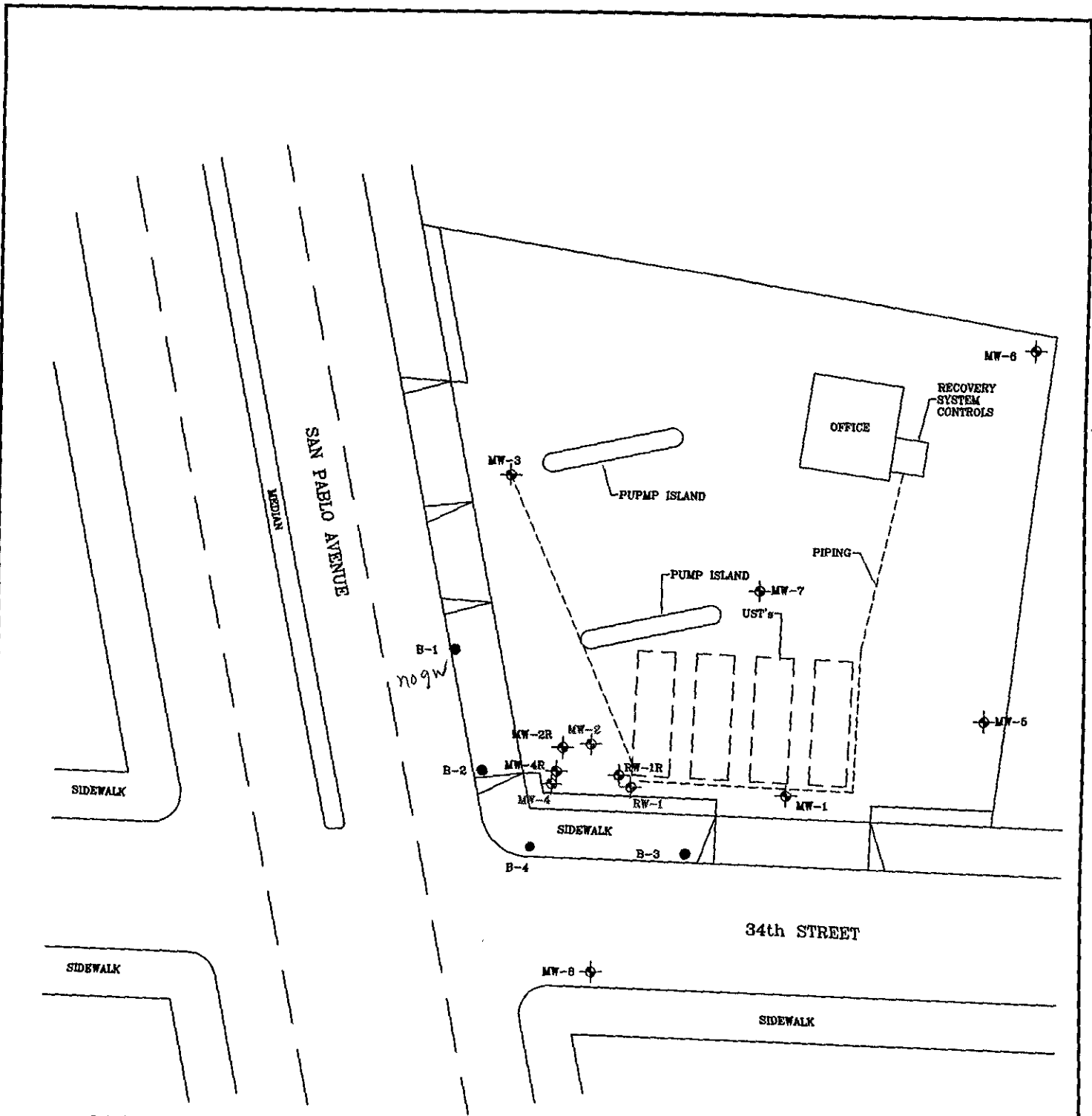
Sincerely,



Michael H. Bowery, R. G.
Project Manager

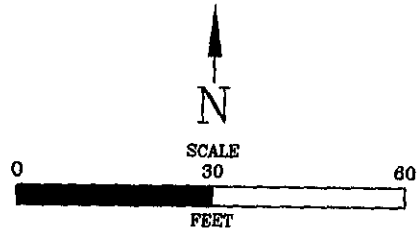
cc: File



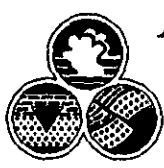


LEGEND

- RECOVERY SYSTEM PIPING
- MW-8 ◊ PROPOSED MONITORING WELL LOCATION
- MW-4R ◊ MONITORING WELL LOCATION
- SB-1 ● SOIL BORING LOCATION
- MW-4 ◊ ABANDONED MONITORING WELL LOCATION



PROPOSED BORING SITE PLAN
 Thrifty Oil #49
 3400 San Pablo Avenue
 Oakland, California



Advanced
GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1049	FILE: Thrifty49-2b	FIGURE:
DATE: 06 January 2004	DRAWN BY: CRM	2



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

1.43509
RECEIVED JS
 FEB 20 2004 MB
ENVIRONMENTAL

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 124086

REPORTED 02/12/2004

RECEIVED 02/05/2004

PROJECT Station #049

SUBMITTER Client

COMMENTS Global ID: T0600101365

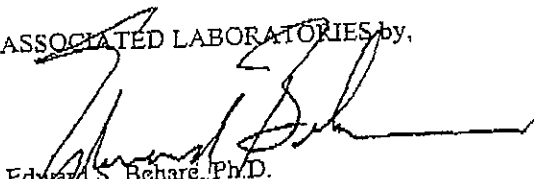
This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.
 496017
 496018
 496019
 496020

Client Sample Identification
 TOC #049, MW2R/02-03-04
 TOC #049, MW4R/02-03-04
 TOC #049, RW1R/02-03-04
 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

