



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

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

SPILL ID #9614774

**GROUNDWATER MONITORING SERVICES
1ST QUARTER 1999**



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

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

SPILL ID #9614774

**GROUNDWATER MONITORING SERVICES
1ST QUARTER 1999**

PREPARED FOR:

***Alaskan Oil, Inc.
120 Wilkinson Street
Syracuse, New York***

&

***New York State Department of
Environmental Conservation***

PREPARED BY:

***Certified Environmental Services, Inc.
1401 Erie Boulevard East
Syracuse, New York***

May 10, 1999

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION	1
2.0 GROUNDWATER SAMPLING	2
2.1 Monitoring Well Sampling Procedures	2
2.2 Groundwater Supply Well Sampling	3
3.0 LABORATORY ANALYTICAL RESULTS	4
3.1 Groundwater Monitoring Well Laboratory Analytical Results	4
3.2 Groundwater Supply Well Laboratory Analytical Results	5
4.0 GROUNDWATER ELEVATION DATA	5
5.0 CONCLUSIONS AND RECOMMENDATIONS	6

Appendices

APPENDIX A	Figure 1 Site Map
	Figure 2 February 1999 Groundwater Elevation Map
	Figure 3 March 1999 Groundwater Elevation Map
APPENDIX B	Analytical History File
APPENDIX C	Results from Laboratory Analyses; 1 ST Quarter 1999 Sampling
APPENDIX D	Groundwater Elevation Data Summary



1.0 INTRODUCTION

On behalf of Alaskan Oil, Inc. (AOI), Certified Environmental Services, Inc. (CES) is pleased to submit this report of groundwater monitoring services associated with the AOI property located at Route 13 & Cemetery Street, Altmar, New York. This site is part of the Multi-Site Response Program/Voluntary Cleanup Agreement (Agreement), Index Number D7-0002-95-09, between Alaskan Oil and the New York State Department of Environmental Conservation (NYSDEC). This report contains groundwater quality data representing the first quarter 1999 from groundwater monitoring wells and the on-site drinking water supply well.

Groundwater monitoring wells MW-1 through MW-12 and RW-1 were sampled by CES personnel on February 8, 1999. Groundwater samples were then submitted to CES laboratory for volatile analysis in accordance with USEPA Method 8021 and semi-volatile analysis in accordance with USEPA Method 8100. The referenced analytical methodologies are acceptable to the New York State Department of Health (NYSDOH), the New York Department of Environmental Conservation (NYSDEC) and/or the United States Environmental Protection Agency (USEPA).

Results from laboratory analyses conducted on groundwater samples collected from monitoring wells MW-2, MW-3, MW-4, MW-7 and MW-9 on February 8, 1999 did not reveal concentrations of petroleum related VOC's or SVOC's which exceed NYSDEC Water Quality Regulations for the parameters for which the analyses was conducted. Results from laboratory analyses conducted on the groundwater samples collected from MW-1, MW-5, MW-6, MW-8, MW-10, MW-11, MW-12 and RW-1 detected concentrations of one or more *chemicals of concern* at concentrations which exceed NYSDEC Water Quality Regulations. In accordance with Table 2-1 in Appendix C of the Voluntary Cleanup Agreement, *chemicals of concern* include BTEX compounds (Benzene, Toluene, Ethylbenzene, Xylene), Benzo(a)pyrene and Naphthalene. For the purpose of this report, Methyl t-Butyl Ether (MTBE) is discussed as a chemical of concern. Compounds other than these will not be considered in the RBCA evaluation of the site, unless specifically requested by the NYSDEC.

The activated carbon treatment system connected to the sites drinking water supply was sampled on a monthly basis by CES personnel. Monthly samples collected before, between and after the activated carbon vessels were submitted to CES's NYSDOH



1.0 INTRODUCTION (Cont'd)

approved laboratory for analysis in accordance with USEPA Method 502.2. Results from laboratory analysis conducted on each of the samples indicates compliance with NYSDEC Water Quality Regulations.

Based on the analytical findings associated with the soil and groundwater at the site, CES recommends that monitoring wells MW-1 through MW-12 and RW-1 be sampled on a quarterly basis for analyses in accordance with USEPA Methods 8021 and 8100. In accordance with the NYSDEC's previous request, CES has scheduled to measure groundwater elevations on a monthly basis. If free phase petroleum product is identified during any of the groundwater monitoring events, CES personnel will hand bail the product which will be placed in a drum and stored on site pending disposal. CES also recommends the monthly sampling and analysis of the on-site supply well continue.

2.0 GROUNDWATER SAMPLING

2.1 Monitoring Well Sampling Procedures

On February 8, 1999 groundwater samples were collected from groundwater monitoring wells MW-1 through MW-12 and RW-1. The following procedures were utilized to obtain groundwater samples from the wells:

1. Prior to the initiation of evacuation activities, each well was visually inspected for signs of damage, tampering or any other unusual observations.
2. Water levels were measured to the nearest 1/100th of a foot using an electronic water level indicator. The measurement was noted on the sample characterization sheet to determine the volume of water in the well. The water level indicator probe and associated cable were cleaned between wells to prevent cross contamination.



2.1 Monitoring Well Sampling Procedures (Cont'd)

3. After completing initial field measurements, each well was evacuated using dedicated PVC bailers in a manner which created the least turbidity. CES personnel evacuated approximately three (3) to five (5) well volumes or to dryness from each well. Purged volumes are identified on chain-of-custody information sheets.
4. The wells were allowed to adequately recharge prior to collecting samples. Field parameters were again checked using the portable field instrumentation. Field instrumentation was calibrated at the beginning of the day and periodically checked and recalibrated in accordance with the manufacturers specifications.
5. Samples were collected in the appropriate bottles along with the required preservatives for the analyses to be performed.
6. Trip blanks and replicate samples were collected and submitted to the laboratory along with the samples.
7. Sample Characterization/Chain-of-Custody forms were completed prior to samples leaving the site.
8. Samples were packed in shipping cartons and placed on ice to keep samples cool during transport to the laboratory. Upon arriving at the laboratory, the samples were signed for by CES' Log-In personnel to maintain the chain of custody. Each sample was assigned an identification number (Log Number) for tracking purposes. Water samples were submitted to CES's laboratory for analyses by CES or another NYSDOH approved laboratory.

2.2 Groundwater Supply Well Sampling

The activated carbon treatment system connected to the sites drinking water supply was sampled on a monthly basis by CES personnel. Monthly samples collected before, between and after the activated carbon vessels were submitted



2.2 Groundwater Supply Well Sampling (Cont'd)

to CES's NYSDOH approved laboratory for analysis in accordance with USEPA Method 502.2. In an effort to purge the static water in the plumbing system, cold water was run for roughly three minutes prior to collecting samples. Results from laboratory analysis conducted on each of the samples indicates compliance with NYSDEC Water Quality Regulations. Based on the presence and extent of the petroleum contamination at the site, CES continues to recommend monthly sampling and analysis of the on-site water supply treatment system. Upon completing sample acquisition efforts, the collected samples were transported to CES' laboratory facility located at 1401 Erie Boulevard East in Syracuse, New York for analyses.

3.0 LABORATORY ANALYTICAL RESULTS

3.1 Groundwater Monitoring Well Laboratory Analytical Results

Groundwater samples recovered on February 8, 1999 from monitoring wells MW-1 through MW-12 and RW-1 were submitted to CES for laboratory analyses for VOC contaminant concentrations following USEPA Method 8021 and SVOC contaminant concentrations following USEPA Method 8100. Results from laboratory analyses conducted on groundwater samples collected from monitoring wells MW-2, MW-3, MW-4, MW-7 and MW-9 on February 8, 1999 did not reveal concentrations of petroleum related VOC's or SVOC's which exceed NYSDEC Water Quality Regulations for the parameters for which the analyses was conducted. Results from laboratory analyses conducted on the groundwater samples collected from MW-1, MW-5, MW-6, MW-8, MW-10, MW-11, MW-12 and RW-1 detected concentrations of one or more *chemicals of concern* which exceed NYSDEC Water Quality Regulations.

Concentrations of 2,700 ug/L of Benzene, 6,400 ug/L Toluene, 1,200 ug/L Ethylbenzene, 6,500 ug/L mixed Xylene and 475 ug/L Naphthalene was detected in the sample collected from MW-1 on February 8, 1999. An MTBE concentration



3.1 Groundwater Monitoring Well Laboratory Analytical Results (Cont'd)

of 39 ug/L was detected in MW-4. Concentrations of 5.1 ug/L Ethylbenzene, 20.8 ug/L mixed Xylene and 22 ug/L Naphthalene was detected in the sample collected from MW-5. Concentrations of 280 ug/L of Benzene, 60 ug/L Toluene, 44 ug/L Ethylbenzene, 70 ug/L mixed Xylene and 20 ug/L Naphthalene was detected in the sample collected from MW-6. A Benzene concentration of 3.9 ug/L was detected in MW-8. Concentrations of 3,400 ug/L of Benzene, 23,000 ug/L Toluene, 4,000 ug/L Ethylbenzene, 22,100 ug/L mixed Xylene and 1,200 ug/L Naphthalene was detected in the sample collected from MW-10. Concentrations of 7,600 ug/L Benzene, 16,700 ug/L Toluene, 2,800 ug/L Ethylbenzene, 14,300 ug/L mixed Xylene and 420 ug/L Naphthalene was detected in the sample collected from MW-11. Concentrations of 32 ug/L of Benzene, 118 ug/L Toluene, 165 ug/L Ethylbenzene, 900 ug/L mixed Xylene and 68 ug/L Naphthalene was detected in the sample collected from MW-12. Concentrations of 8,700 ug/L Benzene, 18,250 ug/L Toluene, 1,500 ug/L Ethylbenzene, 19,500 ug/L mixed Xylene and 525 ug/L Naphthalene was detected in the sample collected from RW-1.

