

August 1, 2002

Mr. Harry Warner  
New York State Department of  
Environmental Conservation  
Region 7  
615 Erie Boulevard West  
Syracuse, New York 13204-2400

Re: Alaskan Oil – Altmar Site  
NYSDEC Spill #9614774

File: 639.002

Dear Mr. Warner,

Please find attached the Second Quarter 2002 Groundwater/Recovery System Monitoring Report for the Altmar, New York Alaskan Oil site. Please call if you have any questions regarding the report.

Very truly yours,

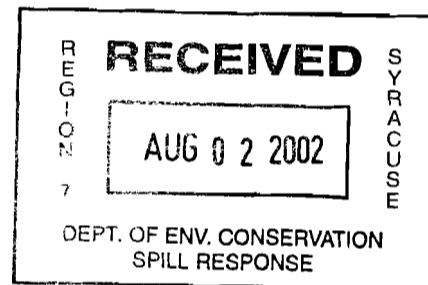
BARTON & LOGUIDICE, P.C.

*David R. Hann*

David R. Hann  
Senior Environmental Scientist

DRH/ges

cc: Jennifer Hull



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ALASKAN OIL, INC  
ROUTE 13 & CEMETERY STREET  
ALTMAR, NEW YORK

SPILL NO. 9614774

GROUNDWATER/SUPPLY WELL SYSTEM MONITORING REPORT

SECOND QUARTER 2002

(APRIL - JUNE)

PREPARED FOR

Alaskan Oil, Inc.  
2020 Lemoyne Street  
Syracuse, New York 13211

PREPARED BY

Barton & Loguidice, P.C.  
Consulting Engineers  
290 Elwood Davis Road  
Box 3107  
Syracuse, New York 13220

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## 1.0 INTRODUCTION

The following report presents the results of the Second Quarter 2002 groundwater sampling event at the Alaskan Oil, Inc. (AOI) property located at Route 13 and Cemetery Street in Altmar, New York. The site is identified as Index Number D7-0002-95-09 of the Multi-Site Response Program/Voluntary Cleanup Agreement, between AOI and the New York State Department of Environmental Conservation (NYSDEC). The Second Quarter sampling event fulfills the annual monitoring requirements as outlined in Section 5.0.

## 2.0 GROUNDWATER MONITORING

Prior to the collection of groundwater samples on June 26, 2002, the static water level of each monitoring well was gauged. Table 1 and Figure 1 illustrate the groundwater elevations based on the June static water levels. In general, groundwater appears to be flowing over a shallow gradient from east to west towards the wetland west of the site. However, some of the static water level data collected is influenced by the current remedial practice of the HIVAC extraction wells. Given the shallow gradient at the site and influence of the current remedial strategy, groundwater contours were not delineated on Figure 1.

Groundwater samples were collected from the monitoring wells and recovery well on June 26, 2002 by personnel from Barton & Loguidice, P.C. (B&L). The samples were submitted to Environmental Laboratory Services (ELS) for analysis of volatile petroleum hydrocarbons (EPA Method 8021). The recovery well (RW-1), and monitoring wells MW- 6, 10, 11 and 12 had volatile organic compounds (VOC's) in exceedence of DEC STARS Groundwater Standards. Monitoring location MW-1 could not be sampled due to minimal recharge. Figure 2 depicts the hydrocarbon isopleths based upon the Second Quarter groundwater monitoring, and Table 2 summarizes the detected VOC's. The complete laboratory reports are attached in Appendix A, and the historical groundwater quality data is available in Appendix B.

5.0 SAMPLING SCHEDULE

The following sampling schedule will continue to be adhered to:

Monthly

- Mini-mart supply well influent

Quarterly (March, June, September, December)

- Recovery well (RW-1) and monitoring wells (MW-1, 4-6, 8-12)

Annually (June)

- Monitoring wells (MW-2, 3 and 7)

**Table 1  
Water Level Elevation Data  
Alaskan Oil, Inc.  
Altmar Mini Mart  
Rt. 13 & Cemetary Road**

	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8		MW-9		MW-10		MW-11		MW-12	
Top of PVC Pipe Elevation	98.76		--		--		99.18		--		98.86		--		--		--		--		99.31		99.05	
Top of Screen Elevation	96.76		--		--		97.18		--		94.86		--		--		--		--		96.31		96.05	
Depth to Well Bottom	11.9		11.9		11.9		13.8		14.3		14.5		--		13.1		13.4		13.6		13.2		13.8	
DATE	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.	SWL	GW EL.
29-May-01	5.53	93.23	--	--	--	--	5.18	94.00	6.25	--	5.29	93.57	--	--	--	--	6.29	--	6.46	--	5.91	93.40	5.94	93.11
21-Aug-01	6.46	92.30	--	--	--	--	7.15	92.03	7.08	--	6.22	92.64	--	--	--	--	7.18	--	7.46	--	7.38	91.93	6.92	92.13
19-Dec-01	6.08	92.68	--	--	--	--	--	--	6.58	--	5.50	93.36	--	--	--	--	6.45	--	6.70	--	6.70	92.61	6.19	92.86
19-Feb-02	5.67	93.09	--	--	--	--	--	--	--	--	5.36	93.50	--	--	5.88	--	6.27	--	6.58	--	--	--	6.17	92.88
26-Jun-02	5.51	93.25	5.41	--	4.15	--	5.45	93.73	6.35	--	5.60	93.26	5.07	--	6.11	--	6.35	--	6.80	--	6.00	93.31	6.10	92.95

**Notes**  
 SWL = Static water level  
 GW El. = Groundwater elevation  
 \*Bench Mark Resurveyed 5/29/01 (Located at Southwest Corner of Building)