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Order #: 496017

Client Sample ID TOC #049, MW2R/02-03-04

Matrix: WATER

Date Sampled: 02/03/2004 Time Sampled: 15:20

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	278	10	10.0	0.22	ug/L	02/11/04 LB
Ethyl benzene	ND	10	50.0	0.31	ug/L	02/11/04 LB
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	02/11/04 LB
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	02/11/04 LB
Methyl-tert-butylether (MTBE)	7880	10	10.0	0.18	ug/L	02/11/04 LB
Tert-amylmethylether (TAME)	76	10	10.0	0.28	ug/L	02/11/04 LB
Tertiary butyl alcohol (TBA)	1610	10	100.0	10	ug/L	02/11/04 LB
Toluene	59	10	50.0	0.32	ug/L	02/11/04 LB
Xylenes, total	5710	10	50.0	0.4	ug/L	02/11/04 LB
					Units	Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	100				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	108				%	70 - 130
8015M - Gasoline						
Gasoline	52200	20	1000.0	15	ug/L	02/07/04 LZ
					Units	Control Limits
Surrogates						
a,a,a-Trifluorotoluene	153				%	55 - 200

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



Order #: 496018

Client Sample ID: TOC #049, MW4R/02-03-04

Matrix: WATER

Date Sampled: 02/03/2004 Time Sampled: 13:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	746	10	10.0		0.22 ug/L	02/11/04 LB
Ethyl benzene	ND	10	50.0		0.31 ug/L	02/11/04 LB
Ethyl-tertbutylether (ETBE)	ND	10	10.0		0.17 ug/L	02/11/04 LB
Isopropyl ether (DIPE)	ND	10	10.0		0.29 ug/L	02/11/04 LB
Methyl-tert-butylether (MTBE)	6720	10	10.0		0.18 ug/L	02/11/04 LB
Tert-amylmethylether (TAME)	209	10	10.0		0.28 ug/L	02/11/04 LB
Tertiary butyl alcohol (TBA)	1350	10	100.0		10 ug/L	02/11/04 LB
Toluene	180	10	50.0		0.32 ug/L	02/11/04 LB
Xylenes, total	5190	10	50.0		0.4 ug/L	02/11/04 LB
					Units	Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	100				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	106				%	70 - 130
8015M - Gasoline						
Gasoline	36400	20	1000.0		15 ug/L	02/08/04 LZ
					Units	Control Limits
Surrogates						
a,a,a-Trifluorotoluene	128				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=1 race



Order #: 496019
 Matrix: WATER

Client Sample ID: TOC #049, RW1R/02-03-04
 Date Sampled: 02/03/2004 Time Sampled: 12:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	294	10	10.0		0.22 ug/L	02/11/04 LB
Ethyl benzene	ND	10	50.0		0.31 ug/L	02/11/04 LB
Ethyl-tertiarybutylether (ETBE)	ND	10	10.0		0.17 ug/L	02/11/04 LB
Isopropyl ether (DIPE)	ND	10	10.0		0.29 ug/L	02/11/04 LB
Methyl-tert-butylether (MTBE)	5650	10	10.0		0.18 ug/L	02/11/04 LB
Tert-amylmethylether (TAME)	53	10	10.0		0.28 ug/L	02/11/04 LB
Tertiary butyl alcohol (TBA)	1370	10	100.0		10 ug/L	02/11/04 LB
Toluene	143	10	50.0		0.32 ug/L	02/11/04 LB
Xylenes, total	5290	10	50.0		0.4 ug/L	02/11/04 LB
					Units	Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	92				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	98				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Dibromofluorobenzene	107				%	70 - 130
8015M - Gasoline						
Gasoline	49300	20	1000.0		15 ug/L	02/07/04 LZ
					Units	Control Limits
Surrogates						
a,a,a-Trifluorotoluene	81				%	55 - 200

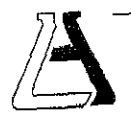
PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=1 race



Order #: 496020 Client Sample ID: Laboratory Method Blank
 Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	02/11/04 LB
Ethyl benzene	ND	1	5	0.31	ug/L	02/11/04 LB
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	02/11/04 LB
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	02/11/04 LB
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	02/11/04 LB
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	02/11/04 LB
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	02/11/04 LB
Toluene	ND	1	5	0.32	ug/L	02/11/04 LB
Xylenes, total	ND	1	5	0.4	ug/L	02/11/04 LB
					Units	Control Limits
Surrogates					%	70 - 130
Surr1 - Dibromofluoromethane	101				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	113				%	70 - 130
Surr3 - Toluene-d8	108				%	70 - 130
Surr4 - p-Bromofluorobenzene	106				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	50	15	ug/L	02/07/04 LZ
					Units	Control Limits
Surrogates					%	55 - 200
a,a,a-Trifluorotoluenc	108					

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



**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 02/06/04
 Analysis Date: 02/07/04
 ID#'s in Batch: LR 123935, 124086, 124072, 124073, 124070
 Reporting Units = mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	450	500	90	80%	120%
TPH	8015M-G	LCSD	ND	485	500	97	80%	120%

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	108
LCS	160
LCSD	166

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 02/08/04
 Analysis Date: 02/08/04 02/09/04
 ID#'s in Batch: LR 124099, 124137, 124086
 Reporting Units = mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	LCS	PREP BLK	Result	True	%Rec	L.Limit	H.Limit
			Value					
		LCS	ND	458	500	92	80%	120%
TPH	8015M-G	LCSD	ND	467	500	93	80%	120%

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	111
LCS	163
LCSD	157

AAA-TFT = a.a.a-Trifluorotoluene

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

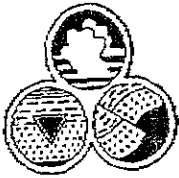
QC Sample: LCS/LCSD - Water Samples
 Analysis Date: 02/11/04
 Applies to: LR 124073, 124086, 124332, 124099, 124138
 Reporting Units = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate								QC Limits	
Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	RPD	%REC
1,1-Dichloroethene	ND	50	46.80	46.51	94	93	1	22	59-172
MTBE	ND	50	41.89	42.72	84	85	2	24	62-137
Benzene	ND	50	43.89	44.86	88	90	2	24	62-137
Trichloroethene	ND	50	45.09	44.85	90	90	1	21	66-142
Toluene	ND	50	45.16	44.78	90	90	1	21	59-139
Chlorobenzene	ND	50	45.67	44.40	91	89	3	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	97	101	99	104
LCSD	101	102	96	108
BLANK # 1	101	113	108	106



Advanced
GeoEnvironmental, Inc.

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

CHAIN OF CUSTODY RECORD
Date 2/4/04 Page 1 of 1

124086

Client Thrifty Oil Co.

Project Manager Chris Miller

Phone Number (209) 467 1006

Samplers: (Signature) _____

Tests Required _____

Invoice: AGE Client

Project Name Thrifty Oil / Station 49 / G.P.