3.2 Groundwater Supply Well Laboratory Analytical Results

An activated carbon treatment system was installed on the sites drinking water supply in August 1998. Monthly samples have been collected by CES personnel before, between and after the activated carbon canisters for analyses in accordance with USEPA Method 502.2. Results from laboratory analysis from each of the monthly samples collected from January 1999 through March 1999 indicates compliance with NYSDEC Water Quality Regulations. Results from laboratory analyses are provided in Appendix C.

4.0 GROUNDWATER ELEVATION DATA

Groundwater elevation contour and flow direction maps were created utilizing the relative elevation and position survey information and groundwater elevation data



4.0 GROUNDWATER ELEVATION DATA (Cont'd)

collected from the monitoring wells on a monthly basis, see Figures 3 and 4 in Appendix A. The contoured groundwater elevation data indicates a southwesterly flow direction across the site. Groundwater elevation data was not obtained in January 1999 because the wells could not readily be accessed under the snow and ice cover. The groundwater elevation data is included as Appendix D.

5.0 CONCLUSIONS AND RECOMMENDATIONS

First quarter 1999 groundwater samples were collected on February 8, 1999 from monitoring wells MW-1 through MW-12 and RW-1. Groundwater samples were submitted to CES's laboratory for analyses in accordance with USEPA Methods 8021 and 8100. Results from laboratory analyses conducted on the samples collected from monitoring wells MW-2, MW-3, MW-4, MW-7 and MW-9 did not reveal concentrations of petroleum related VOC's or SVOC's which exceed NYSDEC Water Quality Regulations. Results from laboratory analyses conducted on the groundwater samples collected from MW-1, MW-5, MW-6, MW-8, MW-10, MW-11, MW-12 and RW-1 detected concentrations of one or more *chemicals of concern* at concentrations which exceed NYSDEC Water Quality Regulations.

The activated carbon treatment system connected to the sites drinking water supply was sampled on a monthly basis by CES personnel. Monthly samples collected before, between and after the activated carbon vessels were submitted to CES's NYSDOH approved laboratory for analysis in accordance with USEPA Method 502.2. Results from laboratory analysis conducted on each of the samples indicates compliance with NYSDEC Water Quality Regulations. Based on the presence and extent of the petroleum contamination at the site, CES continues to recommend monthly sampling and analysis of the supply well, at all sampling ports due to the potential for MTBE and other petroleum compound break through.

Based on these findings, CES recommends that monitoring wells MW-1 through MW-12 and RW-1 be sampled on a quarterly basis for analyses following USEPA Methods 8021 and 8100. In accordance with the NYSDEC's previous request, CES has



5.0 CONCLUSIONS AND RECOMMENDATIONS (Cont'd)

scheduled to measure groundwater elevations on a monthly basis. If free phase petroleum product is identified during any of the groundwater monitoring events, CES personnel will hand bail the product which will be placed in a drum and stored on site pending disposal.



APPENDIX A

Figures

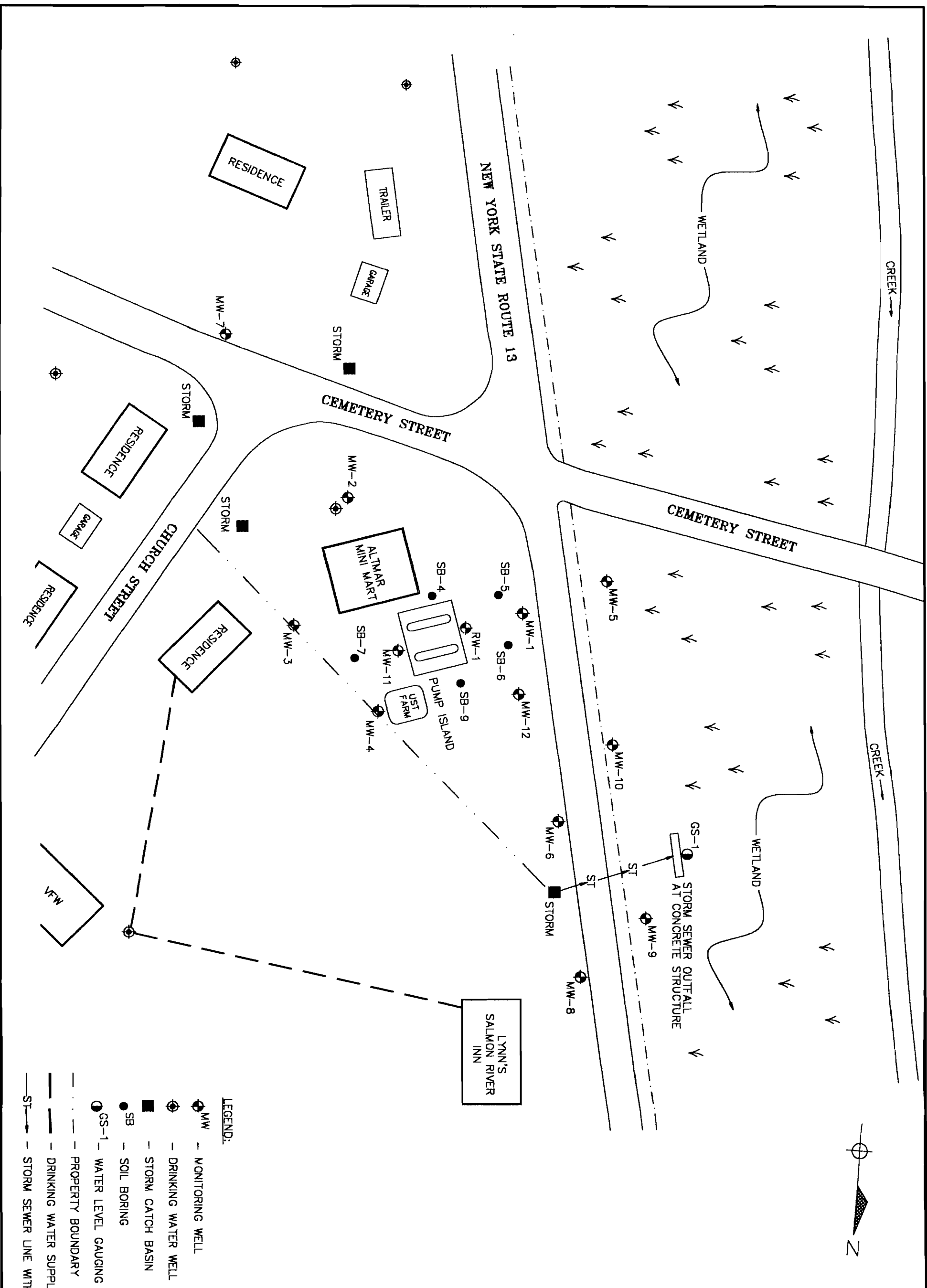
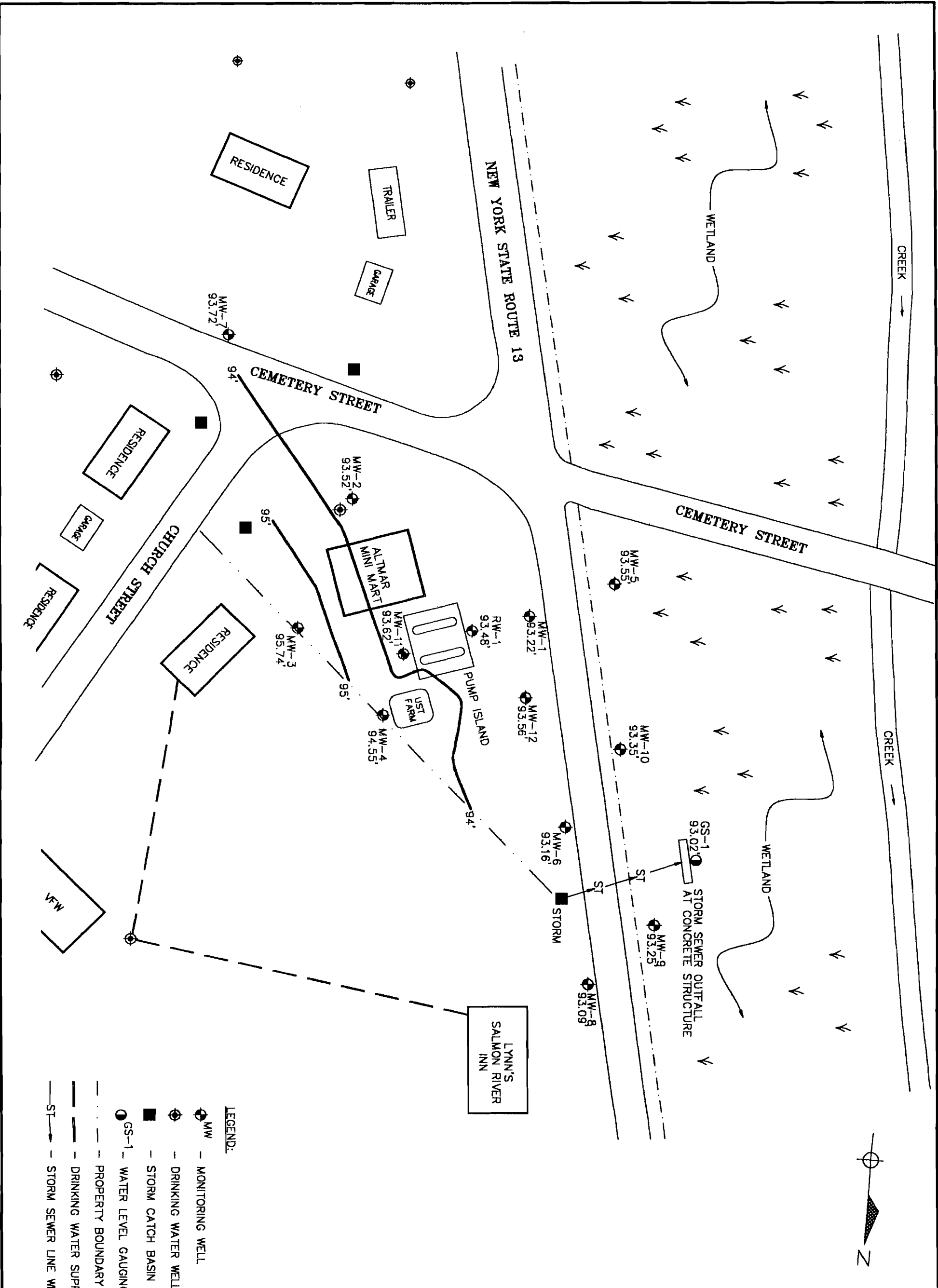
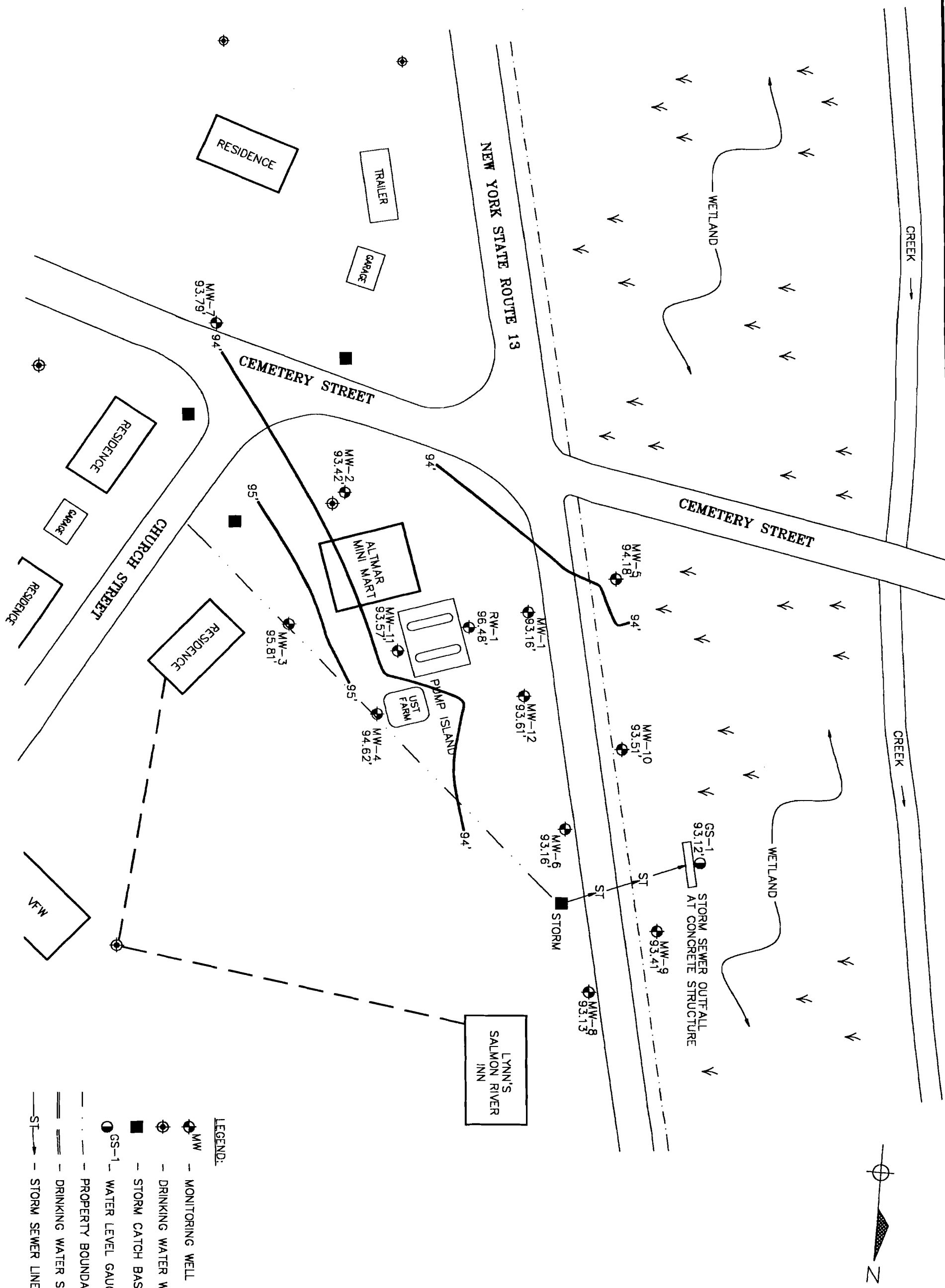