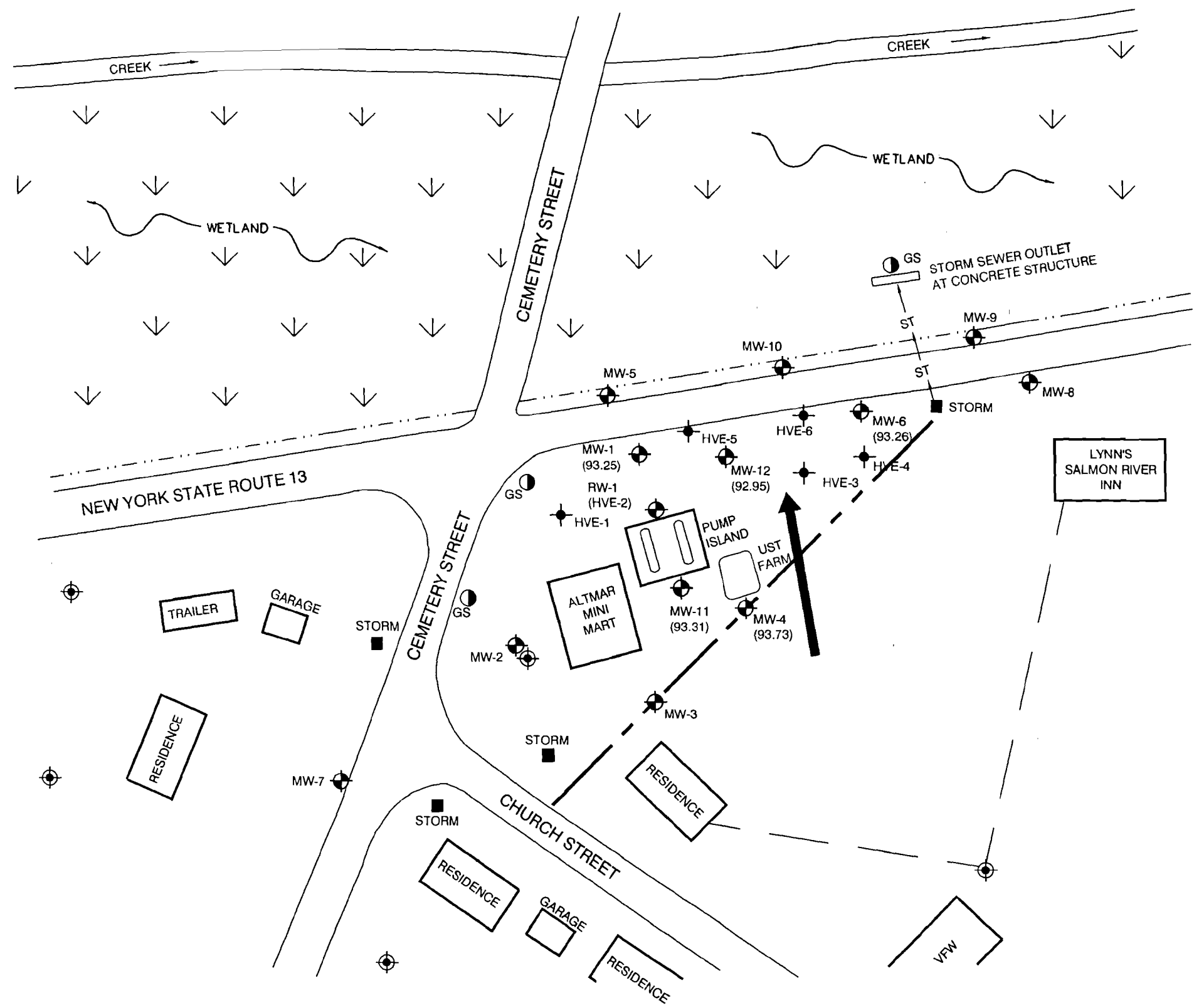
DRH: 639.004



**Table 2**  
**Monitoring Well Data (Detected Compounds Only)**  
**Alaskan Oil, Inc.**  
**Altmar Mini Mart**  
**Rt. 13 & Cemetary Road**

Detected Compounds	NYSDEC Groundwater Standards (ppb)*	Third Quarter 2001 (Results in ug/l) June 26, 2002												
		RW-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12
<b>Full EPA 8021</b>		DRY												
Benzene	1.0	1,010	--	<1	<1	<1	<1	57.0	<1	<1	<1	230	<50	5,240
Toluene	5.0	2,280	--	<1	<1	<1	<1	15.3	<1	<1	<1	10,300	281	17,300
Ethylbenzene	5.0	113	--	<1	<1	<1	3.1	4.6	<1	<1	<1	730	693	2,020
Total Xylenes	5.0	2,322	--	<1	<1	<1	4.4	7.3	<1	<1	<1	3,540	1,056	3,350
Isopropylbenzene	5.0	<50	--	<1	<1	<1	<1	<1	<1	<1	<1	<500	<50	<200
n-Propylbenzene	5.0	<50	--	<1	<1	<1	3.6	<1	<1	<1	<1	<500	<50	<200
1,3,5-Trimethylbenzene	5.0	26	--	<1	<1	<1	<1	<1	<1	<1	<1	680	127	492
1,2,4-Trimethylbenzene	5.0	377	--	<1	<1	<1	<1	<1	<1	<1	<1	880	330	900
n-Butylbenzene	5.0	<50	--	<1	<1	<1	<1	<1	<1	<1	<1	<500	<50	<200
Napthalene	10.0	209	--	<1	<1	<1	<1	<1	<1	<1	<1	150	251	2,130
MTBE	10.0	<50	--	<1	<1	<1	<1	<1	<1	<1	<1	<500	<50	<200
<b>BTEX</b>	--	6,025	--	ND	ND	ND	7.5	84.2	ND	ND	ND	36,800	4,030	37,910

**Notes**  
 \*NYSDEC Guidance Values from June 1998 Memo  
 ug/l = part per billion  
 [shaded] = Above DEC Guidance Values  
 ND = None Detected



**LEGEND:**

- GS - GEOPROBE
- STORM CATCH BASIN
- MW-1 (92.29) - MONITORING WELL/  
GROUNDWATER ELEVATION  
(6/26/02)
- DRINKING WATER WELL
- HVE - HIGH VACUUM EXTRACTION WELL
- ST - STORM SEWER LINE  
WITH FLOW DIRECTION
- PROPERTY BOUNDARY
- DRINKING WATER  
SUPPLY LINE
- GENERALIZED GROUNDWATER FLOW  
DIRECTION

APPROXIMATE SCALE: 1:50'

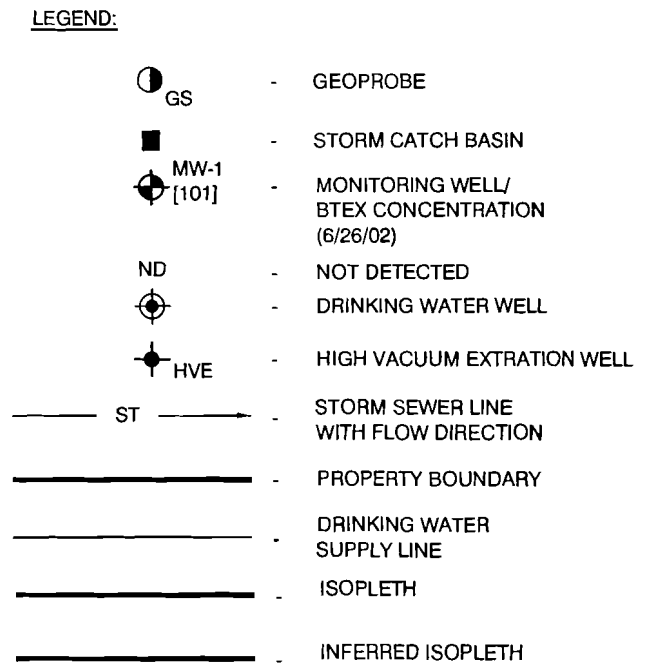
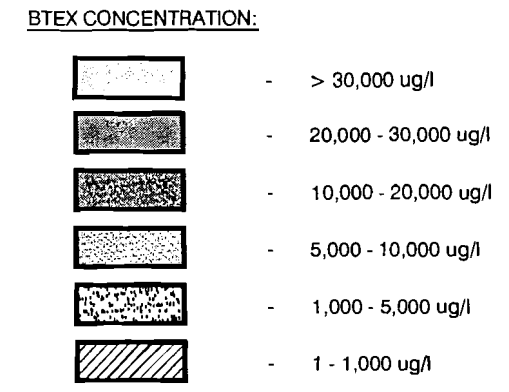
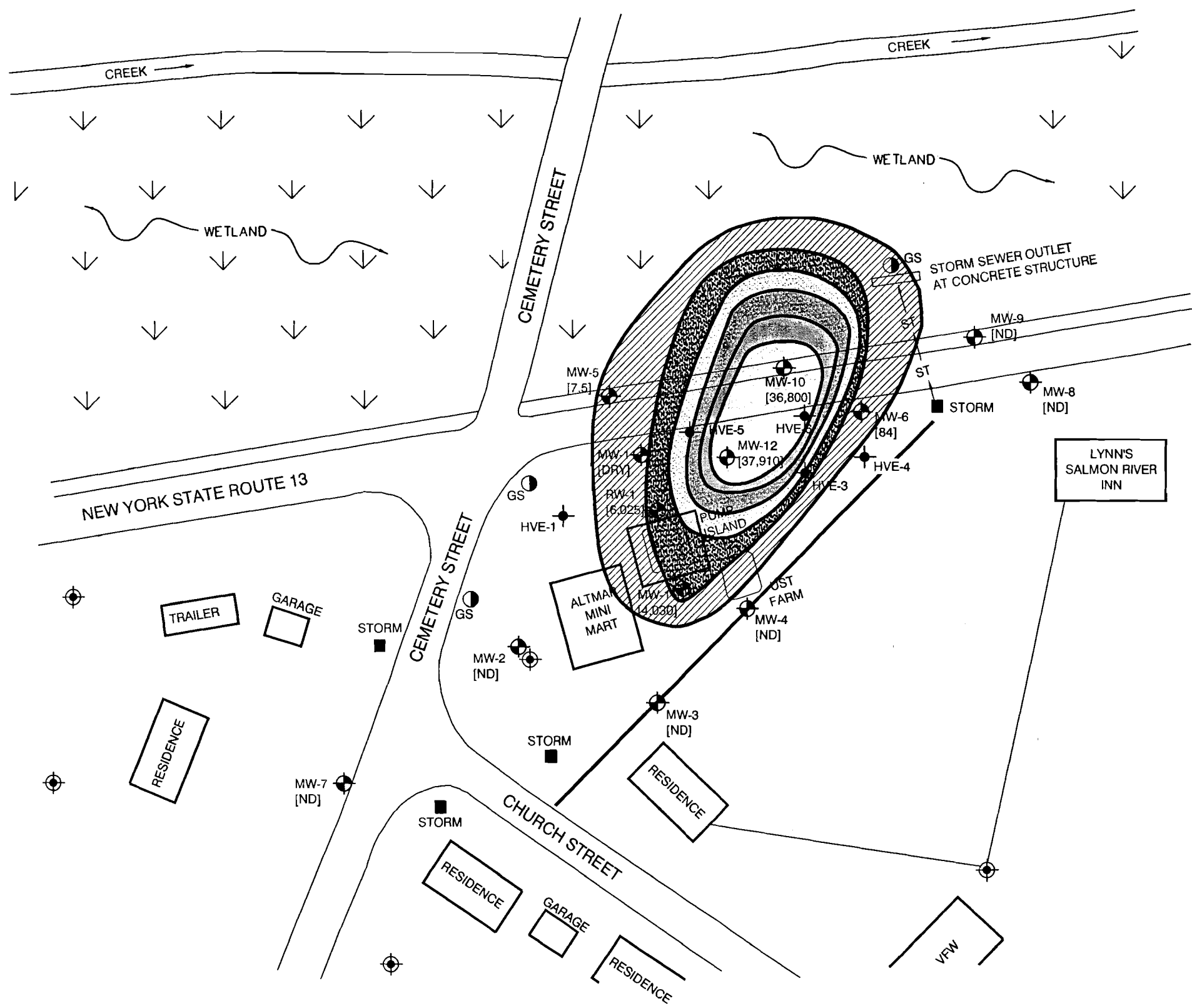
**Barton**  
**Loguidice, P.C.**  
*Consulting Engineers*  
200 Elwood Davis Road / Box 3107, Syracuse, New York 13220