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes
				Water		Air			
				Comp.	Grab.				
<u>MW2R/02.03.04</u>	<u>MW2R</u>	<u>2/3/04</u>	<u>1520</u>					<u>3</u>	
<u>MW4R/02.03.04</u>	<u>MW4R</u>	<u>↓</u>	<u>1300</u>					<u>3</u>	
<u>RW1R/02.03.04</u>	<u>RW1R</u>	<u>↓</u>	<u>1215</u>					<u>3</u>	

Relinquished by: (Signature) [Signature] Date/Time 2/5/04

Received by: (Signature) _____ Date/Time 2/4/04 / 1630

Received by Mobile Laboratory for field analysis: (Signature) _____ Date/Time _____

Received for Laboratory by: _____ Date/Time _____

Dispatched by: (Signature) _____

Method of Shipment: Cal Overnight

Special Instructions: * Please fax copy of results to AGE.

Laboratory Name: Associated Labs

I hereby authorize the performance of the above indicated work. [Signature]

2 2-504-4:20

FEB-20-2004 14:35 FROM-Associated Laboratories 714-938-1209



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

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

LAB REQUEST 122596 ✓

REPORTED 01/19/2004

RECEIVED 01/09/2004

PROJECT Station #049 ✓

SUBMITTER Client

COMMENTS

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

<u>Order No.</u>	<u>Client Sample Identification</u>
489688	TOC #049, B-3-10/010604
489689	TOC #049, B-3-15/010604
489690	TOC #049, B-3-20/010604
489691	TOC #049, B-3-WS/010604
489692	TOC #049, B-4-5/010604
489693	TOC #049, B-4-10/010604
489694	TOC #049, B-4-15/010604
489695	TOC #049, B-4-20/010604
489696	TOC #049, B-4-WS/010604
489697	TOC #049, B-2-5/010604
489698	TOC #049, B-2-10/010604
489699	TOC #049, B-2-15/010604
489700	TOC #049, B-2-20/010604
489701	TOC #049, B-2-WS/010604
489702	TOC #049, B-1-5/010604
489703	TOC #049, B-1-10/010604

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

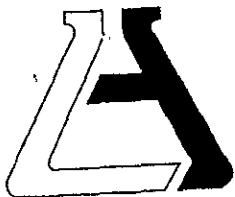
ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

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Microbiological
Environmental



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

FAX 714/538-1209

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

(8871)

LAB REQUEST 122596 ✓

REPORTED 01/19/2004

RECEIVED 01/09/2004

PROJECT Station #049 ✓

SUBMITTER Client

COMMENTS

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Order No.

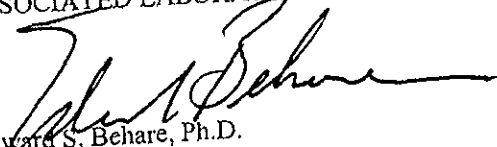
489704
 489705
 489706
 489707

✓
Client Sample Identification

TOC #049, B-1-15/010604
 TOC #049, B-1-20/010604
 Laboratory Method Blank-S
 Laboratory Method Blank-W

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

ASSOCIATED LABORATORIES by,


 Edward S. Behare, Ph.D.
 Vice President

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

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Order #: 489688
Matrix: SOLID

Client: amy ID: TOC #049, B-3-10/010604
Date Sampled: 01/06/2004 Time Sampled: 10:28

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbuylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	609	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	2.4 J	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	488	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	3.5 J	1	5	0.8	ug/Kg	01/14/04 AM
						Units Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	97				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	104				%	70 - 130
Surr4 - p-Bromofluorobenzene	102				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
						Units Control Limits
Surrogates						
a,a,a-Trifluorotoluene	104				%	55 - 200

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



Order #: 489689
 Matrix: SOLID

Client: amf ID TOC #049, B-3-15/010604
 Date Sampled: 01/06/2004 Time Sampled: 10:35

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	2.1	J 1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	4.1	J 1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	1320	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	25	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	263	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	6.1	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	20	1	5	0.8	ug/Kg	01/14/04 AM
					Units	Control Limits
Surrogates					%	70 - 130
Surr1 - Dibromofluoromethane	97				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	111				%	70 - 130
Surr4 - p-Bromofluorobenzene	104				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
					Units	Control Limits
Surrogates					%	55 - 200
a,a,a-Trifluorotoluene	112					

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



Order #: 489690
 Matrix: SOLID

Client: amp ID: TOC #049, B-3-20/010604
 Date Sampled: 01/06/2004 Time Sampled: 10:49

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	1060	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	25	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	175	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	3.2 J	1	5	0.8	ug/Kg	01/14/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	93			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	102			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	102			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	108			%	55 - 200	

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

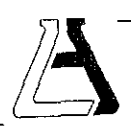


Order #: 489691
 Matrix: WATER

Client: amp D: TOC #049, B-3-WS/01066
 Date Sampled: 01/06/2004 Time Sampled: 10:56

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	1450	10	10.0	0.22	ug/L	01/13/04 AM
Ethyl benzene	2870	10	50.0	0.31	ug/L	01/13/04 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	01/13/04 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	01/13/04 AM
Methyl-tert-butylether (MTBE)	19400	100	100.0	0.18	ug/L	01/17/04 AM
Tert-amylmethylether (TAME)	368	10	10.0	0.28	ug/L	01/13/04 AM
Tertiary butyl alcohol (TBA)	3270	10	100.0	10	ug/L	01/13/04 AM
Toluene	3600	10	50.0	0.32	ug/L	01/13/04 AM
Xylenes, total	11300	100	500.0	0.4	ug/L	01/17/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	106			%		70 - 130
Surr2 - 1,2-Dichloroethane-d4	85			%		70 - 130
Surr3 - Toluene-d8	99			%		70 - 130
Surr4 - p-Bromofluorobenzene	102			%		70 - 130
8015M - Gasoline						
Gasoline	89600	20	1000.0	15	ug/L	01/13/04 LZ
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	207*			%		55 - 200

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



Order #: 489692

Client: amp D: TOC #049, B-4-5/010604

Matrix: SOLID

Date Sampled: 01/06/2004 Time Sampled: 11:26

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	2.3 J	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	1.8 J	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	24	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	13 J	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	3.5 J	1	5	0.8	ug/Kg	01/14/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	97				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	98				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	106				%	70 - 130
8015M - Gasoline						
Gasoline	30	2	6.0	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	148				%	55 - 200