FIGURE 1	SCALE: 1"=50'	DATE: 2/8/99
SITE MAP		Alaskan Oil, Inc. Route 13 and Cemetery Street Altmar, New York
CES Certified Environmental Services, Inc.		



- LEGEND:**
- MW - MONITORING WELL
 - - DRINKING WATER WELL
 - - STORM CATCH BASIN
 - GS-1 - WATER LEVEL GAUGING STAFF
 - - - PROPERTY BOUNDARY
 - - - DRINKING WATER SUPPLY LINE
 - - - STORM SEWER LINE WITH FLOW DIRECTION

FIGURE 2	SCALE: 1"=50'	DATE: 2/8/99
GROUNDWATER ELEVATION MAP		Alaskan Oil, Inc. Route 13 and Cemetery Street Altmar, New York
CES Certified Environmental Services, Inc.		



- LEGEND:**
- MW - MONITORING WELL
 - ⊕ - DRINKING WATER WELL
 - - STORM CATCH BASIN
 - GS-1 - WATER LEVEL GAUGING STAFF
 - - - - - PROPERTY BOUNDARY
 - == DRINKING WATER SUPPLY LINE
 - ST — STORM SEWER LINE WITH FLOW DIRECTION

FIGURE 3	SCALE: 1"=50'	DATE: 03/17/99
GROUNDWATER ELEVATION MAP		Alaskan Oil, Inc.
		Route 13 and Cemetery Street Altmar, New York
CES Certified Environmental Services, Inc.		



APPENDIX B

Analytical History File



**Alaskan Oil, Inc
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Summary of Groundwater Analytical Results for MW-1

Chemical of Concern	NYSDEC	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	6/04/97	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	16,600	18,900	1,400	580	FREE	14,500	3,900	2,700
Toluene	5 ug/L	36,700	34,500	2,400	700	PRODUCT	26,000	9,600	6,400
Ethylbenzene	5 ug/L	4,300	3,400	< 250	< 250		3,500	1,400	1,200
M-Xylene & P-Xylene	5 ug/L	14,600	12,500	2,700	1,500		16,000	8,300	4,600
O-Xylene	5 ug/L	7,400	6,400	1,200	790		8,000	4,800	1,900
Naphthalene	10 ug/L	2,830	1,700	43	140		7,500	3,800	475
Benzo(a)Pyrene	ND	< 50	< 5	< 10	< 50		< 1000	< 100	< 100
Methyl-T-Butyl-Ether	50 ug/L								< 250

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND - Not Detectable



**Alaskan Oil, Inc
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Summary of Groundwater Analytical Results for MW-2

Chemical of Concern	NYSDEC	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	6/04/97	7/25/97	10/13/97	01/09/98	05/14/98	08/16/98	11/13/98	02/08/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L								< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

ND = Not Detectable



**Alaskan Oil, Inc
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Summary of Groundwater Analytical Results for MW-3

Chemical of Concern	NYSDEC	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	6/04/97	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L								< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Summary of Groundwater Analytical Results for MW-4

Chemical of Concern	NYSDEC	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	6/04/97	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L								39

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-5

Chemical of Concern	NYSDEC	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	4.9	< 0.7	< 0.7	< 5.0	< 5.0	4.0	< 0.7
Toluene	5 ug/L	55	9.6	4.4	< 5.0	9.0	14	< 1.0
Ethylbenzene	5 ug/L	88	75	12	14	75	93	5.1
M-Xylene & P-Xylene	5 ug/L	260	100	42	< 5.0	39	82	16
O-Xylene	5 ug/L	27	4.7	6.0	< 5.0	< 5.0	< 5.0	4.8
Naphthalene	10 ug/L	22	15	10	< 5.0	34	32	22
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L							< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-6

Chemical of Concern	NYSDEC	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	1900	16	1,400	1,000	750	675	280
Toluene	5 ug/L	240	1.4	< 25	430	47	35	60
Ethylbenzene	5 ug/L	97	5.2	72	186	130	180	44
M-Xylene & P-Xylen	5 ug/L	807	9.4	190	350	210	210	26
O-Xylene	5 ug/L	150	3.5	< 25	84	25	< 25	44
Naphthalene	10 ug/L	103	< 5.0	100	14	24	19	20
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ethe	50 ug/L							< 25

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-7

Chemical of Concern	NYSDEC	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	7/25/97	10/13/97	01/09/98	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylen	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ethe	50 ug/L							< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-8

Chemical of Concern	NYSDEC	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	EGULATIONS	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	0.9	< 0.7	7.9	3.9
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L				< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-9

Chemical of Concern	NYSDEC	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5
Methyl-T-Buthyl Ether	50 ug/L				< 5

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-10

Chemical of Concern	NYSDEC	2nd 1998	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	05/14/98	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	2,700	3,600	3,800	3,400
Toluene	5 ug/L	6,400	22,500	21,000	23,000
Ethylbenzene	5 ug/L	410	2,700	2,200	4,000
M-Xylene & P-Xylene	5 ug/L	1,600	10,500	10,700	15,600
O-Xylene	5 ug/L	390	3,500	4,300	6,500
Naphthalene	10 ug/L	63	340	200	1,200
Benzo(a)Pyrene	ND	< 5	< 50	< 10	< 100
Methyl-T-Buthyl Ether	50 ug/L				< 2,500