ALASKAN OIL, INC.  
ROUTE 13 AND CEMETERY STREET  
**SITE MAP &  
GROUNDWATER ELEVATIONS**  
JUNE 2002  
ALTMAR NEW YORK

Figure  
**1**  
Project No.  
639.002



T:\Shd\red\600\639002\F2\june\_02.dwg, 07/26/2002 02:30:10 PM, mk



APPROXIMATE SCALE: 1:50'

**Barton**  
**Loguidice, P.C.**  
*Consulting Engineers*  
 290 Elwood Davis Road / Box 3107, Syracuse, New York 13220

ALASKAN OIL, INC.  
 ROUTE 13 AND CEMETERY STREET  
**BTEX ISOPLETH**  
**JUNE 2002**  
 ALTMAR NEW YORK

Figure  
 2  
 Project No.  
 639.002

**APPENDIX A**

**LABORATORY REPORTS**



**Environmental**  
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212  
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

Certified in:  
• Connecticut  
• Delaware  
• Maryland  
• Massachusetts  
• New Hampshire  
• New Jersey  
• New York  
• Pennsylvania  
• Rhode Island

ALASKAN OIL  
2020 Lemoyne Street  
PO Box 69  
Syracuse, NY 13211  
ATTN: Mr. Scott Blake

PROJECT #: 200770  
RECEIVED: 04/23/2002

Site Address:  
ALTMAR

PO#: AOI-672  
SPILL#:  
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 320607	CLIENT SAMPLE ID: INFLUENT			DATE SAMPLED: 04/23/02	
Volatile - 502.2					
1,1,1,2-Tetrachloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1,1-Trichloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1,2,2-Tetrachloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1,2-Trichloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1-Dichloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1-Dichloroethene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,1-Dichloropropene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2,3-Trichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2,3-Trichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2,4-Trichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2,4-Trimethylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3,5-Trimethylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,4-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
2,2-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
2-Chlorotoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
4-Chlorotoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
4-Isopropyltoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Benzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromochloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromodichloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromoform	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromomethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Carbon tetrachloride	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO

ALASKAN OIL  
 2020 Lemoyne Street  
 PO Box 69  
 Syracuse, NY 13211  
 ATTN: Mr. Scott Blake

PROJECT #: 200770  
 RECEIVED: 04/23/2002

Site Address:  
 ALTMAR

PO#: AOI-672  
 SPILL#:  
 CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
<b>SAMPLE #: 320608</b>	<b>CLIENT SAMPLE ID:</b>	<b>TRIP BLANK</b>		<b>DATE SAMPLED:</b>	<b>04/23/02</b>
Volatile - 502.2					KHO
1,2,4-Trimethylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,2-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3,5-Trimethylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,3-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
1,4-Dichlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
2,2-Dichloropropane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
2-Chlorotoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
4-Chlorotoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
4-Isopropyltoluene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Benzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromochloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromodichloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromoform	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Bromomethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Carbon tetrachloride	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chlorobenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chloroethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chloroform	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Chloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Cis-1,2-Dichloroethene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Cis-1,3-Dichloropropene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Dibromochloromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Dibromomethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Dichlorodifluoromethane	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Ethylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Hexachlorobutadiene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Isopropylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
M+P Xylene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Methylene chloride	<0.5	UG/L	05/01/02	EPA 524.2	KHO
MTBE	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Naphthalene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
N-Butylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
N-Propylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
O-Xylene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Sec-Butylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Styrene	<0.5	UG/L	05/01/02	EPA 524.2	KHO
Tert-Butylbenzene	<0.5	UG/L	05/01/02	EPA 524.2	KHO



**CHAIN OF CUSTODY RECORD  
and Authorization for Analysis**

Name: Darik M. Jordan  
Company: Barton & Loguidice, P.C.  
Address: 290 Elwood Davis  
City, State, Zip: Syracuse, NY 13220

Title: Asst. Env. Scientist  
Dept: AITMER  
Lab/PO No. A01-672

The following services may result in additional charges:

- Telephone Results \_\_\_\_\_ Telephone No. \_\_\_\_\_
- Fax Results \_\_\_\_\_ Fax No. \_\_\_\_\_
- Advance Agreement Required  1 Week  48 Hour

To be completed by Sampler. Please remember to record this information on the container label.

ELS Number: 320607 Date: 4/23/02 Time: 14:15

Sampling Location: H2O InF. Matrix: H2O Tip Blank

ELs Number	Date	Time	Comp.	Grab	Matrix	Sampling Location	Number of Containers	Container Type/Preservative														
								Plastic/No Preservatives	Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>	Other: (specify)					
320608	4/23/02	14:15	-	X	H2O	Tip Blank	1														X	SO2 & M+SE

Containers Dispensed by:			Date	Time	Container(s) Received by:	Date	Time

Sampler Signature: *Darik M. Jordan*  
 Relinquished by: *Darik M. Jordan*  
 Your signature authorizes ELS to analyze the sample(s) as indicated.  
 Date: 4/23/02 Time: 15:25  
 Received at Lab by: *Kathryn Atwood*  
**White - LABORATORY**  
 Please return completed form and all sample containers to Environmental Laboratory Services.  
**Canary ACCOMPANIES RESULTS**  
 Pink - CLIENT  
 Date: 4/23/02 Time: 15:25  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_



**Environmental**  
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212  
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667



ALASKAN OIL  
2020 Lemoyne Street  
PO Box 69  
Syracuse, NY 13211  
ATTN: Mr. Scott Blake

PROJECT #: 201090  
RECEIVED: 05/28/2002

Site Address:  
ALTMAR MINI-MART

PO#: AOI-696  
SPILL#:  
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 322272	CLIENT SAMPLE ID:	INFLUENT		DATE SAMPLED:	05/28/02
Volatile - 502.2					
1,1,1,2-tetrachloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1,1-trichloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1,2,2-tetrachloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1,2-trichloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1-dichloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1-dichloroethene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,1-dichloropropene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2,3-trichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2,3-trichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2,4-trichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2,4-trimethylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2-dichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2-dichloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3,5-trimethylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3-dichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,4-dichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
2,2-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
2-chlorotoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
4-chlorotoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
4-isopropyltoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
benzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromochloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromodichloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromoform	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromomethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
carbon tetrachloride	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chloroform	<0.500	UG/L	06/04/02	EPA 524.2	KHO

ALASKAN OIL  
 2020 Lemoyne Street  
 PO Box 69  
 Syracuse, NY 13211  
 ATTN: Mr. Scott Blake