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



Order #: 489693
Matrix: SOLID

Client: amp D: TOC #049, B-4-10/010604
Date Sampled: 01/06/2004 Time Sampled: 11:33

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	1070	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	2.8 J	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	496	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/14/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	96			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130	
Surr3 - Toluene-d8	106			%	70 - 130	
Surr4 - p-Bromofluorobenzene	105			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
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 #: 489694

Client Sample ID: TOC #049, B-4-15/010604

Matrix: SOLID

Date Sampled: 01/06/2004 Time Sampled: 11:40

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	121	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	19 J	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/14/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	95				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102				%	70 - 130
Surr3 - Toluene-d8	105				%	70 - 130
Surr4 - p-Bromofluorobenzene	100				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	69				%	55 - 200

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



Order #: 489695

Client: amp TOC #049, B-4-20/010604

Matrix: SOLID

Date Sampled: 01/06/2004 Time Sampled: 11:49

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	420	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	70	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/14/04 AM
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	95			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130	
Surr3 - Toluene-d8	108			%	70 - 130	
Surr4 - p-Bromofluorobenzene	101			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	108			%	55 - 200	

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



Order #: 489696
 Matrix: WATER

Client: ampl TOC #049, B-4-WS/0106
 Date Sampled: 01/06/2004 Time Sampled: 12:01

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	247	10	10.0	0.22	ug/L	01/13/04 AM
Ethyl benzene	1110	10	50.0	0.31	ug/L	01/13/04 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	01/13/04 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	01/13/04 AM
Methyl-tert-butylether (MTBE)	27900	100	100.0	0.18	ug/L	01/18/04 AM
Tert-amylmethylether (TAME)	212	10	10.0	0.28	ug/L	01/13/04 AM
Tertiary butyl alcohol (TBA)	5080	10	100.0	10	ug/L	01/13/04 AM
Toluene	65	10	50.0	0.32	ug/L	01/13/04 AM
Xylenes, total	3530	10	50.0	0.4	ug/L	01/13/04 AM
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	103			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	96			%	70 - 130	
Surr3 - Toluene-d8	102			%	70 - 130	
Surr4 - p-Bromofluorobenzene	102			%	70 - 130	
8015M - Gasoline						
Gasoline	65800	20	1000.0	15	ug/L	01/13/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	188			%	55 - 200	

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



Order #: 489697
 Matrix: SOLID

Client Sample ID: TOC #049, B-2-5/010604
 Date Sampled: 01/06/2004 Time Sampled: 12:38

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	50	250.0	0.39	ug/Kg	01/15/04 AM
Ethyl benzene	5890	50	250.0	0.41	ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	50	500.0	0.77	ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	50	500.0	0.82	ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	140 J	50	250.0	0.51	ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	ND	50	500.0	0.61	ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	ND	50	2500.0	5.0	ug/Kg	01/15/04 AM
Toluene	ND	50	250.0	0.42	ug/Kg	01/15/04 AM
Xylenes, total	31300	50	250.0	0.8	ug/Kg	01/15/04 AM
				Units	Control Limits	
Surrogates					%	70 - 130
Surr1 - Dibromofluoromethane				97	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4				82	%	70 - 130
Surr3 - Toluene-d8				102	%	70 - 130
Surr4 - p-Bromofluorobenzene				109	%	70 - 130
8015M - Gasoline						
Gasoline	654	50	150.0	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates					%	55 - 200
a,a,a-Trifluorotoluene				142		

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



Order #: 489698
Matrix: SOLID

Client Sample TOC #049, B-2-10/010604
Date Sampled: 01/06/2004 Time Sampled: 12:44

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

Benzene	ND	1	5	0.39 ug/Kg	01/15/04 AM
Ethyl benzene	ND	1	5	0.41 ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77 ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82 ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	939	1	5	0.51 ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	11	1	10	0.61 ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	339	1	50	5.0 ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42 ug/Kg	01/15/04 AM
Xylenes, total	7.0	1	5	0.8 ug/Kg	01/15/04 AM

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	94			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130
Surr3 - Toluene-d8	106			%	70 - 130
Surr4 - p-Bromofluorobenzene	103			%	70 - 130

8015M - Gasoline

Gasoline	ND	1	3	0.401 mg/Kg	01/13/04 LT
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	113			%	55 - 200

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



Order #: 489699
 Matrix: SOLID

Client Sample #: TOC #049, B-2-15/01060
 Date Sampled: 01/06/2004 Time Sampled: 12:52

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

Benzene	ND	1	5	0.39	ug/Kg	01/15/04 AM
Ethyl benzene	1.4 J	1	5	0.41	ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	1.6 J	1	10	0.82	ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	220	1	5	0.51	ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	1.1 J	1	10	0.61	ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	38 J	1	50	5.0	ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/15/04 AM
Xylenes, total	8.4	1	5	0.8	ug/Kg	01/15/04 AM

Surrogates

				Units	Control Limits
Surr1 - Dibromofluoromethane	93			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130
Surr3 - Toluene-d8	107			%	70 - 130
Surr4 - p-Bromofluorobenzene	102			%	70 - 130

8015M - Gasoline

Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
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Surrogates

				Units	Control Limits
a,a,a-Trifluorotoluene	113			%	55 - 200

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

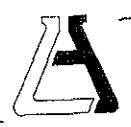


Order #: 489700
 Matrix: SOLID

Client amp ID: TOC #049, B-2-20/01060
 Date Sampled: 01/06/2004 Time Sampled: 13:02

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/15/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	5.5	1	5	0.51	ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	ND	1	50	5.0	ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/15/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/15/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	92				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	106				%	70 - 130
Surr4 - p-Bromofluorobenzene	105				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	78				%	55 - 200

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



Order #: 489701
 Matrix: WATER

Client Sample ID: TOC #049, B-2-WS/0106
 Date Sampled: 01/06/2004 Time Sampled: 13:06