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-11

Chemical of Concern	NYSDEC	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	8,000	10,000	7,600
Toluene	5 ug/L	17,500	19,500	16,700
Ethylbenzene	5 ug/L	2,300	2,600	2,800
M-Xylene & P-Xylene	5 ug/L	9,000	10,000	9,600
O-Xylene	5 ug/L	4,400	3,900	4,700
Naphthalene	10 ug/L	800	260	420
Benzo(a)Pyrene	ND	< 50	< 10	< 100
Methyl-T-Buthyl Ether	50 ug/L			< 2,500

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results for MW-12

Chemical of Concern	NYSDEC	3rd 1998	4th 1998	1st 1999
	WATER	Groundwater	Groundwater	Groundwater
	QUALITY	(in ug/L)	(in ug/L)	(in ug/L)
	REGULATIONS	08/06/98	11/13/98	02/08/99
Benzene	1 ug/L	60	100	32
Toluene	5 ug/L	2,400	2,800	118
Ethylbenzene	5 ug/L	1,400	1,900	165
M-Xylene & P-Xylene	5 ug/L	6,800	8,700	680
O-Xylene	5 ug/L	3,100	3,500	220
Naphthalene	10 ug/L	360	580	68
Benzo(a)Pyrene	ND	< 50	< 10	< 5
Methyl-T-Buthyl Ether	50 ug/L			< 100

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



**Alaskan Oil, Inc.
Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York**

Groundwater Analytical Results - Recovery Well

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	4th 1998	1st 1999
		Groundwater	Groundwater
		(in ug/L)	(in ug/L)
		11/13/98	02/08/99
Benzene	1 ug/L	5,100	8,700
Toluene	5 ug/L	16,000	18,250
Ethylbenzene	5 ug/L	1,800	1,500
M-Xylene & P-Xylene	5 ug/L	13,100	12,750
O-Xylene	5 ug/L	6,800	6,800
Naphthalene	10 ug/L	260	525
Benzo(a)Pyrene	ND	< 10	< 100
Methyl-T-Buthyl Ether	50 ug/L		< 1,000

BTEX and Naphthalene analyzed in accordance with USEPA Method 8021

Naphthalene analyzed in accordance with USEPA Method 8021 and 8100.

The higher concentration of Naphthalene is reported in all cases.

Benzo(a)Pyrene analyzed in accordance with USEPA Method 8100

ND = Not Detectable



APPENDIX C

**Results from Laboratory Analyses
1ST Quarter 1999 Sampling**



Groundwater Monitoring Well Laboratory Analytical Reports



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182344 SAMPLE ID- MW-1
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1610
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	2700 ug/L	
Toluene	EPA 8021		02/19/99		BLD	6400 ug/L	
Ethylbenzene	EPA 8021		02/19/99		BLD	1200 ug/L	
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	4600 ug/L	
o-Xylene	EPA 8021		02/19/99		BLD	1900 ug/L	
Isopropylbenzene	EPA 8021		02/19/99		BLD	125 ug/L	
n-Propylbenzene	EPA 8021		02/19/99		BLD	265 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	650 ug/L	
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 50 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	1500 ug/L	
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 50 ug/L	
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 50 ug/L	
n-Butylbenzene	EPA 8021		02/19/99		BLD	200 ug/L	
Naphthalene	EPA 8021		02/19/99		BLD	475 ug/L	
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 250 ug/L	
EPA 8100 Scan	EPA 8100	02/15/99	BJC 03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC 03/02/99		BJC	330 ug/L	
Acenaphthylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100 ug/L	
Acenaphthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100 ug/L	
Fluorene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100 ug/L	



**Certified
Environmental
Services, Inc.**

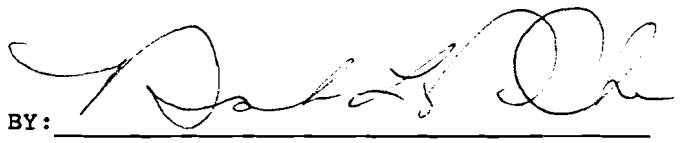
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182344

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Chrysene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

29926

1401 Erie Boulevard East
SYRACUSE, New York 13210
PH (315) 478-2374 FAX (315) 478-2107MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODYCertified
Environmental
Services, Inc.

CES

182344

LOG NO.

WELL NO.

MW - 1

WELL TYPE/SIZE: 2" PVC

CLIENT: ALASKAN OIL, INC.

CONTACT: RICHARD NEUGEBAUER

LOCATION: AOI/PEE # 326 ALTAR MINI-MART ALTAR, N.Y.

WELL PURGING & SAMPLING:

Date: 2/8/99

Purge Start Time: 1255

Purge End Time: 1300

Well Volumes Purged

2

Total Volume Purged

Purged @ 2.5 gpm

Final Depth to Water

5.58'

Odor

PETO

Well Volume

1.0

Depth to Water

5.50'

Total Well Depth

11.75'

WEATHER CONDITIONS:

Overcast

Temp. 28°

Wind 5 mph

FIELD PARAMETERS:

pH

pH Calibration

Conductivity

Temperature

Initial Reading

@ 4.0 Std = 4.00

Redox

Intermediate Reading

@ 7.0 Std = 7.00

@ 10.0 Std = 10.0

Final Reading

6.5

SAMPLE PRESERVATION:

Date

2/8/99

Time

1610

BY

KEVIN R. ROWE

Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂SO₃ ☒ Cooled to 4° C

Other (Identify)

Was Sample Filtered?

☒ No☐ Yes

Date:

Time:

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)☒ 500 ml Plastic Cylinder☐ 4 gallon (Plastic)

2

☒ 40 ml Vial with Teflon Liner☐ Pint Jar (Glass w/Teflon Liner)☐ Other☐ See Attached Proposal/List

NYSDEC Part 360 Routine

☐ NYSDEC Part 360 Baseline☒ XX EPA 8021☐ EPA 503.1

8270 (Base Neutrals)

☐ NYSDEC 310-13☐ EPA 624☐ EPA 601/602

XX EPA 8100

QUESTS: QUARTERLY SAMPLING

PETO odor w/ sheep

Collected By

Kevin R. Rowe

Delivered By

Kevin R. Rowe

Received By

Deborah Squires

Date

2/9/99

Time

0800

Date

2/8/99

Time

1730

Date

2/8/99



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182345 SAMPLE ID- MW-2
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1345
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	< 0.7 ug/L	
Toluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	02/15/99	BJC 03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5 ug/L	
Acenaphthylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5 ug/L	
Acenaphthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5 ug/L	
Fluorene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5 ug/L	



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182345

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTAMAR MINI-MART ALTAMAR, N.Y.LOG NO. 182345
WELL NO. MW - 2
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1040 Purge End Time: 1046

Total Well Depth	<u>9.00'</u>	# Well Volumes Purged	<u>5</u>	Color	<u>Rust 1/16" 1/16" 1/16"</u>
Depth to Water	<u>5.24'</u>	Total Volume Purged	<u>3 gal</u>	Turbidity	<u>41 M 1M</u>
Well Volume	<u>0.6</u>	Final Depth to Water	<u>5.31'</u>	Odor	<u>None</u>
Purge Method	<u>BAILER</u>	SAMPLE COLLECTED: Time	<u>1345</u>	Data	<u>2/8/99</u>

WEATHER CONDITIONS: Overcast Temp. 28° Wind 5mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	_____	@ 4.0 Std = <u>4.00</u>	_____	<u>0°C</u>
Intermediate Reading	_____	@ 7.0 Std = <u>7.00</u>	_____	<u>Redox</u>
Final Reading	<u>7.0</u>	@ 10.0 Std = <u>10.0</u>	_____	_____

SAMPLE PRESERVATION:

Date 2/8/99 Time 1345 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>3</u>
☒ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ 1/2 Gallon (Plastic)	_____	☐ Other	_____

PARAMETERS: ☐ See Attached Proposal/List.

☒ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLING*QC collectedCollected By Kevin R. RoweDate 2/8/99Delivered By Kevin R. RoweDate 2/8/99Time 1730Received By Deborah SquiresDate 2/9/99Time 0800



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182346 SAMPLE ID- MW-3
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1400
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	< 0.7	ug/L
Toluene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 5.0	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC 02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluorene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182346

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Chrysene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.LOG NO. 182346CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 3LOCATION: AOI/PEF # 326 ALTAMAR MINI-MART ALTAMAR, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1050 Purge End Time: 1100Total Well Depth 8.50' # Well Volumes Purged 5 Color clr 1 rust 1 rustDepth to Water 3.27' Total Volume Purged 4 gal. Turbidity 2.1 m 1HWell Volume 0.8 Final Depth to Water 3.31' Odor NonePurge Method BAILER SAMPLE COLLECTED: Time 1400 Date 2/8/99WEATHER CONDITIONS: Overcast Temp. 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>-5°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		Redox
Final Reading	<u>7.1</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1400 By KEVIN R. ROWEPreservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂SO₃ ☒ Cooled to 4° C

Other (Identify) _____

Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ 1/2 Gallon (Plastic)	_____	☐ Other _____	_____

PARAMETERS: ☐ See Attached Proposal/List

☒ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLINGCollected By Kevin R. RoweDate 2/8/99Delivered By Kevin R. RoweDate 2/8/99Time 1730Received By Deborah SquiresDate 2/9/99Time 0800



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182347 SAMPLE ID- MW-4
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1415
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			02/19/99		BLD		
Benzene	EPA 8021			02/19/99		BLD	< 0.7	ug/L
Toluene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021			02/19/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021			02/19/99		BLD	39	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Fluorene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L



**Certified
Environmental
Services, Inc.**

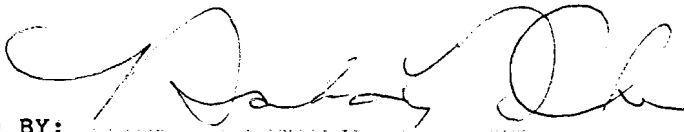
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182347

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



Certified
Environmental
Services, Inc.

MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY

1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.