PROJECT #: 201090  
 RECEIVED: 05/28/2002

Site Address:  
 ALTMAR MINI-MART

PO#: AOI-696  
 SPILL#:  
 CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 322273	CLIENT SAMPLE ID:	TRIP BLANK		DATE SAMPLED:	05/28/02
Volatile - 502.2					
1,2-dichloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,2-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3,5-trimethylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3-dichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,3-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
1,4-dichlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
2,2-dichloropropane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
2-chlorotoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
4-chlorotoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
4-isopropyltoluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
benzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromochloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromodichloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromoform	<0.500	UG/L	06/04/02	EPA 524.2	KHO
bromomethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
carbon tetrachloride	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chlorobenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chloroethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chloroform	<0.500	UG/L	06/04/02	EPA 524.2	KHO
chloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
cis-1,2-dichloroethene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
cis-1,3-dichloropropene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
dibromochloromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
dibromomethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
dichlorodifluoromethane	<0.500	UG/L	06/04/02	EPA 524.2	KHO
ethylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
hexachlorobutadiene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
isopropylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
methylene chloride	<0.500	UG/L	06/04/02	EPA 524.2	KHO
mtbe	<0.500	UG/L	06/04/02	EPA 524.2	KHO
naphthalene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
n-butylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
n-propylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
sec-butylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
styrene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
tert-butylbenzene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
tetrachloroethene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
toluene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
trans-1,2-dichloroethene	<0.500	UG/L	06/04/02	EPA 524.2	KHO
trans-1,3-dichloropropene	<0.500	UG/L	06/04/02	EPA 524.2	KHO





# Environmental LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212  
(315) 458-8033 FAX (315) 458-0249 (800) 843-8265

## CHAIN OF CUSTODY RECORD and Authorization for Analysis

Bill to Alaskan Oil

Name <u>Darik M. Jordan</u>		Title <u>Asst. Env. Scientist</u>		Container Type/Preservative										Analyses Required, Remarks, and/or Special Instructions			
Company <u>Barton &amp; Loguidice, P.C.</u>		Dept. <u>Altmer Mini-Mart</u>		Number of Containers	Plastic/No Preservatives	Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>		Other: (specify) <u>40ml Glass w/HCl</u>		
Address <u>240 Elwood Davis</u>		Job/PO No. <u>AOI-646</u>															
City, State, Zip <u>Syracuse, NY 13220</u>																	
The following services may result in additional charges:				Express Service													
<input type="checkbox"/> Telephone Results		Telephone No. _____		Advance Agreement Required													
<input type="checkbox"/> Fax Results		Fax No. _____		<input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour													
ELS Number	To be completed by Sampler. Please remember to record this information on the container label.						Number of Containers	Plastic/No Preservatives	Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>	Other: (specify) <u>40ml Glass w/HCl</u>
	*Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location											
<u>322272</u>	<u>5/28/02</u>	<u>15:50</u>		<u>X</u>	<u>H<sub>2</sub>O</u>	<u>I.A.F.</u>	<u>2</u>										<u>502.2 + M+BE</u>
<u>322273</u>	<u>↓</u>	<u>-</u>		<u>X</u>	<u>↓</u>	<u>Trip Blank</u>	<u>1</u>										<u>↓</u>

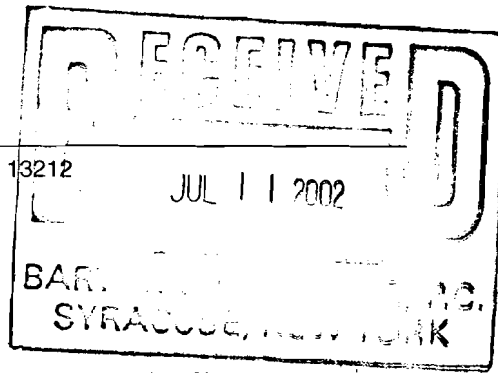
Containers Dispensed by:	Date	Time	Container(s) Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Your signature authorizes ELS to analyze the sample(s) as indicated.	Date	Time	Received at Lab by:	Date	Time
Relinquished by: <u>Darik M. Jordan</u>	<u>5/28/02</u>	<u>16:50</u>	<u>16. Hunko</u>	<u>5/28/02</u>	<u>16:50</u>
Sampler Signature: <u>Darik M. Jordan</u>	White - LABORATORY		Canary - ACCOMPANIES RESULTS		Pink - CLIENT
Please return completed form and all sample containers to Environmental Laboratory Services			1701 2217 ELS 202 0310		





**Environmental**  
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212  
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667



- Connecticut
- Delaware
- Maryland
- Massachusetts
- New Hampshire
- New Jersey
- New York
- Pennsylvania
- Rhode Island

ALASKAN OIL  
2020 Lemoyne Street  
P.O. Box 69  
Syracuse, NY 13211  
ATTN: Ms. Jennifer Hall

PROJECT #: 201406  
RECEIVED: 06/26/2002

Site Address:  
AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324139	CLIENT SAMPLE ID:	RW-1			
				DATE SAMPLED:	06/26/02
Volatile - 8021					
1,1,1,2-tetrachloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1,1-trichloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1,2-trichloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1-dichloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1-dichloroethene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,1-dichloropropene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2,3-trichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2,3-trichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2,4-trichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2,4-trimethylbenzene	377	UG/L	07/08/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dibromoethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,3,5-trimethylbenzene	126	UG/L	07/08/02	EPA 8260	SWE
1,3-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,3-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,4-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
2,2-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
2-chlorotoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
4-chlorotoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
4-isopropyltoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
benzene	1010	UG/L	07/08/02	EPA 8260	SWE
bromobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromochloromethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromodichloromethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromoform	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromomethane	<250	UG/L	07/08/02	EPA 8260	SWE
carbon tetrachloride	<50.0	UG/L	07/08/02	EPA 8260	SWE
chlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE

ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324140		CLIENT SAMPLE ID: MW-2	DATE SAMPLED: 06/26/02		
Volatile - 8021					
1,2,4-trichlorobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2,4-trimethylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2-dibromoethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2-dichlorobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloroethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloropropane	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,3,5-trimethylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,3-dichlorobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,3-dichloropropane	<1.00	UG/L	07/08/02	EPA 8260	SWE
1,4-dichlorobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
2,2-dichloropropane	<1.00	UG/L	07/08/02	EPA 8260	SWE
2-chlorotoluene	<1.00	UG/L	07/08/02	EPA 8260	SWE
4-chlorotoluene	<1.00	UG/L	07/08/02	EPA 8260	SWE
4-isopropyltoluene	<1.00	UG/L	07/08/02	EPA 8260	SWE
benzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
bromobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
bromochloromethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
bromodichloromethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
bromoform	<1.00	UG/L	07/08/02	EPA 8260	SWE
bromomethane	<5.00	UG/L	07/08/02	EPA 8260	SWE
carbon tetrachloride	<1.00	UG/L	07/08/02	EPA 8260	SWE
chlorobenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
chloroethane	<5.00	UG/L	07/08/02	EPA 8260	SWE
chloroform	<1.00	UG/L	07/08/02	EPA 8260	SWE
chloromethane	<5.00	UG/L	07/08/02	EPA 8260	SWE
cis-1,2-dichloroethene	<1.00	UG/L	07/08/02	EPA 8260	SWE
cis-1,3-dichloropropene	<0.500	UG/L	07/08/02	EPA 8260	SWE
dibromochloromethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
dibromomethane	<1.00	UG/L	07/08/02	EPA 8260	SWE
dichlorodifluoromethane	<5.00	UG/L	07/08/02	EPA 8260	SWE
ethylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
hexachlorobutadiene	<1.00	UG/L	07/08/02	EPA 8260	SWE
isopropylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
methylene chloride	<1.00	UG/L	07/08/02	EPA 8260	SWE
mtbe	<1.00	UG/L	07/08/02	EPA 8260	SWE
naphthalene	<1.00	UG/L	07/08/02	EPA 8260	SWE
n-butylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
n-propylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
sec-butylbenzene	<1.00	UG/L	07/08/02	EPA 8260	SWE
styrene	<1.00	UG/L	07/08/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324141		CLIENT SAMPLE ID: MW-3	DATE SAMPLED: 06/26/02		
Volatile - 8021					
bromodichloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromoform	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromomethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
carbon tetrachloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
chlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloroethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
chloroform	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
dibromochloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dibromomethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dichlorodifluoromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
ethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
hexachlorobutadiene	<1.00	UG/L	07/05/02	EPA 8260	SWE
isopropylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
methylene chloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
mtbe	<1.00	UG/L	07/05/02	EPA 8260	SWE
naphthalene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-propylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
sec-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
styrene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tert-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tetrachloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
toluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
trichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trichlorofluoromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
vinyl chloride	<2.00	UG/L	07/05/02	EPA 8260	SWE
xylene, m+p	<1.00	UG/L	07/05/02	EPA 8260	SWE
xylene, o	<1.00	UG/L	07/05/02	EPA 8260	SWE