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	2490	100	100.0		0.22 ug/L	01/13/04 AM
Ethyl benzene	4020	100	500.0		0.31 ug/L	01/13/04 AM
Ethyl-tertbutylether (ETBE)	ND	100	100.0		0.17 ug/L	01/13/04 AM
Isopropyl ether (DIPE)	ND	100	100.0		0.29 ug/L	01/13/04 AM
Methyl-tert-butylether (MTBE)	7060	100	100.0		0.18 ug/L	01/13/04 AM
Tert-amylmethylether (TAME)	216	100	100.0		0.28 ug/L	01/13/04 AM
Tertiary butyl alcohol (TBA)	ND	100	1000.0		10 ug/L	01/13/04 AM
Toluene	4310	100	500.0		0.32 ug/L	01/13/04 AM
Xylenes, total	21400	100	500.0		0.4 ug/L	01/13/04 AM
					Units	Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	93				%	70 - 130
Surr3 - Toluene-d8	105				%	70 - 130
Surr4 - p-Bromofluorobenzene	101				%	70 - 130
8015M - Gasoline						
Gasoline	172000	50	2500.0		15 ug/L	01/13/04 LZ
					Units	Control Limits
Surrogates						
a,a,a-Trifluorotoluene	208*				%	55 - 200

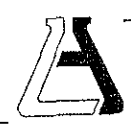
PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 489702 Client: amy ID: TOC #049, B-1-5/010604
 Matrix: SOLID Date Sampled: 01/06/2004 Time Sampled: 13:39

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	1.8 J	1	5	0.39 ug/Kg		01/15/04 AM
Ethyl benzene	ND	1	5	0.41 ug/Kg		01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77 ug/Kg		01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82 ug/Kg		01/15/04 AM
Methyl-tert-butylether (MTBE)	97	1	5	0.51 ug/Kg		01/15/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61 ug/Kg		01/15/04 AM
Tertiary butyl alcohol (TBA)	132	1	50	5.0 ug/Kg		01/15/04 AM
Toluene	ND	1	5	0.42 ug/Kg		01/15/04 AM
Xylenes, total	ND	1	5	0.8 ug/Kg		01/15/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	97			%		70 - 130
Surr2 - 1,2-Dichloroethane-d4	102			%		70 - 130
Surr3 - Toluene-d8	103			%		70 - 130
Surr4 - p-Bromofluorobenzene	101			%		70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401 mg/Kg		01/13/04 LT
				Units	Control Limits	
Surrogates						
a,a,a-Trifluorotoluene	105			%		55 - 200

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



Order #: 489703

Client: amj ID: TOC #049, B-1-10/010604

Matrix: SOLID

Date Sampled: 01/06/2004 Time Sampled: 13:45

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	16	1	5	0.39	ug/Kg	01/15/04 AM
Ethyl benzene	2.3 J	1	5	0.41	ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	411	1	5	0.51	ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	24	1	10	0.61	ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	304	1	50	5.0	ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/15/04 AM
Xylenes, total	1.0 J	1	5	0.8	ug/Kg	01/15/04 AM
					Units	Control Limits
Surrogates						
Surr1 - Dibromofluoromethane	95				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	107				%	70 - 130
Surr4 - p-Bromofluorobenzene	101				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
					Units	Control Limits
Surrogates						
a,a,a-Trifluorotoluene	116				%	55 - 200

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



Order #: 489704
 Matrix: SOLID

Client ID: TOC #049, B-1-15/01060
 Date Sampled: 01/06/2004 Time Sampled: 13:52

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/15/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	53	1	5	0.51	ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	12	J 1	50	5.0	ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/15/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/15/04 AM
				Units	Control Limits	
Surrogates						
Surr1 - Dibromofluoromethane	92				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	100				%	70 - 130
Surr3 - Toluene-d8	107				%	70 - 130
Surr4 - p-Bromofluorobenzene	102				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/13/04 LT
				Units	Control Limits	
Surrogates						
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 #: 489705
 Matrix: SOLID

Client: amj ID TOC #049, B-1-20/01060
 Date Sampled: 01/06/2004 Time Sampled: 14:03

Analyte	Result	DF	PQL	MDL Units	Date/Analyst
8260B BTEX/MTBE Only					
Benzene	ND	1	5	0.39 ug/Kg	01/15/04 AM
Ethyl benzene	ND	1	5	0.41 ug/Kg	01/15/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77 ug/Kg	01/15/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82 ug/Kg	01/15/04 AM
Methyl-tert-butylether (MTBE)	19	1	5	0.51 ug/Kg	01/15/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61 ug/Kg	01/15/04 AM
Tertiary butyl alcohol (TBA)	ND	1	50	5.0 ug/Kg	01/15/04 AM
Toluene	ND	1	5	0.42 ug/Kg	01/15/04 AM
Xylenes, total	ND	1	5	0.8 ug/Kg	01/15/04 AM
				Units	Control Limits
Surrogates					
Surr1 - Dibromofluoromethane	89			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	97			%	70 - 130
Surr3 - Toluene-d8	107			%	70 - 130
Surr4 - p-Bromofluorobenzene	104			%	70 - 130
8015M - Gasoline					
Gasoline	ND	1	3	0.401 mg/Kg	01/13/04 LT
				Units	Control Limits
Surrogates					
a,a,a-Trifluorotoluene	108			%	55 - 200

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



Order #: 489706

Client: amr ID Laboratory Method Blank

Matrix: SOLID

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	5	0.39	ug/Kg	01/14/04 AM
Ethyl benzene	ND	1	5	0.41	ug/Kg	01/14/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	10	0.77	ug/Kg	01/14/04 AM
Isopropyl ether (DIPE)	ND	1	10	0.82	ug/Kg	01/14/04 AM
Methyl-tert-butylether (MTBE)	ND	1	5	0.51	ug/Kg	01/14/04 AM
Tert-amylmethylether (TAME)	ND	1	10	0.61	ug/Kg	01/14/04 AM
Tertiary butyl alcohol (TBA)	ND	1	50	5.0	ug/Kg	01/14/04 AM
Toluene	ND	1	5	0.42	ug/Kg	01/14/04 AM
Xylenes, total	ND	1	5	0.8	ug/Kg	01/14/04 AM
Surrogates				Units	Control Limits	
Surr1 - Dibromofluoromethane	92			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	101			%	70 - 130	
Surr3 - Toluene-d8	103			%	70 - 130	
Surr4 - p-Bromofluorobenzene	104			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	3	0.401	mg/Kg	01/12/04 LT
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	162			%	55 - 200	

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



Order #: 489707
 Matrix: WATER

Client: amr ID Laboratory Method Blank

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

Benzene	ND	1	1	0.22	ug/L	01/13/04 AM
Ethyl benzene	ND	1	5	0.31	ug/L	01/13/04 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	01/13/04 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	01/13/04 AM
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	01/13/04 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	01/13/04 AM
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	01/13/04 AM
Toluene	ND	1	5	0.32	ug/L	01/13/04 AM
Xylenes, total	ND	1	5	0.4	ug/L	01/13/04 AM