LOG NO. 182347
WELL NO. MW - 4
WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1105 Purge End Time: 1110
Total Well Depth 9.30' # Well Volumes Purged 3 Color 1.6m rust 1 rust
Depth to Water 4.76' Total Volume Purged purged dry @ 2 gal Turbidity M 1H 1H
Well Volume 0.7 Final Depth to Water 4.71' Odor None
Purge Method BAILER SAMPLE COLLECTED: Time 1415 Date 2/8/99

WEATHER CONDITIONS: overcast Temp. 28° Wind 5 mph
FIELD PARAMETERS: pH pH Calibration Conductivity Temperature
Initial Reading @ 4.0 Std = 4.00 -3.5°C
Intermediate Reading @ 7.0 Std = 7.00 Redox
Final Reading 6.9 @ 10.0 Std = 10.0

SAMPLE PRESERVATION:

Date 2/8/99 Time 1415 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify)
Was Sample Filtered? ☒ No ☐ Yes Date: Time:

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner) 2 ☒ 40 ml Vial with Teflon Liner 2
☒ 500 ml Plastic Cylinder ☐ Pint Jar (Glass w/Teflon Liner)
☐ 1/2 Gallon (Plastic) ☐ Other

PARAMETERS: ☐ See Attached Proposal/List
☐ NYSDEC Part 360 Routine ☐ NYSDEC Part 360 Baseline ☒ EPA 8021 ☐ EPA 503.1
☐ 8270 (Base Neutrals) ☐ NYSDOH 310-13 ☐ EPA 624 ☐ EPA 601/602
☒ EPA 8100

TESTS: QUARTERLY SAMPLING

Collected By Kevin R. Rowe Date 2/8/99
Delivered By Kevin R. Rowe Date 2/8/99 Time 1730
Received By Deborah Squires Date 2/9/99 Time 0800

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182348 SAMPLE ID- MW-5
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1430
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT UNITS
EPA 8021 Scan	EPA 8021			02/19/99		BLD	
Benzene	EPA 8021			02/19/99		BLD	< 0.7 ug/L
Toluene	EPA 8021			02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 8021			02/19/99		BLD	5.1 ug/L
m-Xylene & p-Xylene	EPA 8021			02/19/99		BLD	16 ug/L
o-Xylene	EPA 8021			02/19/99		BLD	4.8 ug/L
Isopropylbenzene	EPA 8021			02/19/99		BLD	2.9 ug/L
n-Propylbenzene	EPA 8021			02/19/99		BLD	8.7 ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/19/99		BLD	54 ug/L
tert-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/19/99		BLD	94 ug/L
sec-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 8021			02/19/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 8021			02/19/99		BLD	6.2 ug/L
Naphthalene	EPA 8021			02/19/99		BLD	22 ug/L
Methyl-t-Butyl Ether	EPA 8021			02/19/99		BLD	< 5.0 ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	02/23/99		KMS	
Naphthalene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5 ug/L
Acenaphthylené	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5 ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5 ug/L
Fluorene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5 ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182348

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

CES

Certified
Environmental
Services, Inc.

MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY

1401 Erie Boulevard East
Syracuse, New York 13210
PH (315) 478-2574 FAX (315) 478-2107

29926

183348

CLIENT: ALASKAN OIL, INC.

LOG NO.

CONTACT: RICHARD NEUGEBAUER

WELL NO. MW-5

LOCATION: A01/PEE # 325 ALTMAR MINI-MART ALTMAR, N.Y.

WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING:

DATE: 2/8/99

PURGE START TIME: 11:15

PURGE END TIME: 11:21

TOTAL WELL DEPTH

1120'

WELL VOLUMES PURGED

4

COLOR d/c 1.105T 17.6mg

DEPTH TO WATER

6.14'

TOTAL VOLUME PURGED

394'

TURBIDITY 1.17 IM

WELL VOLUME

0.8

FINAL DEPTH TO WATER

6.20'

ODOR

PETRO

PURGE METHOD

BAILER

SAMPLE COLLECTED:

TIME

1930

DATE

2/8/99

WEATHER CONDITIONS:

OVERCAST

TEMP. 28°

WIND 5 mph

FIELD PARAMETERS:

pH

pH CALIBRATION

CONDUCTIVITY

TEMPERATURE

INITIAL READING

@ 4.0 STD = 4.00

-0.5°C

INTERMEDIATE READING

@ 7.0 STD = 7.00

Redox

FINAL READING

6.7

@ 10.0 STD = 10.0

SAMPLE PRESERVATION:

DATE

2/8/99

TIME

1930

BY

KEVIN R. ROWE

PRESERVATIVE: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCL ☐ Na₂S₂O₃ ☒ COOLED TO 4° C

OTHER (IDENTIFY)

WAS SAMPLE FILTERED? ☒ YES ☐ NO

DATE:

TIME:

SAMPLE CONTAINERS & QUANTITIES:

QUART JAR (GLASS W/TEFLON LINER)

2

XM 40 ml VIAL WITH TEFLON LINER

2

500 ml PLASTIC CYLINDER

2

PLASTIC JAR (GLASS W/TEFLON LINER)

2

PARAMETERS: ☐ SEE ATTACHED PROPOSAL/LIST

NYSDEC PART 360 ROUTINE ☐ NYSDEC PART 360 BASELINE

XM EPA 8021

XK EPA 8100

8270 (BASE NEUTRALIS)

☐ NYSDOH 310-13

☐ EPA 624

☐ EPA 503.1

☐ EPA 601/602

QUESTIONS: QUARTERLY SAMPLING

PETRO OIL

COLLECTED BY

Kevin R. Rowe

DELIVERED BY

Kevin R. Rowe

RECEIVED BY

Deborah S. Quinn

DATE

2/8/99

TIME

0800

DATE

2/8/99

TIME

1730



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182349 SAMPLE ID- MW-6
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1515
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	280	ug/L
Toluene	EPA 8021		02/19/99		BLD	60	ug/L
Ethylbenzene	EPA 8021		02/19/99		BLD	44	ug/L
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	26	ug/L
o-Xylene	EPA 8021		02/19/99		BLD	44	ug/L
Isopropylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
n-Propylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	22	ug/L
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
n-Butylbenzene	EPA 8021		02/19/99		BLD	< 5.0	ug/L
Naphthalene	EPA 8021		02/19/99		BLD	18	ug/L
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 25	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC 02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC 02/23/99		KMS	20	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluorene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L



**Certified
Environmental
Services, Inc.**

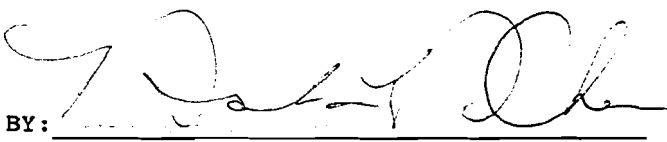
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182349

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.LOG NO. 182349CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 6LOCATION: AOI/PEF # 326 ALTAR MINI-MART ALTAR, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1150 Purge End Time: 1200

Total Well Depth	<u>11.30'</u>	# Well Volumes Purged	<u>4</u>	Color	<u>clr 1/16 hr 16 hr</u>
Depth to Water	<u>5.30'</u>	Total Volume Purged	<u>4 gal.</u>	Turbidity	<u>1 m 1 H</u>
Well Volume	<u>1.0</u>	Final Depth to Water	<u>5.35'</u>	Odor	<u>Petro</u>
Purge Method	<u>BAILER</u>	SAMPLE COLLECTED: Time	<u>1515</u>	Date	<u>2/8/99</u>

WEATHER CONDITIONS: Overcast Temp 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	<u> </u>	@ 4.0 Std = <u>4.00</u>	<u> </u>	<u>-1.5°C</u>
Intermediate Reading	<u> </u>	@ 7.0 Std = <u>7.00</u>	<u> </u>	<u>Redox</u>
Final Reading	<u>6.7</u>	@ 10.0 Std = <u>10.0</u>	<u> </u>	<u> </u>

SAMPLE PRESERVATION:

Date 2/8/99 Time 1515 By KEVIN R. ROWE

Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C

☐ Other (Identify)

Was Sample Filtered? ☒ No ☐ Yes Date: Time:

SAMPLE CONTAINERS & QUANTITIES:

☐ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	<u> </u>	☐ Pint Jar (Glass w/Teflon Liner)	<u> </u>
☐ 1/2 Gallon (Plastic)	<u> </u>	☐ Other <u> </u>	<u> </u>

PARAMETERS: ☐ See Attached Proposal/List

☐ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLINGPetro odorCollected By Kevin R. RoweDate 2/8/99Delivered By Kevin R. RoweDate 2/8/99Time 1730Received By Deborah SquiresDate 2/9/99Time 0800



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182350 SAMPLE ID- MW-7
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1330
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			02/19/99		BLD		
Benzene	EPA 8021			02/19/99		BLD	< 0.7	ug/L
Toluene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021			02/19/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021			02/19/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021			02/19/99		BLD	< 5.0	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Fluorene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182350

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTRACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. 182350
WELL NO. MW - 7
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1030 Purge End Time: 1036

Total Well Depth	<u>9.40'</u>	# Well Volumes Purged	<u>4</u>	Color	<u>clr 1 ft. by 1 ft. by</u>
Depth to Water	<u>4.77'</u>	Total Volume Purged	<u>3 gal</u>	Turbidity	<u>2 1m 1m</u>
Well Volume	<u>0.7</u>	Final Depth to Water	<u>4.83'</u>	Odor	<u>None</u>
Purge Method	<u>BAILER</u>	SAMPLE COLLECTED: Time	<u>1330</u>	Date	<u>2/8/99</u>

WEATHER CONDITIONS: Overcast Temp. 28° Wind SW

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	_____	@ 4.0 Std = <u>4.00</u>	_____	<u>-2°C</u>
Intermediate Reading	_____	@ 7.0 Std = <u>7.00</u>	_____	Redox
Final Reading	<u>7.5</u>	@ 10.0 Std = <u>10.0</u>	_____	_____

SAMPLE PRESERVATION:

Date 2/8/99 Time 1330 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂SO₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☐ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ 1/2 Gallon (Plastic)	_____	☐ Other	_____

PARAMETERS: ☐ See Attached Proposal/List

☒ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLING

Collected By	<u>Kevin R. Rowe</u>	Date	<u>2/8/99</u>	
Delivered By	<u>Kevin R. Rowe</u>	Date	<u>2/8/99</u>	Time <u>1730</u>
Received By	<u>Deborah Squires</u>	Date	<u>2/9/99</u>	Time <u>0800</u>



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182351 SAMPLE ID- MW-8
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1500
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	3.9 ug/L	
Toluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	02/15/99	BJC 02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Fluorene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182351

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC	02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. 182351
WELL NO. MW - 8
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1135 Purge End Time: 1145Total Well Depth 12.55' # Well Volumes Purged 3 Color dr 1 ft. len 1 bry
Depth to Water 5.68' Total Volume Purged Purged dry 12 3.5 Turbidity < 1 m 1H
Well Volume 1.1 Final Depth to Water 5.73' Odor None
Purge Method BAILER SAMPLE COLLECTED: Time 1500 Date 2/8/99WEATHER CONDITIONS: Overcast Temp 28° Wind 5mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>-1.5°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		Redox
Final Reading	<u>6.8</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1500 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
☐ Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☐ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☐ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ 1/2 Gallon (Plastic)	_____	☐ Other _____	_____

PARAMETERS: ☐ See Attached Proposal/List.