SAMPLE #: 324142		CLIENT SAMPLE ID: MW-4	DATE SAMPLED: 06/26/02		
Volatile - 8021					
1,1,1,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,1-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324142 CLIENT SAMPLE ID: MW-4				DATE SAMPLED: 06/26/02	
Volatile - 8021					
naphthalene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-propylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
sec-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
styrene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tert-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tetrachloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
toluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
trichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trichlorofluoromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
vinyl chloride	<2.00	UG/L	07/05/02	EPA 8260	SWE
xylene, m+p	<1.00	UG/L	07/05/02	EPA 8260	SWE
xylene, o	<1.00	UG/L	07/05/02	EPA 8260	SWE
SAMPLE #: 324143 CLIENT SAMPLE ID: MW-5				DATE SAMPLED: 06/26/02	
Volatile - 8021					
1,1,1,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,1-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloropropene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromoethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3,5-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,4-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
2,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
2-chlorotoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324144	CLIENT SAMPLE ID:	MW-6	DATE SAMPLED:	06/26/02	
1,1,1,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,1-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloropropene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromoethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3,5-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,4-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
2,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
2-chlorotoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
4-chlorotoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
4-isopropyltoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
benzene	57.0	UG/L	07/05/02	EPA 8260	SWE
bromobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromochloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromodichloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromoform	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromomethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
carbon tetrachloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
chlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloroethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
chloroform	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
dibromochloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dibromomethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dichlorodifluoromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
ethylbenzene	4.62	UG/L	07/05/02	EPA 8260	SWE
hexachlorobutadiene	<1.00	UG/L	07/05/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324145	CLIENT SAMPLE ID: MW-7			DATE SAMPLED: 06/26/02	
Volatile - 8021					
1,4-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
2,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
2-chlorotoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
4-chlorotoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
4-isopropyltoluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
benzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromochloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromodichloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromoform	<1.00	UG/L	07/05/02	EPA 8260	SWE
bromomethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
carbon tetrachloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
chlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloroethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
chloroform	<1.00	UG/L	07/05/02	EPA 8260	SWE
chloromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
cis-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
dibromochloromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dibromomethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
dichlorodifluoromethane	<5.00	UG/L	07/05/02	EPA 8260	SWE
ethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
hexachlorobutadiene	<1.00	UG/L	07/05/02	EPA 8260	SWE
isopropylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
methylene chloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
mtbe	<1.00	UG/L	07/05/02	EPA 8260	SWE
naphthalene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-propylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
sec-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
styrene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tert-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tetrachloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
toluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
trichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trichlorofluoromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
vinyl chloride	<2.00	UG/L	07/05/02	EPA 8260	SWE
xylene, m+p	<1.00	UG/L	07/05/02	EPA 8260	SWE
xylene, o	<1.00	UG/L	07/05/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324146		CLIENT SAMPLE ID: MW-8	DATE SAMPLED: 06/26/02		
Volatile - 8021					
ethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
hexachlorobutadiene	<1.00	UG/L	07/05/02	EPA 8260	SWE
isopropylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
methylene chloride	<1.00	UG/L	07/05/02	EPA 8260	SWE
mtbe	<1.00	UG/L	07/05/02	EPA 8260	SWE
naphthalene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
n-propylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
sec-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
styrene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tert-butylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
tetrachloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
toluene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,2-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trans-1,3-dichloropropene	<0.500	UG/L	07/05/02	EPA 8260	SWE
trichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
trichlorofluoromethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
vinyl chloride	<2.00	UG/L	07/05/02	EPA 8260	SWE
xylene, m+p	<1.00	UG/L	07/05/02	EPA 8260	SWE
xylene, o	<1.00	UG/L	07/05/02	EPA 8260	SWE

SAMPLE #: 324147		CLIENT SAMPLE ID: MW-9	DATE SAMPLED: 06/26/02		
Volatile - 8021					
1,1,1,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,1-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1,2-trichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloroethene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,1-dichloropropene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,3-trichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2,4-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dibromoethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichlorobenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloroethane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,2-dichloropropane	<1.00	UG/L	07/05/02	EPA 8260	SWE
1,3,5-trimethylbenzene	<1.00	UG/L	07/05/02	EPA 8260	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324147	CLIENT SAMPLE ID: MW-9			DATE SAMPLED: 06/26/02	
Volatile - 8021					
xylene, m+p	<1.00	UG/L	07/05/02	EPA 8260	SWE
xylene, o	<1.00	UG/L	07/05/02	EPA 8260	SWE
SAMPLE #: 324148	CLIENT SAMPLE ID: MW-10			DATE SAMPLED: 06/26/02	
Volatile - 8021					
1,1,1,2-tetrachloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,1,1-trichloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,1,2-trichloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,1-dichloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,1-dichloroethene	<500	UG/L	07/09/02	EPA 8260	SWE
1,1-dichloropropene	<500	UG/L	07/09/02	EPA 8260	SWE
1,2,3-trichlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
1,2,3-trichloropropane	<500	UG/L	07/09/02	EPA 8260	SWE
1,2,4-trichlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
1,2,4-trimethylbenzene	1880	UG/L	07/09/02	EPA 8260	SWE
1,2-dibromo-3-chloropropane	<500	UG/L	07/09/02	EPA 8260	SWE
1,2-dibromoethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,2-dichlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
1,2-dichloroethane	<500	UG/L	07/09/02	EPA 8260	SWE
1,2-dichloropropane	<500	UG/L	07/09/02	EPA 8260	SWE
1,3,5-trimethylbenzene	680	UG/L	07/09/02	EPA 8260	SWE
1,3-dichlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
1,3-dichloropropane	<500	UG/L	07/09/02	EPA 8260	SWE
1,4-dichlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
2,2-dichloropropane	<500	UG/L	07/09/02	EPA 8260	SWE
2-chlorotoluene	<500	UG/L	07/09/02	EPA 8260	SWE
4-chlorotoluene	<500	UG/L	07/09/02	EPA 8260	SWE
4-isopropyltoluene	<500	UG/L	07/09/02	EPA 8260	SWE
benzene	1230	UG/L	07/09/02	EPA 8260	SWE
bromobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
bromochloromethane	<500	UG/L	07/09/02	EPA 8260	SWE
bromodichloromethane	<500	UG/L	07/09/02	EPA 8260	SWE
bromoform	<500	UG/L	07/09/02	EPA 8260	SWE
bromomethane	<2500	UG/L	07/09/02	EPA 8260	SWE
carbon tetrachloride	<500	UG/L	07/09/02	EPA 8260	SWE
chlorobenzene	<500	UG/L	07/09/02	EPA 8260	SWE
chloroethane	<2500	UG/L	07/09/02	EPA 8260	SWE
chloroform	<500	UG/L	07/09/02	EPA 8260	SWE
chloromethane	<2500	UG/L	07/09/02	EPA 8260	SWE





ALASKAN OIL  
 290 Elwood Davis Road  
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 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
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Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324149	CLIENT SAMPLE ID: MW-11			DATE SAMPLED: 06/26/02	
Volatile - 8021					
1,2-dibromoethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloroethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,2-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,3,5-trimethylbenzene	121	UG/L	07/08/02	EPA 8260	SWE
1,3-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,3-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
1,4-dichlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
2,2-dichloropropane	<50.0	UG/L	07/08/02	EPA 8260	SWE
2-chlorotoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
4-chlorotoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
4-isopropyltoluene	<50.0	UG/L	07/08/02	EPA 8260	SWE
benzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromochloromethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromodichloromethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromoform	<50.0	UG/L	07/08/02	EPA 8260	SWE
bromomethane	<250	UG/L	07/08/02	EPA 8260	SWE
carbon tetrachloride	<50.0	UG/L	07/08/02	EPA 8260	SWE
chlorobenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
chloroethane	<250	UG/L	07/08/02	EPA 8260	SWE
chloroform	<50.0	UG/L	07/08/02	EPA 8260	SWE
chloromethane	<250	UG/L	07/08/02	EPA 8260	SWE
cis-1,2-dichloroethene	<50.0	UG/L	07/08/02	EPA 8260	SWE
cis-1,3-dichloropropene	<25.0	UG/L	07/08/02	EPA 8260	SWE
dibromochloromethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
dibromomethane	<50.0	UG/L	07/08/02	EPA 8260	SWE
dichlorodifluoromethane	<250	UG/L	07/08/02	EPA 8260	SWE
ethylbenzene	693	UG/L	07/08/02	EPA 8260	SWE
hexachlorobutadiene	<50.0	UG/L	07/08/02	EPA 8260	SWE
isopropylbenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
methylene chloride	<50.0	UG/L	07/08/02	EPA 8260	SWE
mtbe	<50.0	UG/L	07/08/02	EPA 8260	SWE
naphthalene	251	UG/L	07/08/02	EPA 8260	SWE
n-butylbenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
n-propylbenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
sec-butylbenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
styrene	<50.0	UG/L	07/08/02	EPA 8260	SWE
tert-butylbenzene	<50.0	UG/L	07/08/02	EPA 8260	SWE
tetrachloroethene	<50.0	UG/L	07/08/02	EPA 8260	SWE
toluene	281	UG/L	07/08/02	EPA 8260	SWE