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	98	%	70 - 130
Surr3 - Toluene-d8	107	%	70 - 130
Surr4 - p-Bromofluorobenzene	105	%	70 - 130

8015M - Gasoline

Gasoline	ND	1	50	15	ug/L	01/12/04 LZ
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PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



**ASSOCIATED LABORATORIES
QA REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: SOLID
 Prep. Date: 01/12/04
 Analysis Date: 01/12/04-01/13/04
 ID#'s in Batch: LR 122596
 Reporting Units = mg/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	LCS	PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
		LCS	ND	5.3	5	106	80%	120%
TPH	8015M-G	LCSD	ND	5.2	5	104	80%	120%

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	162
LCS	133
LCSD	132

AAA-TFT = a,a,a-Trifluorotoluene

OR

**ASSOCIATED LABORATORIES
QA REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 01/12/04
 Analysis Date: 01/12/04-01/13/04
 ID#'s in Batch: LR 122457, 122560, 122557, 122596
 Reporting Units = mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	LCS	PREP BLK	Result	True	%Rec	L.Limit	H.Limit
			Value					
		LCS	ND	431	500	86	80%	120%
TPH	8015M-G	LCSD	ND	467	500	93	80%	120%

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	92
LCS	153
LCSD	158

AAA-TFT = a,a,a-Trifluorotoluene

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

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 01/14/04 8:29 PM

Applies to: LR 122708, 122596

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	49.32	44.60	99	89	10	22	59-172
MTBE	ND	50	48.37	48.23	97	96	0	24	62-137
Benzene	ND	50	51.71	51.29	103	103	1	24	62-137
Trichloroethene	ND	50	53.73	59.91	107	120	11	21	66-142
Toluene	ND	50	56.12	57.76	112	116	3	21	59-139
Chlorobenzene	ND	50	53.21	54.45	106	109	2	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 2	MB 3	LCS Soil	LCSD Soil
DBFM	94	91	95	96
1,2-DCA	100	99	89	89
Tol-d8	105	110	103	105
p-BFB	103	100	97	99

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

QC Sample:

LCS/LCSD - Water Samples

Analysis Date:

01/13/04 2:48 PM

Applies to:

LR 122523, 122558, 122573, 122588, 122614, 122648, 122596

Reporting Units =

ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	57.87	56.39	116	113	3	22	59-172
MTBE	ND	50	45.92	46.57	92	93	1	24	62-137
Benzene	ND	50	51.84	52.81	104	106	2	24	62-137
Trichloroethene	ND	50	56.61	54.12	113	108	4	21	66-142
Toluene	ND	50	58.02	56.55	116	113	3	21	59-139
Chlorobenzene	ND	50	55.68	55.25	111	111	1	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 1	LCS	LCSD
DBFM	93	96	99
1,2-DCA	98	86	90
Tol-d8	107	107	100
p-BFB	105	97	96

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

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 01/18/04 2:17 AM

Applies to: LR 122952, 122596, 122812, 122855, 122838, 122888, 122864, 122887, 122865, 123000, 122910

Reporting Units = ug/L

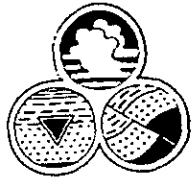
Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	47.60	48.39	95	97	2	22	59-172
MTBE	ND	50	46.87	45.90	94	92	2	24	62-137
Benzene	ND	50	50.63	51.99	101	104	3	24	62-137
Trichloroethene	ND	50	56.83	55.34	114	111	3	21	66-142
Toluene	ND	50	54.63	54.57	109	109	0	21	59-139
Chlorobenzene	ND	50	51.74	52.86	103	106	2	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compounds	MB 4	MB 5	LCS Water	LCSD Water
DBFM	94	89	98	99
1,2-DCA	99	97	90	86
Tol-d8	104	108	102	100
p-BFB	104	99	96	97



Advanced
GeoEnvironmental, Inc.

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

122596 ✓

CHAIN OF CUSTODY RECORD

Date 1-6-04 Page 2 of 3

Client Thrifty O.I Co

Project Manager Mike Boweroy

Phone Number 562-921-3581 x404

Samplers: (Signature) [Signature]

Project Name Thrifty 49 ✓

Tests Required: TPH-9, BTEX, 5 Feel OXY / MTBE

Invoice: AGE Client

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	TPH-9	BTEX	5 Feel OXY / MTBE	Notes
				Water		Air						
				Comp.	Grab.							
B-4-20/010604		1-6-04	1149				X	1	X	X	X	
B-4-WS/010604		1-6-04	1201		X			4 3	X	X	X	
B-2-5/010604		1-6-04	1238				X	1	X	X	X	
B-2-10/010604		1-6-04	1244				X	1	X	X	X	
B-2-15/010604		1-6-04	1252				X	1	X	X	X	
B-2-20/010604		1-6-04	1302				X	1	X	X	X	
B-2-WS/010604		1-6-04	1306		X			4 3	X	X	X	

Relinquished by: (Signature) [Signature] Date/Time 1-8-04/1635

Received by: (Signature) [Signature] Date/Time 1/9/04 11:05

Relinquished by: (Signature) _____ Date/Time _____

Received by Mobile Laboratory for field analysis: (Signature) _____ Date/Time _____

Relinquished by: (Signature) _____ Date/Time _____

Received for Laboratory by: _____ Date/Time _____

Dispatched by: (Signature) _____

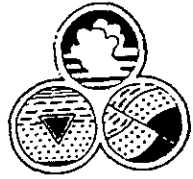
Method of Shipment: Cal Overnight

Special Instructions: _____

Laboratory Name: Associated

I hereby authorize the performance of the above indicated work.