☐ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☐ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

OTES: QUARTERLY SAMPLING

Collected By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>	
Delivered By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>	Time <u>1730</u>
Received By <u>Deborah Squires</u>	Date <u>2/9/99</u>	Time <u>0800</u>



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182352 SAMPLE ID- MW-9
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1445
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	< 0.7 ug/L	
Toluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		02/19/99		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	02/15/99	BJC 02/23/99		KMS		
Naphthalene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	
Fluorene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5 ug/L	



Certified
Environmental
Services, Inc.

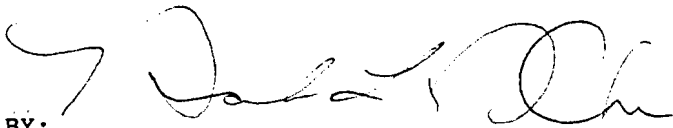
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182352

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 02/23/99		KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

182352

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. _____
WELL NO. MW - 9
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1125 Purge End Time: 1130Total Well Depth 12.85' # Well Volumes Purged 2 Color clr 17.6 um 1.6 um
Depth to Water 6.21' Total Volume Purged Purged dry @ 2 gal Turbidity < 1.0 NTU
Well Volume 1.1 Final Depth to Water 6.30' Odor None
Purge Method BAILER SAMPLE COLLECTED: Time 1445 Date 2/8/99WEATHER CONDITIONS: Overcast Temp 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	_____	@ 4.0 Std = <u>4.00</u>	_____	<u>-2°C</u>
Intermediate Reading	_____	@ 7.0 Std = <u>7.00</u>	_____	<u>Redox</u>
Final Reading	<u>7.3</u>	@ 10.0 Std = <u>10.0</u>	_____	_____

SAMPLE PRESERVATION:

Date 2/8/99 Time 1445 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

1 Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
1/2 Gallon (Plastic)	_____	☐ Other _____	_____

PARAMETERS: ☐ See Attached Proposal/List

☐ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☐ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

OTES: QUARTERLY SAMPLING

Collected By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>		
Delivered By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>	Time <u>1730</u>	
Received By <u>Deborah Squires</u>	Date <u>2/9/99</u>	Time <u>0800</u>	



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182353 SAMPLE ID- MW-10
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1620
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		02/19/99		BLD		
Benzene	EPA 8021		02/19/99		BLD	3400	ug/L
Toluene	EPA 8021		02/19/99		BLD	23000	ug/L
Ethylbenzene	EPA 8021		02/19/99		BLD	4000	ug/L
m-Xylene & p-Xylene	EPA 8021		02/19/99		BLD	15600	ug/L
o-Xylene	EPA 8021		02/19/99		BLD	6500	ug/L
Isopropylbenzene	EPA 8021		02/19/99		BLD	500	ug/L
n-Propylbenzene	EPA 8021		02/19/99		BLD	660	ug/L
1,3,5-Trimethylbenzene	EPA 8021		02/19/99		BLD	3400	ug/L
tert-Butylbenzene	EPA 8021		02/19/99		BLD	< 500	ug/L
1,2,4-Trimethylbenzene	EPA 8021		02/19/99		BLD	4100	ug/L
sec-Butylbenzene	EPA 8021		02/19/99		BLD	< 500	ug/L
p-Isopropyltoluene	EPA 8021		02/19/99		BLD	< 500	ug/L
n-Butylbenzene	EPA 8021		02/19/99		BLD	975	ug/L
Naphthalene	EPA 8021		02/19/99		BLD	1200	ug/L
Methyl-t-Butyl Ether	EPA 8021		02/19/99		BLD	< 2500	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC 03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC 03/02/99		BJC	390	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Fluorene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182353

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Chrysene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. 182353
WELL NO. MW - 10
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1305 Purge End Time: 1315Total Well Depth 13.00' # Well Volumes Purged 4 Color 17.6 ml / 17.6 ml / 17.6 ml
Depth to Water 6.52' (Product) Total Volume Purged 4 gal. Turbidity 2.1 m / H
Well Volume 1.0 Final Depth to Water 6.58' Odor Petro (free prod.)
Purge Method BAILER SAMPLE COLLECTED: Time 1620 Date 2/8/99WEATHER CONDITIONS: Overcast Temp. 28' Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>-2°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		Redox
Final Reading	<u>6.8</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1620 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	<u> </u>	☐ Pint Jar (Glass w/Teflon Liner)	<u> </u>
☐ 1/2 Gallon (Plastic)	<u> </u>	☐ Other	<u> </u>

PARAMETERS: ☐ See Attached Proposal/ListNYSDEC Part 360 Routine ☐ NYSDEC Part 360 Baseline ☒ EPA 8021 ☐ EPA 503.1
8270 (Base Neutrals) ☐ NYSDOH 310-13 ☐ EPA 624 ☐ EPA 601/602
XX EPA 8100NOTES: QUARTERLY SAMPLING Petro odor (gasoline odor) @ 13' product recordedCollected By Kevin R. RoweDate 2/8/99Delivered By Kevin R. RoweDate 2/8/99Time 1730Received By Deborah SquiresDate 2/9/99Time 0800



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182354 SAMPLE ID- MW-11
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1530
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			02/19/99		BLD		
Benzene	EPA 8021			02/19/99		BLD	7600	ug/L
Toluene	EPA 8021			02/19/99		BLD	16700	ug/L
Ethylbenzene	EPA 8021			02/19/99		BLD	2800	ug/L
m-Xylene & p-Xylene	EPA 8021			02/19/99		BLD	9600	ug/L
o-Xylene	EPA 8021			02/19/99		BLD	4700	ug/L
Isopropylbenzene	EPA 8021			02/19/99		BLD	< 500	ug/L
n-Propylbenzene	EPA 8021			02/19/99		BLD	< 500	ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/19/99		BLD	1800	ug/L
tert-Butylbenzene	EPA 8021			02/19/99		BLD	< 500	ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/19/99		BLD	2300	ug/L
sec-Butylbenzene	EPA 8021			02/19/99		BLD	< 500	ug/L
p-Isopropyltoluene	EPA 8021			02/19/99		BLD	< 500	ug/L
n-Butylbenzene	EPA 8021			02/19/99		BLD	1500	ug/L
Naphthalene	EPA 8021			02/19/99		BLD	< 500	ug/L
Methyl-t-Butyl Ether	EPA 8021			02/19/99		BLD	< 2500	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC	03/02/99		BJC	420	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Fluorene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L



Certified
Environmental
Services, Inc.

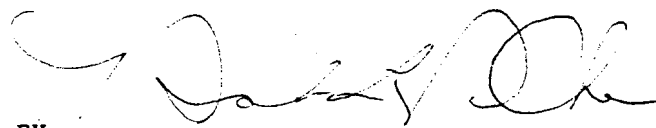
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182354

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Chrysene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. 182354
WELL NO. MW - 11
WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1205 Purge End Time: 1215Total Well Depth 14.00' # Well Volumes Purged 3 Color dr 1/2.6 m 1.6 m
Depth to Water 5.85' Total Volume Purged Purged dry @ 4 gal Turbidity 2 IM 1H
Well Volume 1.3 Final Depth to Water 5.92' Odor Petro (gas)
Purge Method BAILER SAMPLE COLLECTED: Time 1530 Date 2/8/99WEATHER CONDITIONS: Overcast Temp. 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>-2°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		Redox
Final Reading	<u>6.5</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1530 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ 1/2 Gallon (Plastic)	_____	☐ Other _____	_____

PARAMETERS: ☐ See Attached Proposal/List.

☒ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLING Petro odor (gas) w/ sheep

Collected By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>
Delivered By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u> Time <u>1730</u>
Received By <u>Deborah Squires</u>	Date <u>2/9/99</u> Time <u>0800</u>



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182355 SAMPLE ID- MW-12
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1545
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			02/22/99		BLD		
Benzene	EPA 8021			02/22/99		BLD	32	ug/L
Toluene	EPA 8021			02/22/99		BLD	118	ug/L
Ethylbenzene	EPA 8021			02/22/99		BLD	165	ug/L
m-Xylene & p-Xylene	EPA 8021			02/22/99		BLD	680	ug/L
o-Xylene	EPA 8021			02/22/99		BLD	220	ug/L
Isopropylbenzene	EPA 8021			02/22/99		BLD	< 25	ug/L
n-Propylbenzene	EPA 8021			02/22/99		BLD	45	ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/22/99		BLD	122	ug/L
tert-Butylbenzene	EPA 8021			02/22/99		BLD	< 25	ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/22/99		BLD	262	ug/L
sec-Butylbenzene	EPA 8021			02/22/99		BLD	< 25	ug/L
p-Isopropyltoluene	EPA 8021			02/22/99		BLD	< 25	ug/L
n-Butylbenzene	EPA 8021			02/22/99		BLD	55	ug/L
Naphthalene	EPA 8021			02/22/99		BLD	< 100	ug/L
Methyl-t-Butyl Ether	EPA 8021			02/22/99		BLD	< 100	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC	03/02/99		BJC	68	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 5	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 5	ug/L
Fluorene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 5	ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182355

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Chrysene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



Certified
Environmental
Services, Inc.

MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY

1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.

LOG NO. 182355
WELL NO. MW - 12
WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1220 Purge End Time: 1225

Total Well Depth 13.00' # Well Volumes Purged 1.5 color 1.6 ml 6m 1.6m
Depth to Water 5.65' Total Volume Purged purged dry @ 2.5 gal Turbidity 14 14
Well Volume 1.2 Final Depth to Water 5.72' odor Petro
Purge Method BAILER SAMPLE COLLECTED: Time 1545 Date 2/8/99

WEATHER CONDITIONS: Overcast Temp 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>0°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		<u>Redox</u>
Final Reading	<u>7.0</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1545 By KEVIN R. ROWE
Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C
Other (Identify) _____
Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	<u> </u>	☐ Pint Jar (Glass w/Teflon Liner)	<u> </u>
☐ 1/2 Gallon (Plastic)	<u> </u>	☐ Other	<u> </u>

PARAMETERS: ☐ See Attached Proposal/List

☐ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☐ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLING Petro odor

Collected By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>	
Delivered By <u>Kevin R. Rowe</u>	Date <u>2/8/99</u>	Time <u>1730</u>
Received By <u>Deborah Squires</u>	Date <u>2/9/99</u>	Time <u>0800</u>



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

SAMPLE NUMBER- 182356 SAMPLE ID- RW-1
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1600
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			02/22/99		BLD		
Benzene	EPA 8021			02/22/99		BLD	8700	ug/L
Toluene	EPA 8021			02/22/99		BLD	18250	ug/L
Ethylbenzene	EPA 8021			02/22/99		BLD	1500	ug/L
m-Xylene & p-Xylene	EPA 8021			02/22/99		BLD	12750	ug/L
o-Xylene	EPA 8021			02/22/99		BLD	6800	ug/L
Isopropylbenzene	EPA 8021			02/22/99		BLD	< 250	ug/L
n-Propylbenzene	EPA 8021			02/22/99		BLD	300	ug/L
1,3,5-Trimethylbenzene	EPA 8021			02/22/99		BLD	1200	ug/L
tert-Butylbenzene	EPA 8021			02/22/99		BLD	< 250	ug/L
1,2,4-Trimethylbenzene	EPA 8021			02/22/99		BLD	2800	ug/L
sec-Butylbenzene	EPA 8021			02/22/99		BLD	< 250	ug/L
p-Isopropyltoluene	EPA 8021			02/22/99		BLD	< 250	ug/L
n-Butylbenzene	EPA 8021			02/22/99		BLD	450	ug/L
Naphthalene	EPA 8021			02/22/99		BLD	525	ug/L
Methyl-t-Butyl Ether	EPA 8021			02/22/99		BLD	< 1000	ug/L
EPA 8100 Scan	EPA 8100	02/15/99	BJC	03/02/99		BJC		
Naphthalene	EPA 8100	02/15/99	BJC	03/02/99		BJC	190	ug/L
Acenaphthylene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Acenaphthene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L
Fluorene	EPA 8100	02/15/99	BJC	03/02/99		BJC	< 100	ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182356

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(a)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Chrysene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(b)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(k)Fluoranthene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(a)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L
Benzo(ghi)Perylene	EPA 8100	02/15/99	BJC 03/02/99		BJC	< 100	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107

29926

CLIENT: ALASKAN OIL, INC.
CONTACT: RICHARD NEUGEBAUER
LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y.LOG NO. 182356
WELL NO. ~~182~~ RW-1
WELL TYPE/SIZE: 6" PVCWELL PURGING & SAMPLING: Date: 2/8/99 Purge Start Time: 1230 Purge End Time: 1255Total Well Depth 19.50' # Well Volumes Purged 2 Color 17.4 m / 17.4 m / 17.4 m
Depth to Water 5.97' Total Volume Purged 15 gal. Turbidity 2.1 m / m
Well Volume N/A Final Depth to Water 5.99' Odor Petro
Purge Method BAILER SAMPLE COLLECTED: Time 1600 Date 2/8/99WEATHER CONDITIONS: OVERCAST Temp. 28° Wind 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.00</u>		<u>5.5°c</u>
Intermediate Reading		@ 7.0 Std = <u>7.00</u>		Redox
Final Reading	<u>6.7</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 2/8/99 Time 1600 By KEVIN R. ROWEPreservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C

Other (Identify) _____

Was Sample Filtered? ☒ No ☐ Yes Date: _____ Time: _____

SAMPLE CONTAINERS & QUANTITIES:

☒ Quart Jar (Glass w/Teflon Liner)	<u>2</u>	☒ 40 ml Vial with Teflon Liner	<u>2</u>
☒ 500 ml Plastic Cylinder	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☒ 1/2 Gallon (Plastic)	_____	☐ Other _____	_____

PARAMETERS: ☐ See Attached Proposal/List.

☒ NYSDEC Part 360 Routine	☐ NYSDEC Part 360 Baseline	☒ EPA 8021	☐ EPA 503.1
☒ 8270 (Base Neutrals)	☐ NYSDOH 310-13	☐ EPA 624	☐ EPA 601/602
		☒ EPA 8100	

NOTES: QUARTERLY SAMPLING Petro odorCollected By Kevin R. RoweDate 2/8/99Delivered By Kevin R. RoweDate 2/8/99Time 1730Received By Deborah SquiresDate 2/9/99Time 0800



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/04/99

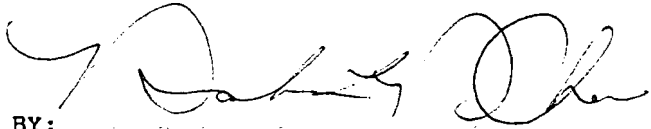
SAMPLE NUMBER- 182357 SAMPLE ID- Trip Blank
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 0815
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
EPA 8021 Scan	EPA 8021	02/19/99		BLD	
Benzene	EPA 8021	02/19/99		BLD	< 0.7 ug/L
Toluene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
o-Xylene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 8021	02/19/99		BLD	< 1.0 ug/L
Naphthalene	EPA 8021	02/19/99		BLD	< 5.0 ug/L
Methyl-t-Butyl Ether	EPA 8021	02/19/99		BLD	< 5.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

SAMPLE CHARACTERIZATION/CHAIN-OF-CUSTODY

29926

CLIENT: Alaskan Oil, Inc. LOG NO. 182357
CONTACT: Richard Nugebauer PH# ()

SAMPLING INFORMATION:

SAMPLE ID: Trip Blank LOCATION: Acc/PEF # 326 Alton, NV

SAMPLE TYPE: ☐ Soil ☒ Water ☐ Oil ☐ Wipe ☐ Air ☐

COLLECTION TECHNIQUE: ☐ Composite ☒ Grab ☐ Wipe ☐ Flow Composite ☐

COMPOSITE: (Start) Date _____ Time _____ By _____

(Finish) Date _____ Time _____ By _____

GRAB: Date 2/8/99 Time 0815 By K.R. Rowe

SAMPLE PRESERVATION:

Date 2/8/99 Time 0815 By K.R. Rowe

Preservative: ☐ H₂SO₄ ☐ HNO₃ ☐ NaOH ☒ HCl ☐ Na₂S₂O₃ ☒ Cooled to 4° C

☐ Other (Identify) _____

SAMPLE CONTAINERS:

Container	Qty		Qty
☐ Quart Jar (Glass w/Teflon Liner)	_____	☒ 40 ml Vial with Teflon Liner	<u>1</u>
☐ 500 ml Plastic Cylinder	_____	☐ Quart Jar (Glass w/o Teflon Liner)	_____
☐ ½ Gallon (Plastic)	_____	☐ Pint Jar (Glass w/Teflon Liner)	_____
☐ Coliform Cup	_____	☐ Pint Jar (Glass w/o Teflon Liner)	_____
☐ Other _____	_____		

PARAMETERS: See Attached Proposal/List

EPA 8021

NOTES: Quarterly Sampling

Collected By K.R. Rowe Date 2/8/99

Delivered By K.R. Rowe Date 2/8/99 Time 1730

Received By _____ Date _____ Time _____

Received By Deborah Squires Date 2/9/99 Time 0800



Groundwater Supply Well Laboratory Analytical Reports



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 01/20/99

SAMPLE NUMBER- 180953 SAMPLE ID- System Before Carbon
DATE SAMPLED- 01/14/99
DATE RECEIVED- 01/14/99 SAMPLER- John C. Krupa
TIME RECEIVED- 1520 DELIVERED BY- John C. Krupa

SAMPLE MATRIX- WA
TIME SAMPLED- 1200
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	01/18/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	01/18/99		BLD	
Benzene	EPA 502.2	01/18/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 180953

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
1,3-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,4-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Hexachlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Naphthalene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,3-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 01/20/99

SAMPLE NUMBER- 180954 SAMPLE ID- System Between Carbon
DATE SAMPLED- 01/14/99
DATE RECEIVED- 01/14/99 SAMPLER- John C. Krupa
TIME RECEIVED- 1520 DELIVERED BY- John C. Krupa

SAMPLE MATRIX- WA
TIME SAMPLED- 1200
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	01/18/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	01/18/99		BLD	
Benzene	EPA 502.2	01/18/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

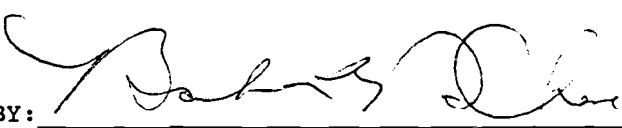
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 180954

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
1,3-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,4-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Hexachlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Naphthalene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,3-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 01/20/99

SAMPLE NUMBER- 180955 SAMPLE ID- System After Carbon
DATE SAMPLED- 01/14/99
DATE RECEIVED- 01/14/99 SAMPLER- John C. Krupa
TIME RECEIVED- 1520 DELIVERED BY- John C. Krupa

SAMPLE MATRIX- WA
TIME SAMPLED- 1200
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	01/18/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	01/18/99		BLD	
Benzene	EPA 502.2	01/18/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 180955

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:



Certified
Environmental
Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 01/20/99

SAMPLE NUMBER- 180956 SAMPLE ID- Trip Blank
DATE SAMPLED- 01/14/99
DATE RECEIVED- 01/14/99 SAMPLER- John C. Krupa
TIME RECEIVED- 1520 DELIVERED BY- John C. Krupa

SAMPLE MATRIX- WA
TIME SAMPLED- 1200
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	01/18/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	01/18/99		BLD	
Benzene	EPA 502.2	01/18/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	01/18/99		BLD	< 1.0 ug/L



Certified
Environmental
Services, Inc.