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PROJECT #: 201406  
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Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324150	CLIENT SAMPLE ID:	MW-12		DATE SAMPLED:	06/26/02
Volatile - 8021					
carbon tetrachloride	<200	UG/L	07/09/02	EPA 8260	SWE
chlorobenzene	<200	UG/L	07/09/02	EPA 8260	SWE
chloroethane	<1000	UG/L	07/09/02	EPA 8260	SWE
chloroform	<200	UG/L	07/09/02	EPA 8260	SWE
chloromethane	<1000	UG/L	07/09/02	EPA 8260	SWE
cis-1,2-dichloroethene	<200	UG/L	07/09/02	EPA 8260	SWE
cis-1,3-dichloropropene	<100	UG/L	07/09/02	EPA 8260	SWE
dibromochloromethane	<200	UG/L	07/09/02	EPA 8260	SWE
dibromomethane	<200	UG/L	07/09/02	EPA 8260	SWE
dichlorodifluoromethane	<1000	UG/L	07/09/02	EPA 8260	SWE
ethylbenzene	2020	UG/L	07/09/02	EPA 8260	SWE
hexachlorobutadiene	<200	UG/L	07/09/02	EPA 8260	SWE
isopropylbenzene	<200	UG/L	07/09/02	EPA 8260	SWE
methylene chloride	<200	UG/L	07/09/02	EPA 8260	SWE
mtbe	<200	UG/L	07/09/02	EPA 8260	SWE
naphthalene	2130	UG/L	07/09/02	EPA 8260	SWE
n-butylbenzene	<200	UG/L	07/09/02	EPA 8260	SWE
n-propylbenzene	<200	UG/L	07/09/02	EPA 8260	SWE
sec-butylbenzene	<200	UG/L	07/09/02	EPA 8260	SWE
styrene	<200	UG/L	07/09/02	EPA 8260	SWE
tert-butylbenzene	<200	UG/L	07/09/02	EPA 8260	SWE
tetrachloroethene	<200	UG/L	07/09/02	EPA 8260	SWE
toluene	17300	UG/L	07/09/02	EPA 8260	SWE
trans-1,2-dichloroethene	<200	UG/L	07/09/02	EPA 8260	SWE
trans-1,3-dichloropropene	<100	UG/L	07/09/02	EPA 8260	SWE
trichloroethene	<200	UG/L	07/09/02	EPA 8260	SWE
trichlorofluoromethane	<200	UG/L	07/09/02	EPA 8260	SWE
vinyl chloride	<400	UG/L	07/09/02	EPA 8260	SWE
xylene, m+p	9510	UG/L	07/09/02	EPA 8260	SWE
xylene, o	3840	UG/L	07/09/02	EPA 8260	SWE

SAMPLE #: 324151	CLIENT SAMPLE ID:	MINI-MART INFLUENT		DATE SAMPLED:	06/26/02
Volatile - 502.2					
1,1,1,2-tetrachloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,1-trichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,2,2-tetrachloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,2-trichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloroethene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloropropene	<0.500	UG/L	07/01/02	EPA 524.2	SWE



ALASKAN OIL  
 290 Elwood Davis Road  
 Box 3107  
 Syracuse, NY 13220  
 ATTN: Mr. Darik Jordan

PROJECT #: 201406  
 RECEIVED: 06/26/2002

Site Address:  
 AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 324151    CLIENT SAMPLE ID: MINI-MART INFLUENT				DATE SAMPLED: 06/26/02	
Volatile - 502.2					
tert-butylbenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
tetrachloroethene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
toluene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
trans-1,2-dichloroethene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
trans-1,3-dichloropropene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
trichloroethene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
trichlorofluoromethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
vinyl chloride	<0.500	UG/L	07/01/02	EPA 524.2	SWE
xylene, m+p	<1.00	UG/L	07/01/02	EPA 524.2	SWE
xylene, o	<0.500	UG/L	07/01/02	EPA 524.2	SWE
SAMPLE #: 324152    CLIENT SAMPLE ID: TRIP BLANK				DATE SAMPLED:	
Volatile - 502.2					
1,1,1,2-tetrachloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,1-trichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,2,2-tetrachloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1,2-trichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloroethene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,1-dichloropropene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2,3-trichlorobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2,3-trichloropropane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2,4-trichlorobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2,4-trimethylbenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2-dichlorobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2-dichloroethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,2-dichloropropane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,3,5-trimethylbenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,3-dichlorobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,3-dichloropropane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
1,4-dichlorobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
2,2-dichloropropane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
2-chlorotoluene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
4-chlorotoluene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
4-isopropyltoluene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
benzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
bromobenzene	<0.500	UG/L	07/01/02	EPA 524.2	SWE
bromochloromethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
bromodichloromethane	<0.500	UG/L	07/01/02	EPA 524.2	SWE
bromoform	<0.500	UG/L	07/01/02	EPA 524.2	SWE



ALASKAN OIL  
2020 Lemoyne Street  
P.O. Box 69  
Syracuse, NY 13211  
ATTN: Ms. Jennifer Hall


PROJECT #: 201406  
RECEIVED: 06/26/2002

Site Address:  
AOI ALTMAR

PO#: AOI-716

CLIENT JOB NUMBER: 693.002

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
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Wendy J. Umberger  
Laboratory Director

07/09/2002  
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.





**Environmental**  
LABORATORY SERVICES  
7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212  
(315) 459-0033 FAX (315) 459-0249 (800) 949-8285

**CHAIN OF CUSTODY RECORD**  
and Authorization for Analysis

\* Bill to Alksten Oil \*

Name Deak M. Jordan Title Asst. Env. Scientist  
 Company Barton & Loguidice, P.C. Dept. AD.I Altmer #139.002  
 Address 240 ELWOOD DAVIDS Job/PO No. AD.I-716  
 City, State, Zip Syracuse, NY 13220

The following services may result in additional charges:  
 Telephone Results Telephone No. \_\_\_\_\_ Express Service  
 Fax Results Fax No. \_\_\_\_\_  1 Week  48 Hour

To be completed by Sampler. Please remember to record this information on the container label.

ELS Number	*Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Container Type/Preservative								Analyses Required, Remarks, and/or Special Instructions		
								Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>		Other: (Specify)	
324139	6/26/02	10:20		X	H <sub>2</sub> O	RW-1	2										X	Full 8021 + M+BE
324140		09:35				MW-2												
324141		08:45				MW-3												
324142		08:25				MW-4												
324143		10:45				MW-5												
324144		10:05				MW-6												
324145		11:30				MW-7												
324146		11:10				MW-8												
324147		11:10				MW-9												
324148		10:45				MW-10												
324149		8:55				MW-11												
324150		9:50				MW-12												
324151	✓	<del>12:30</del> 11:45				Mix-Mat INF.	✓											502.2 + M+BE
324152	✓	-				Trip Blank	1											502.2 + M+BE

Containers Dispensed by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Container(s) Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Your signature authorizes ELS to analyze the sample(s) as indicated.  
 Relinquished by: Deak M. Jordan Date: 6/26/02 Time: 13:25  
 Relinquished by: K. Hawkins Date: 6/26/02 Time: 13:30



**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** RW-1  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>10.05</u>
Measured Well Depth (feet)*:	<u>18</u>
Well Casing Diameter (inches):	<u>4</u>
Volume in Well Casing (gallons):	<u>1.27</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 10:15      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD** - NO Purging needed. RW-1 pump running.