[Signature]



**Advanced
GeoEnvironmental, Inc.**

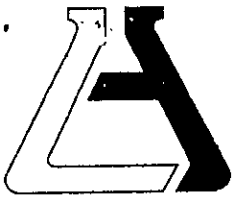
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 1-6-04 Page 3 of 3

122596 ✓

Client <u>Thriftly Oil Co.</u>				Project Manager <u>Mike Bowers</u>				Tests Required				
				Phone Number <u>562-921-3581 (404)</u>				TPH -g BTEX 5 Feel OXY S / MTBE				
Project Name <u>Thriftly Station #049 ✓</u>				Samplers: (Signature) <u>[Signature]</u>								Invoice: AGE <input type="checkbox"/> Client <input checked="" type="checkbox"/>
				Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.
Water Comp.	Water Grab.	Air										
<u>B-1-5/010604</u>		<u>1-6-04</u>	<u>1339</u>				<u>X</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>B-1-10/010604</u>		<u>↓</u>	<u>1345</u>				<u>↓</u>	<u>↓</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>B-1-15/010604</u>		<u>↓</u>	<u>1352</u>				<u>↓</u>	<u>↓</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>B-1-20/010604</u>		<u>↓</u>	<u>1403</u>				<u>↓</u>	<u>↓</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u> </u>												
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature) <u>[Signature]</u> <u>1/9/04</u> <u>11:05</u>				Date/Time <u>1-8-04/1630-</u>						
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature) <u>[Signature]</u>				Date/Time						
Relinquished by: (Signature) <u>[Signature]</u>		Received by Mobile Laboratory for field analysis: (Signature) <u>[Signature]</u>				Date/Time						
Dispatched by: (Signature) <u>[Signature]</u>		Date/Time		Received for Laboratory by: <u>[Signature]</u>								
Method of Shipment: <u>Cal Overnight</u>						Laboratory Name <u>Associated</u>						
Special Instructions: <u> </u>						I hereby authorize the performance of the above indicated work. <u>[Signature]</u>						



ASSOCIATED LABORATORIES

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

FAX 714/538-1209

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

(8871)

825 03/22/04

LAB REQUEST 123007 ✓

REPORTED 01/26/2004

RECEIVED 01/16/2004

PROJECT Station #049 ✓
3400 San Pablo Ave., Oakland

19 Wtr. 2004

SUBMITTER Client

COMMENTS Global ID: T0600101366

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

Order No.

491448
491449
491450
491451
491452
491453
491454

Client Sample Identification

TOC #049 MW-3
TOC #049 MW-5
TOC #049 MW-1
TOC #049 MW-7
TOC #049 MW-6
Trip Blank
Laboratory Method Blank

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

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 491448

Client: amp ID: TOC #049 MW-3

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 11:30

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	2.0	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	6.1	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	1510	50	250.0	0.03	ug/L	01/19/04 LZ
Toluene	2.2	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	7.8	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	96				%	70 - 130
8260B BTEX/MTBE Only						
Methyl-tert-butylether (MTBE)	767	1	1	0.18	ug/L	01/24/04 LB
8015M - Gasoline						
Gasoline	1160	1	50	15	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	96				%	55 - 200

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



Order #: 491449

Client ID: TOC #049 MW-5

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 15:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	8.2	1	5	0.03	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	91			%	70 - 130	
8260B BTEX/MTBE Only						
Methyl-tert-butylether (MTBE)	4.1	1	1	0.18	ug/L	01/24/04 LB
8015M - Gasoline						
Gasoline	ND	1	50	15	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	91			%	55 - 200	

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor

ND = Not detected below indicated MDL, J=Trace



Order #: 491451

Client Name: ID: TOC #049 MW-7

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 15:15

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	ND	1	5	0.03	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ

Surrogates		Units	Control Limits
a,a,a-Trifluorotoluene	88	%	70 - 130

8015M - Gasoline

Gasoline	ND	1	50	15	ug/L	01/19/04 LZ
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Surrogates		Units	Control Limits
a,a,a-Trifluorotoluene	88	%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor

ND = Not detected below indicated MDL, J=Trace



Order #: 491450

Client Sample ID: TOC #049 MW-1

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 15:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	ND	1	5	0.03	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	89			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	50	15	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	89			%	55 - 200	

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor

ND = Not detected below indicated MDL, J=Trace



Order #: 491452

Client Name: ID: TOC #049 MW-6

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 15:25

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	304	10	50.0	0.03	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	95			%	70 - 130	
8260B BTEX/MTBE Only						
Methyl-tert-butylether (MTBE)	180	1	1	0.18	ug/L	01/24/04 LB
8015M - Gasoline						
Gasoline	272	1	50	15	ug/L	01/19/04 LZ
Surrogates				Units	Control Limits	
a,a,a-Trifluorotoluene	95			%	55 - 200	

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



Order #: 491453

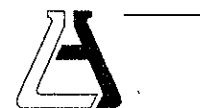
Client Sample ID: Trip Blank

Matrix: WATER

Date Sampled: 01/14/2004 Time Sampled: 15:00

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	90				%	70 - 130
8015M - Gasoline						
Gasoline	ND	1	50	15	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	90				%	55 - 200

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



Order #: 491454

Client: amf ID: Laboratory Method Blank

Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX + MTBE						
Benzene	ND	1	0.3	0.04	ug/L	01/19/04 LZ
Ethyl benzene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Methyl t - butyl ether	ND	1	5	0.03	ug/L	01/19/04 LZ
Toluene	ND	1	0.3	0.02	ug/L	01/19/04 LZ
Xylene (total)	ND	1	0.6	0.06	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	90				%	70 - 130
8260B BTEX/MTBE Only						
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	01/23/04 LB
8015M - Gasoline						
Gasoline	ND	1	50	15	ug/L	01/19/04 LZ
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene	90				%	55 - 200

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



ASSOCIATED LABORATORIES LAB REQUEST RESULTS SUMMARY

Client: Thrifty Oil Company
 Jeff Suryakusuma
 13116 Imperial Hwy.
 P.O. Box 2128
 Santa Fe Springs, CA 90670

Lab Request: 123007
 Date Received: 1/16/2004
 Print Date: 01/26/2004

Project: Station #049
 3400 San Pablo Ave., Oakland

Sample ID.	Gasoline	Benzene	Toluene	Ethyl benzene	Xylene (total)	MTBE	MTBE by EPA8260
Laboratory	ND	ND	ND	ND	ND	ND	ND
TOC #049 MW-1	ND	ND	ND	ND	ND	ND	
TOC #049 MW-3	1160 ug/L	2.0 ug/L	2.2 ug/L	6.1 ug/L	7.8 ug/L	1510 ug/L	767 ug/L
TOC #049 MW-5	ND	ND	ND	ND	ND	8.2 ug/L	4.1 ug/L
TOC #049 MW-6	272 ug/L	ND	ND	ND	ND	304 ug/L	180 ug/L
TOC #049 MW-7	ND	ND	ND	ND	ND	ND	
Trip Blank	ND	ND	ND	ND	ND		

ND = Not Detected
 Blank Field = Component not analyzed by this method.