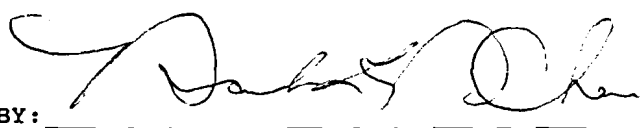
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 180956

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
1,3-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,4-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Hexachlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
Naphthalene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L
1,2,3-Trichlorobenzene	EPA 502.2	01/18/99		BLD	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CES

***Certified
Environmental
Services, Inc.***

**1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107**

CHAIN OF CUSTODY RECORD

[illegible]



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 02/24/99

SAMPLE NUMBER- 182340 SAMPLE ID- Mini-Mart Before Carbon
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1320
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS		BY	RESULT UNITS
		DATE	TIME		
METHYL-T-BUTYL ETHER	EPA 502.2	02/19/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	02/19/99		BLD	
Benzene	EPA 502.2	02/19/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182340

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 02/24/99

SAMPLE NUMBER- 182341 SAMPLE ID- Mini-Mart Between Carbon
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1323
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	02/19/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	02/19/99		BLD	
Benzene	EPA 502.2	02/19/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182341

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
1,3-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
1,2,4-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
Hexachlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
Naphthalene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L
1,2,3-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204 -
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 02/24/99

SAMPLE NUMBER- 182342 SAMPLE ID- Mini-Mart After Carbon SAMPLE MATRIX- WA
DATE SAMPLED- 02/08/99 TIME SAMPLED- 1326
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe RECEIVED BY- DJS
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS		BY	RESULT UNITS
		DATE	TIME		
METHYL-T-BUTYL ETHER	EPA 502.2	02/19/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	02/19/99		BLD	
Benzene	EPA 502.2	02/19/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

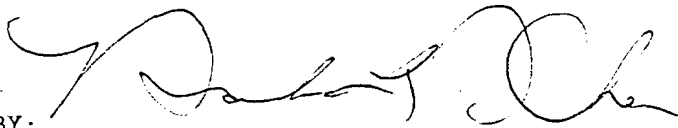
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182342

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 02/24/99

SAMPLE NUMBER- 182343 SAMPLE ID- Trip Blank
DATE SAMPLED- 02/08/99
DATE RECEIVED- 02/09/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 0815
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	02/19/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	02/19/99		BLD	
Benzene	EPA 502.2	02/19/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 182343

ANALYSIS	METHOD	ANALYSIS		BY	RESULT UNITS
		DATE	TIME		
1,3-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	02/19/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

29925



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CHAIN OF CUSTODY RECORD

Company: <u>Alaskan Oil, Inc.</u> Phone: _____						Analysis USEM 502.2 + MTA						
Address: <u>120 Wilkerson St.</u> Fax: _____												
Syracuse, NY 13204 P.O. #: _____												
Contact Person: <u>Richard Neugebauer</u> Project: <u>AOI/PEF# 326</u> <u>Altmar, NY</u>												
Sampled By (print): <u>Kevin R. Rowe</u> (sign) <u>Kevin R. Rowe</u>												
SAMPLE NO.	COLLECTED		CGT ORR MAI PBX	M	SAMPLE LOCATION	# OF CONT.	COMMENTS					
	DATE	TIME										
182340	2-8-99	1320	X		Mini-Mart Before Carby	2	X					48 hour TAT
182341	2-8-99	1323	X		Mini-Mart Between Carby	2	X					- original to Eric Murdock
182342	2-8-99	1326	X		Mini-Mart After Carby	2	X					
182343	2-8-99	0815	X		Trip Blank	1	X					
												After Carby sample
					Altmar Mini-Mart							taken @ cold water
					Water Treatment System							Tap located @ deli-sink
					of supply well							
Relinquished By: <u>Kevin R. Rowe</u>			Date: <u>2/8/99</u>	Time: <u>1730</u>	Received By: _____			Date: _____	Time: _____			
Relinquished By: _____			Date: _____	Time: _____	Received by Lab: <u>Deborah Squires</u>			Date: <u>2/9/99</u>	Time: <u>0800</u>			



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/24/99

SAMPLE NUMBER- 184356 SAMPLE ID- Mini-Mart Before Carbon
DATE SAMPLED- 03/17/99
DATE RECEIVED- 03/17/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1530 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1300
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	03/22/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	03/22/99		BLD	
Benzene	EPA 502.2	03/22/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 184356

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/24/99

SAMPLE NUMBER- 184357 SAMPLE ID- Mini-Mart Between Carbon
DATE SAMPLED- 03/17/99
DATE RECEIVED- 03/17/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1530 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1304
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	03/22/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	03/22/99		BLD	
Benzene	EPA 502.2	03/22/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 184357

ANALYSIS	METHOD	ANALYSIS		BY	RESULT	UNITS
		DATE	TIME			
1,3-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
1,2,4-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
Hexachlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
Naphthalene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L
1,2,3-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/24/99

SAMPLE NUMBER- 184358 SAMPLE ID- Mini-Mart After Carbon
DATE SAMPLED- 03/17/99
DATE RECEIVED- 03/17/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1530 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1310
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	03/22/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	03/22/99		BLD	
Benzene	EPA 502.2	03/22/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 184358

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

ALASKAN OIL, INC.
120 WILKINSON ST.
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #326-Altmar
DATE: 03/24/99

SAMPLE NUMBER- 184359 SAMPLE ID- Trip Blank
DATE SAMPLED- 03/17/99
DATE RECEIVED- 03/17/99 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1530 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 0830
RECEIVED BY- DJS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
METHYL-T-BUTYL ETHER	EPA 502.2	03/22/99		BLD	< 5.0 ug/L
EPA 502.2 Scan	EPA 502.2	03/22/99		BLD	
Benzene	EPA 502.2	03/22/99		BLD	< 0.7 ug/L
Trichloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Toluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Tetrachloroethene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Chlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Ethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
o-Xylene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Styrene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Bromobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
2-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
4-Chlorotoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L





**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 184359

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
1,3-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,4-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2-Dichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,4-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Hexachlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
Naphthalene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L
1,2,3-Trichlorobenzene	EPA 502.2	03/22/99		BLD	< 1.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

30466
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CHAIN OF CUSTODY RECORD

Client: <u>Alaskan Oil, Inc.</u>		Phone: _____		Analysis USEM 5082 + MTRC									
Address: <u>120 Wilkinson St.</u> <u>Syracuse, NY 13204</u>		Fax: _____											
Contact Person: <u>Richard Neugebauer</u>		P.O. #: _____											
Project: <u>AUT/PEF # 326 Altmar, NY.</u>													
Sampled By (print): <u>Kevin R. Lowe</u>				(sign): <u>Kevin R. Lowe</u>									
LAB USE ONLY		COLLECTED		CGT COR MAI PBX	CLIENT ID/ SAMPLE LOCATION	# OF CONT.							COMMENTS
CES LOG NO.	DATE												
184356	3/17/99	1300	XW	Mini-Mart Before Carlog	2	X							48 hour TAT
184357	3/17/99	1304	XW	Mini-Mart Between Carlog	2	X							
184358	3/17/99	1310	XW*	Mini-Mart After Carlog	2	Y							
184359	3/17/99	0830	XW	Trip Blank	1	X							
													*After Carlog grab
													Taken @ cold water
													top of Deli-Sink
Relinquished By: <u>Kevin R. Lowe</u>			Date:	Time:	Received By:			Date:	Time:				
			<u>3/17/99</u>	<u>1530</u>									
Relinquished By:			Date:	Time:	Received By Lab:			Date:	Time:				
					<u>Deborah Squires</u>			<u>3/17/99</u>	<u>1530</u>				



APPENDIX D

Groundwater Elevation Data Summary



Groundwater Elevation Data

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

Well #	Top of Casing Elevation PVC	Top of Screen Elevation	GROUNDWATER ELEVATION DATA	
			2/08/99	3/17/99

MW-1	100.00	98.0	93.22	93.16
MW-2	100.18	98.2	93.52	93.42
MW-3	100.06	98.1	95.74	95.81
MW-4	99.65	97.7	94.55	94.62
MW-5	99.23	95.2	93.55	94.18
MW-6	100.50	96.5	93.16	93.16
MW-7	100.45	97.5	93.72	93.79
MW-8	98.77	96.22	93.09	93.13
MW-9	99.46	96.61	93.25	93.41
MW-10	99.87	96.87	93.35	93.51
MW-11	99.47	96.50	93.62	93.57
MW-12	99.21	96.00	93.56	93.61

Note: All measurements recorded in feet
Top of Casing Elevation is Top of PVC riser
NA - Not Available