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

**Volume of Water Purged (gallons):**

Did well purge dry?    No     Yes   
 Did well recover?    No     Yes     Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Sampled by: DMJ/RWP      Time: 10:20      Date: 6/26/2002

**SAMPLING DATA**

**Sample Appearance**  
 Color: clear      Sediment: Some large particles  
 Odor: YES

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

**Samples Collected (Number/Type)**  
2 40ml Vials, Full 8021 & MtBE

**Samples Delivered to:** ELS      Time: \_\_\_\_\_      Date: 6/26/2002

**COMMENTS:** \_\_\_\_\_

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-1  
**CLIENT:** Alaska Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	5.51
Measured Well Depth (feet)*:	11.15
Well Casing Diameter (inches):	2
Volume in Well Casing (gallons):	1.95

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 09:15      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Volume of Water Purged (gallons): 2.8 *Took out 2 gallons*

Did well purge dry?    No     Yes   
 Did well recover?    No     Yes     Recovery Time: 11:40 *tried re-press*

**SAMPLING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Sampled by: DMJ/RWP    Time: \_\_\_\_\_    Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color \_\_\_\_\_ Sediment \_\_\_\_\_  
 Odor \_\_\_\_\_

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

**COMMENTS:** well was covered by 2" of soil inside casing, no screws.



**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-2  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment             Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>5.91</u>
Measured Well Depth (feet)*:	<u>11.94</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.03</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 9:05      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

**Volume of Water Purged (gallons):**

Did well purge dry?    No     Yes   
 Did well recover?    No     Yes     Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Sampled by: DMJ/RWP    Time: 09:35    Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance:  
 Color: BROWN      Sediment: VERY LITTLE  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

**Samples Collected (Number/Type)**  
2 40ml Vials, Full 8021 & MtBE

**Samples Delivered to:** ELS      Time: 9:35    Date: 6/26/2002

**COMMENTS:** PVC PIPE COVERED WITH GRAVEL & WATER



**FIELD SAMPLING DATA SHEET**

SITE: Altmar Mini-Mart SAMPLE LOCATION: MW-3  
 CLIENT: Alaskan Oil JOB #: 639.002  
 Weather Conditions: Humid Temp: 90  
 SAMPLE TYPE: Groundwater  Surface Water  Other (specify): \_\_\_\_\_  
 Sediment  Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>4.15</u>	<i>re-measured after taking old bailer out.</i>	Measuring Point: Top of Riser <input checked="" type="checkbox"/>
Measured Well Depth (feet)*:	<u>8.611.9</u>		Other (specify): _____
Well Casing Diameter (inches):	<u>2</u>		Measured by: <u>DMJ/RWP</u>
Volume in Well Casing (gallons):	<u>0.7124</u>		Time: <u>08:35</u> Date: <u>6/26/02</u>

\*depth from measuring point

**PURGING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated   
 Volume of Water Purged (gallons): 2.372  
 Did well purge dry? No  Yes   
 Did well recover? No  Yes  Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated   
 Sampled by: DMJ/RWP Time: 8:45 Date 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color BROWN Sediment Large particles  
 Odor NONE

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

**Samples Collected (Number/Type)**

2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS Time: \_\_\_\_\_ Date: 6/26/2002

COMMENTS: cap off well - surface water most likely ran into well. Old bailer pulled out of well.

**FIELD SAMPLING DATA SHEET**

SITE: Altmar Mini-Mart SAMPLE LOCATION: MW-4  
 CLIENT: Alaskan Oil JOB #: 639.002  
 Weather Conditions: Humid Temp: 90  
 SAMPLE TYPE: Groundwater  Surface Water  Other (specify): \_\_\_\_\_  
 Sediment  Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>5.45</u>
Measured Well Depth (feet)*:	<u>12.5</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.12</u>

\*depth from measuring point

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 8:15 Date: 6/26/02

**PURGING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated   
 Volume of Water Purged (gallons): 3.4  
 Did well purge dry? No  Yes  *Well went dry*  
 Did well recover? No  Yes  *Recovered ~ 5 minutes.*  
 Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated

Sampled by: DMJ/RWP Time: 8:25 Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: Brown Sediment: Large Sediment  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS Time: \_\_\_\_\_ Date: 6/26/2002

COMMENTS: Water accumulated in well casing. Bailed water out before cap was removed

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-5  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>6.35</u>
Measured Well Depth (feet)*:	<u>13.7</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.17</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 10:40      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD** 3.5 Gallons

Equipment:      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Volume of Water Purged (gallons): \_\_\_\_\_

Did well purge dry?    No       Yes   
 Did well recover?      No       Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

Equipment:      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Sampled by: DMJ/RWP      Time: 10:45      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: CLEAR      Sediment: SMALL PARTICLES  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

**COMMENTS:** COLOR WAS REDISH BROWN, QUICKLY BECAME CLEAR.



**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-6  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>5.6</u>
Measured Well Depth (feet)*:	<u>14.2</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.38</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 9:55      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Volume of Water Purged (gallons): 4.1 Gallons  
 Did well purge dry?    No     Yes   
 Did well recover?    No     Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**    Bailer     Submersible Pump     Air Lift System   
                          Bladder Pump     Foot Valve     Peristaltic Pump   
                          Dedicated     Non-dedicated

Sampled by: DMJ/RWP      Time: 10:05      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance Brown  
 Color NOISE      Sediment LARGE PARTICLES  
 Odor \_\_\_\_\_

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

COMMENTS: MISSING BOLTS

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-7  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90  
**SAMPLE TYPE:**    Groundwater     Surface Water     Other (specify): \_\_\_\_\_  
                          Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>5.07</u>
Measured Well Depth (feet)*:	<u>12.3</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.15</u>

\*depth from measuring point

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 11:25      Date: 6/26/02

**PURGING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated   
 Volume of Water Purged (gallons): 3.5  
 Did well purge dry?    No       Yes   
 Did well recover?      No       Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Sampled by: DMJ/RWP      Time: 11:30      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: BROWN      Sediment: Silt  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

COMMENTS: \_\_\_\_\_

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart **SAMPLE LOCATION:** MW-8  
**CLIENT:** Alaskan Oil **JOB #:** 639.002  
**Weather Conditions:** Humid **Temp:** 90  
**SAMPLE TYPE:** Groundwater  Surface Water  Other (specify): \_\_\_\_\_  
 Sediment  Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>6.1</u>
Measured Well Depth (feet)*:	<u>13.05</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.11</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 11:00 Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

**Equipment:** Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated

Volume of Water Purged (gallons): 3.5 Gallons  
 Did well purge dry? No  Yes   
 Did well recover? No  Yes  Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:** Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated

Sampled by: DMJ/RWP Time: 11:10 Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: CLEAR Sediment: SILT  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS Time: 11:10 Date: 6/26/2002

**COMMENTS:** ~~TOP OF MW-8 FULL OF SAND & SILT~~  
TOP OF MW-8 FULL OF SALT & SAND.

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-9  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**      Groundwater       Surface Water       Other (specify): \_\_\_\_\_  
                                  Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>6.35</u>
Measured Well Depth (feet)*:	<u>13.44</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.13</u>

\*depth from measuring point

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 11:00      Date: 6/26/02

**PURGING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Volume of Water Purged (gallons): 3.4      *→ well started to go dry.*      *Took out 3.4 gallons & then sampled. Did not wait for recovery.*

Did well purge dry?      No       Yes   
 Did well recover?      No       Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Sampled by: DMJ/RWP      Time: 11:10      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: CLAY      Sediment: SILT  
 Odor: NONE

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

**Samples Collected (Number/Type)**

2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

COMMENTS: \_\_\_\_\_

**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW-10  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**      Groundwater       Surface Water       Other (specify): \_\_\_\_\_  
                                  Sediment       Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>6.8</u>
Measured Well Depth (feet)*:	<u>12.74</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>0.95</u>

\*depth from measuring point

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 10:40      Date: 6/26/02

**PURGING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Volume of Water Purged (gallons): 2.8  
 Did well purge dry?      No       Yes   
 Did well recover?      No       Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Sampled by: DMJ/RWP      Time: 10:45      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: clear      Sediment: silt  
 Odor: YES

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

COMMENTS: \_\_\_\_\_



**FIELD SAMPLING DATA SHEET**

SITE: Altmar Mini-Mart SAMPLE LOCATION: MW-11  
 CLIENT: Alaskan Oil JOB #: 639.002  
 Weather Conditions: Humid Temp: 90  
 SAMPLE TYPE: Groundwater  Surface Water  Other (specify): \_\_\_\_\_  
 Sediment  Leachate

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>10.0</u>
Measured Well Depth (feet)*:	<u>12.88</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.1</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 8:45 Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated

Volume of Water Purged (gallons): \_\_\_\_\_  
 Did well purge dry? No  Yes   
 Did well recover? No  Yes  Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

Equipment: Bailer  Submersible Pump  Air Lift System   
 Bladder Pump  Foot Valve  Peristaltic Pump   
 Dedicated  Non-dedicated

Sampled by: DMJ/RWP Time: 8:55 Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: DARK BROWN Sediment: SAND  
 Odor: SLIGHT ODDOR

**Field Measured Parameters**

pH (Standard Units)	-	Sp. Conductivity (umhos/cm)	-
Temperature (F)	-	Eh-Redox Potential (mV)	-
Turbidity (NTUs)	-	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS Time: 9:55 Date: 6/26/2002

COMMENTS: -TOP 2" OF PVC BROKEN, VERY DIRTY WELL.  
-SHEEN ON WATER.