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 01/19/04
 Analysis Date: 01/19/04-01/20/04
 LAB ID#'s in Batch: LR 123007, 123006, 123009

REPORTING UNITS = mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	PREP. BLK	LCS			LCSD	
		Value	Result	TRUE	%Rec	Result	%Rec
Benzene	8021	ND	23.4	20	117	23.9	120
Toluene	8021	ND	22.9	20	115	23.0	115
Ethylbenzene	8021	ND	22.4	20	112	22.5	113
Xylenes	8021	ND	65.4	60	109	65.3	109

LCS = Lab Control Sample Result
TRUE = True Value of LCS
L.LIMIT / H.LIMIT = LCS Control Limits

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	90
LCS	93
LCSD	97

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 01/19/04
 Analysis Date: 01/19/04-01/20/04
 ID#'s in Batch: LR 123007, 123006, 123009
 Reporting Units = mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

		PREP BLK						
		Value	Result	True	%Rec	L.Limit	H.Limit	
Test	Method	LCS	ND	522	500	104	80%	120%
TPH	8015M-G	LCSD	ND	507	500	101	80%	120%

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

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	90
LCS	146
LCSD	143

AAA-TFT = a,a,a-Trifluorotoluene

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

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 01/24/04

Applies to: LR 123007, 123009, 123049

Reporting Units = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	44.12	43.40	88	87	2	22	59-172
MTBE	ND	50	40.57	40.49	81	81	0	24	62-137
Benzene	ND	50	48.67	45.38	97	91	7	24	62-137
Trichloroethene	ND	50	47.84	46.99	96	94	2	21	66-142
Toluene	ND	50	45.70	45.49	91	91	0	21	59-139
Chlorobenzene	ND	50	46.74	45.85	93	92	2	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	91	100	99	110
LCSD	92	97	100	112
BLANK # 3	99	115	99	120

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

QC Sample: LCS/LCSD - Water Samples
 Analysis Date: 01/23/04
 Applies to: LR 123070, 122597, 123178, 123179, 123172, 123259, 123007
 Reporting Units = ug/L

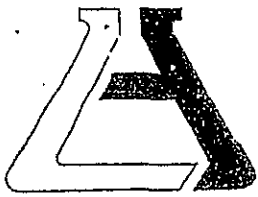
Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	50	45.86	49.12	92	98	7	22	59-172
MTBE	ND	50	44.38	46.56	89	93	5	24	62-137
Benzene	ND	50	48.43	51.23	97	102	6	24	62-137
Trichloroethene	ND	50	46.15	47.97	92	96	4	21	66-142
Toluene	ND	50	46.45	48.86	93	98	5	21	59-139
Chlorobenzene	ND	50	46.16	48.91	92	98	6	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS	93	97	97	114
LCSD	95	100	99	115
BLANK # 1	96	106	97	114
BLANK # 2	100	115	101	111



ASSOCIATED LABORATORIES

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

Cooler Receipt Form

Client: Thrujby oil Project: 049

Date Cooler Received: 1/16 Date Cooler Opened: 1/16

Was cooler scanned for presence of radioactivity? Yes/No
If yes was radioactivity results above 25 cpm? Yes/No

Was a shipper's packing slip attached to the cooler? Yes/No

If the cooler had custody seal(s), were they signed and intact? Yes/No/Na

Was the cooler packed with: Ice Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 2.3°C *

*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C? Yes/No

If no explain: _____

Were all samples sealed in plastic bags? Yes/No

Did all samples arrive intact? If no, indicate below. Yes/No

Were all samples labeled correctly? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers? Yes/No

Were any VOA vials received with head space? Yes/No/Na

Was the correct preservatives used? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Receiving Department: mw 1/16 Date: _____

Chain of Custody Record

123007 ✓

ASSOCIATED LABORATORIES

806 North Batavia ■ Orange, CA 92868

Phone: (714) 771-6900 ■ Fax: (714) 538-1209



Company THRIFTY OIL CO.		Phone (662) 921-3581		A.L. Job No.		Page _____ of _____																																																															
Project Manager JEFF BURY ARVUMAT		Fax (662) 921-7510		Analysis Requested				Test Instructions & Comments																																																													
Project Name Q. W. S.		Project # 049 ✓																																																																			
Site Name and Address 3400 SAN PABLO AVE OAKLAND, CA. 94612				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 20px;">TRH</td> <td style="width: 20px;">BTX</td> <td style="width: 20px;">*MTRF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				TRH	BTX	*MTRF								X	X	X								X	X	X								X	X	X								X	X	X								X	X									T0600101366	
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Sample ID	Lab ID	Date	Time					Matrix	Container Number/Size	Pres.																																																											
1 MW-3		01-14-04	11:30					H ₂ O	3 VOA	HCL	X	X	X																																																								
2 MW-5		↑	15:00					↑	↑	↑	X	X	X																																																								
3 MW-1		↑	15:05					↑	↑	↑	X	X	X																																																								
4 MW-7		↑	15:15					↑	↑	↑	X	X	X																																																								
5 MW-6		↑	15:25					↑	↑	↑	X	X	X																																																								
6 TRIP BLANK		↓	15:00					↓	2 VOA	↓	X	X																																																									
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Sample Receipt - To Be Filled By Laboratory				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers		17		Signature: THRIFTY		Signature: GOLDEN STATE		Signature:	
Custody Seals Y/N/NA		Y/N/NA		Printed Name: THRIFTY		Printed Name: OVERNIGHT		Printed Name:	
Received in Good Condition Y/N		Y/N		Date: 01-14-04 Time:		Date: Time:		Date: Time:	
Turn Around Time				Received By: 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal		<input type="checkbox"/> Rush		Signature: OVERNIGHT		Signature: OVERNIGHT		Signature:	
<input type="checkbox"/> Same Day		<input type="checkbox"/> 48 hrs.		Printed Name:		Printed Name: Overnight		Printed Name:	
<input type="checkbox"/> 24 hrs.		<input type="checkbox"/> 72 hrs.		Date: Time:		Date: 1/16 Time: 11:20		Date: 1-19-04 Time: 9:20	