**FIELD SAMPLING DATA SHEET**

**SITE:** Altmar Mini-Mart      **SAMPLE LOCATION:** MW- 12  
**CLIENT:** Alaskan Oil      **JOB #:** 639.002  
**Weather Conditions:** Humid      **Temp:** 90

**SAMPLE TYPE:**      Groundwater       Surface Water       Other (specify): \_\_\_\_\_  
                          Sediment       Leachate       \_\_\_\_\_

**WATER LEVEL DATA**

Static Water Level (feet)*:	<u>6.7</u>
Measured Well Depth (feet)*:	<u>13.57</u>
Well Casing Diameter (inches):	<u>2</u>
Volume in Well Casing (gallons):	<u>1.18</u>

Measuring Point: Top of Riser   
 Other (specify): \_\_\_\_\_  
 Measured by: DMJ/RWP  
 Time: 09:40      Date: 6/26/02

\*depth from measuring point

**PURGING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Volume of Water Purged (gallons): 3.5

Did well purge dry?    No       Yes   
 Did well recover?      No       Yes       Recovery Time: \_\_\_\_\_

**SAMPLING METHOD**

**Equipment:**      Bailer       Submersible Pump       Air Lift System   
                          Bladder Pump       Foot Valve       Peristaltic Pump   
                          Dedicated       Non-dedicated

Sampled by: DMJ/RWP      Time: 09:50      Date: 6/26/2002

**SAMPLING DATA**

Sample Appearance  
 Color: Brown      Sediment: Slight silt  
 Odor: YES

**Field Measured Parameters**

pH (Standard Units)	--	Sp. Conductivity (umhos/cm)	--
Temperature (F)	--	Eh-Redox Potential (mV)	--
Turbidity (NTUs)	--	Dissolved Oxygen (mg/L)	--

Samples Collected (Number/Type)  
2 40ml Vials, Full 8021 & MtBE

Samples Delivered to: ELS      Time: \_\_\_\_\_      Date: 6/26/2002

COMMENTS: \_\_\_\_\_



# Environmental LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212  
(315) 458-9039 FAX (315) 458-0249 (800) 843-8265

## CHAIN OF CUSTODY RECORD and Authorization for Analysis

\* Bill to Alaskan Oil \*

Name <u>Darik M. Jordan</u>	Title <u>Asst. Env. Scientist</u>	Container Type/Preservative											
Company <u>Barton &amp; Loguiniec, P.C.</u>	Dept. <u>AOJ AHmer #634.002</u>	<table border="1"> <tr><td>Plastic/No Preservatives</td><td>Plastic/HNO<sub>3</sub></td><td>Plastic/H<sub>2</sub>SO<sub>4</sub></td><td>Plastic/NaOH+Ascorbic Acid</td><td>Plastic/NaOH+Zinc Acetate</td><td>Glass/No Preservative</td><td>Glass/Sodium Thiosulfate</td><td>Amber Glass/No Pres.</td><td>Amber Glass/H<sub>2</sub>SO<sub>4</sub></td><td>Other: (specify) <u>40ml vial w/ HCl</u></td></tr> </table>	Plastic/No Preservatives	Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>	Other: (specify) <u>40ml vial w/ HCl</u>	Analyses Required, Remarks, and/or Special Instructions
Plastic/No Preservatives	Plastic/HNO <sub>3</sub>		Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>	Other: (specify) <u>40ml vial w/ HCl</u>			
Address <u>240 Elwood Davis</u>	Job/PO No. <u>AOJ-716</u>												
City, State, Zip <u>Syracuse, NY 13220</u>													

The following services may result in additional charges:

Telephone Results Telephone No. \_\_\_\_\_ Advance Agreement Required

Fax Results Fax No. \_\_\_\_\_  1 Week  48 Hour

Express Service

ELS Number	To be completed by Sampler. Please remember to record this information on the container label.						Number of Containers	Container Type/Preservative										Other: (specify)	Analyses Required, Remarks, and/or Special Instructions
	*Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location		Plastic/No Preservatives	Plastic/HNO <sub>3</sub>	Plastic/H <sub>2</sub> SO <sub>4</sub>	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H <sub>2</sub> SO <sub>4</sub>			
	6/26/02	10:20		X	H <sub>2</sub> O	RW-1	2											X	Full 8021 + M+BE
		09:35				MW-2													
		08:45				MW-3													
		08:25				MW-4													
		10:45				MW-5													
		10:05				MW-6													
		11:30				MW-7													
		11:10				MW-8													
		11:10				MW-9													
		10:45				MW-10													
		8:55				MW-11													
		9:50				MW-12													
		<del>12:30</del> 11:45				Mini-Mart Inf.													502.2 + M+BE
		-				Trip Blank	1												502.2 + M+BE

Containers Dispensed by:	Date	Time	Container(s) Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Your signature authorizes ELS to analyze the sample(s) as indicated.	Date	Time	Received at Lab by:	Date	Time
Relinquished by: <u>Darik M. Jordan</u>	Date <u>6/26/02</u>	Time <u>13:25</u>	Received at Lab by: <u>K. Hawkins</u>	Date <u>6/26/02</u>	Time <u>13:30</u>

**APPENDIX B**

**HISTORICAL SITE DATA**

**Historical BTEX Data  
Monitoring Wells  
Alaskan Oil, Inc.  
Altmar Mini Mart  
Rt. 13 & Cemetary Road**

Date	BTEX Concentrations (ug/l)								
	RW-1	MW-1	MW-4	MW-5	MW-6	MW-9	MW-10	MW-11	MW-12
04-Jun-97	--	79,600	ND	--	--	ND	--	--	--
25-Jul-97	--	75,700	ND	435	3,194	ND	--	--	--
13-Oct-97	--	7,700	ND	189	36	ND	--	--	--
09-Jan-98	--	3,570	ND	64	1,662	ND	--	--	--
14-May-98	--	Free product	ND	14	3,712	ND	11,500	--	--
06-Aug-98	--	68,000	ND	123	1,162	ND	42,800	41,200	13,760
13-Nov-98	42,800	28,000	ND	193	1,100	ND	42,000	46,000	17,000
08-Feb-99	48,000	16,800	ND	26	1,554	ND	52,500	41,400	1,215
21-Jun-99	55,800	3,440	ND	86	360	ND	39,700	66,230	7,070
09-Feb-00	56,900	15,000	7	299	1,643	10	20,590	9,100	43,200
31-May-00	53,900	22,800	ND	12	46	ND	18,175	15	50,400
08-Aug-00	51,700	25,000	ND	359	6	ND	32,875	ND	51,300
21-Nov-00	--	5	ND	ND	92	ND	34,050	1,806	42,100
29-May-01	8,475	ND	ND	54	1,355	ND	27,330	375	35,050
21-Aug-01	12,175	10	ND	111	1,115	ND	29,000	6,410	35,650
19-Dec-01	--	ND	--	140	283	ND	32,550	4,163	26,720
19-Feb-02	11,273	139	--	--	22	ND	34,094	4,163	21,580

**Notes**

BTEX Concentrations are the summed concentrations of Benzene, Toluene, Ethylbenzene and Total Xylenes.

ND - None Detected

MW-1 was not sampled when free product was observed.

DRH: 639.002

