



**Certified
Environmental
Services, Inc.**

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**ALASKAN OIL, INC.
MAIN & WEST AMES STREETS
MEXICO, NEW YORK**

SPILL ID #9700653

**GROUNDWATER MONITORING SERVICES
4TH QUARTER 1998**



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SPILL ID #9700653

**GROUNDWATER MONITORING SERVICES
4TH QUARTER 1998**

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***

December 28, 1998



**Certified
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1.0 EXECUTIVE SUMMARY

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 Main & West Ames Streets, Mexico, New York. This site is included as 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 fourth quarter 1998.

During the most recent groundwater sampling event on November 20, 1998, groundwater samples were collected and transported to CES' laboratory for volatile analysis in accordance with United States Environmental Protection Agency (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 USEPA. In accordance with the NYSDEC Voluntary Cleanup Agreement (Index Number D7-0002-95-09), only the chemicals of concern specified in Table 2-1 in Section 2-3 of Appendix C will be considered. These chemicals of concern are comprised of Benzene, Toluene, Ethylbenzene, m-Xylene and p-Xylene, o-Xylene and Benzo(a)Pyrene.

Results from the USEPA Methods 8021 and 8100 laboratory analyses conducted on the groundwater samples collected from MW-1 through MW-4, MW-6 and MW-7 on November 20, 1998 did not identify the presence of the mentioned chemicals of concern at concentrations which exceed NYSDEC Water Quality Standards and Guidance Values. Laboratory analyses conducted on the groundwater sample collected from monitoring well MW-5 detected a concentration of Benzene which exceeds the NYSDEC Water Quality Standards and Guidance Values.

Figure 1 in Appendix A reveals a site map which illustrates the layout of the site including the location of monitoring wells MW-1 through MW-7. A groundwater elevation map illustrating the groundwater elevation across the site is provided as Figure 2 in Appendix A. According to the groundwater elevation map, the general direction of groundwater flow is to the northwest. Previous groundwater elevation data indicates that groundwater flow patterns across the site have varied.



1.0 EXECUTIVE SUMMARY (Cont'd)

In the Soil Excavation and Site Investigation Report dated April 7, 1998, CES recommended conducting four successive quarters of groundwater monitoring. This monitoring event serves as part three of the four part monitoring program. Upon completion of the final quarter of groundwater monitoring (1ST Quarter 1999), CES will compare site contaminate concentrations with RCBA Tier I screening levels for those site conceptual exposure scenarios (SCES) which apply to the site.

2.0 GROUNDWATER SAMPLING

On November 20, 1998, CES collected groundwater samples from seven groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6 and MW-7) located at Main & West Ames Streets in Mexico, New York.

Groundwater Monitoring Well Sampling Procedures

The following procedures were utilized to obtain groundwater samples from monitoring wells MW-1 through MW-7:

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.
3. Water in the well was checked for temperature and pH using portable field instrumentation.



2.0 GROUNDWATER SAMPLING (Cont'd)

Groundwater Monitoring Well Sampling Procedures (Cont'd)

4. After completing initial field measurements, each well was evacuated using dedicated PVC bailers in a manner which created the least turbidity. Approximately three (3) to five (5) well volumes of water was removed from each well, or until the well went dry.
5. The wells were allowed to 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.
6. Samples were collected in the appropriate bottles along with the required preservatives for the analyses to be performed.
7. Trip blanks and replicate samples were collected and submitted to the laboratory along with the samples.
8. Sample Characterization/Chain-of-Custody forms were completed prior to samples leaving the site.
9. 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.

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. CES is certified by the New York State Department of Health (NYSDOH) under the Department's Environmental Laboratory Approval Program (ELAP -Laboratory ID No. 11246).



3.0 LABORATORY ANALYSES

Water samples were analyzed utilizing the following methods:

- USEPA Method 8021 (Volatile Organics)
- USEPA Method 8100 (Semi-Volatile Organics)

The referenced analytical methodology is acceptable to the NYSDOH, the NYSDEC and/or the USEPA.

4.0 GROUNDWATER MONITORING: RESULTS FROM LABORATORY ANALYSES

Results from the USEPA Methods 8021 and 8100 laboratory analyses conducted on the groundwater samples collected from monitoring wells MW-1 through MW-4, MW-6 and MW-7 on November 20, 1998 did not identify the presence of the mentioned chemicals of concern at concentrations which exceed NYSDEC Water Quality Standards and Guidance Values. Laboratory analyses conducted on the groundwater sample collected from monitoring well MW-5 detected a concentration of 7.3ug/L Benzene which exceeds the NYSDEC Water Quality Standards and Guidance Values.

5.0 GROUNDWATER ELEVATION DATA

The general direction of groundwater flow has been estimated based on groundwater elevations measured at the monitoring wells on November 20, 1998. Groundwater elevation data suggests a northwesterly groundwater flow direction. Groundwater elevation data from previous monitoring periods indicates variable flow patterns. A groundwater contour map representing groundwater elevations measured on November 20, 1998 is illustrated on Figure 2 of Appendix A. A summary of the groundwater elevations has been included as Appendix D.



6.0 CONCLUSIONS AND RECOMMENDATIONS

In January/February 1998, four hundred and two (402) tons of petroleum-contaminated soil was excavated from the AOI facility located at the southeast corner Main and West Ames Streets, Mexico, New York and disposed of at the Solid Waste Management Facility in Rodman, New York. Those accessible soils determined to be contaminated through screening of total volatile organic vapor concentrations, were mitigated by excavation. Remaining soils exhibit contaminate concentrations below saturated concentrations as outlined in Section I.B.2(b)(I) of the Agreement. Therefore, the soils underlying the property are currently conducive to a Tier I evaluation of the site.

During the 4TH Quarter 1998 groundwater monitoring event at Main and West Ames Streets, Mexico, New York groundwater samples were collected from monitoring wells MW-1 through MW-7. Results from the USEPA Methods 8021 and 8100 laboratory analyses conducted on the groundwater samples collected from MW-1 through MW-4, MW-6 and MW-7 on November 20, 1998 did not identify the presence of chemicals of concern at concentrations which exceed NYSDEC Water Quality Standards and Guidance Values. Laboratory analyses conducted on the groundwater sample collected from monitoring well MW-5 detected a concentration of Benzene which exceeds the NYSDEC Water Quality Standards and Guidance Values.

In the Soil Excavation and Site Investigation Report dated April 7, 1998, CES recommended conducting four successive quarters of groundwater monitoring. This monitoring event serves as part three of the four part monitoring program. Upon completion of the final quarter of groundwater monitoring (1ST Quarter 1999), CES will compare site contaminate concentrations with RCBA Tier I screening levels for those site conceptual exposure scenarios (SCES) which apply to the site.



APPENDIX A

Figure 1 - Site Plan

Figure 2 - 4TH Quarter 1998 Groundwater Elevation Map

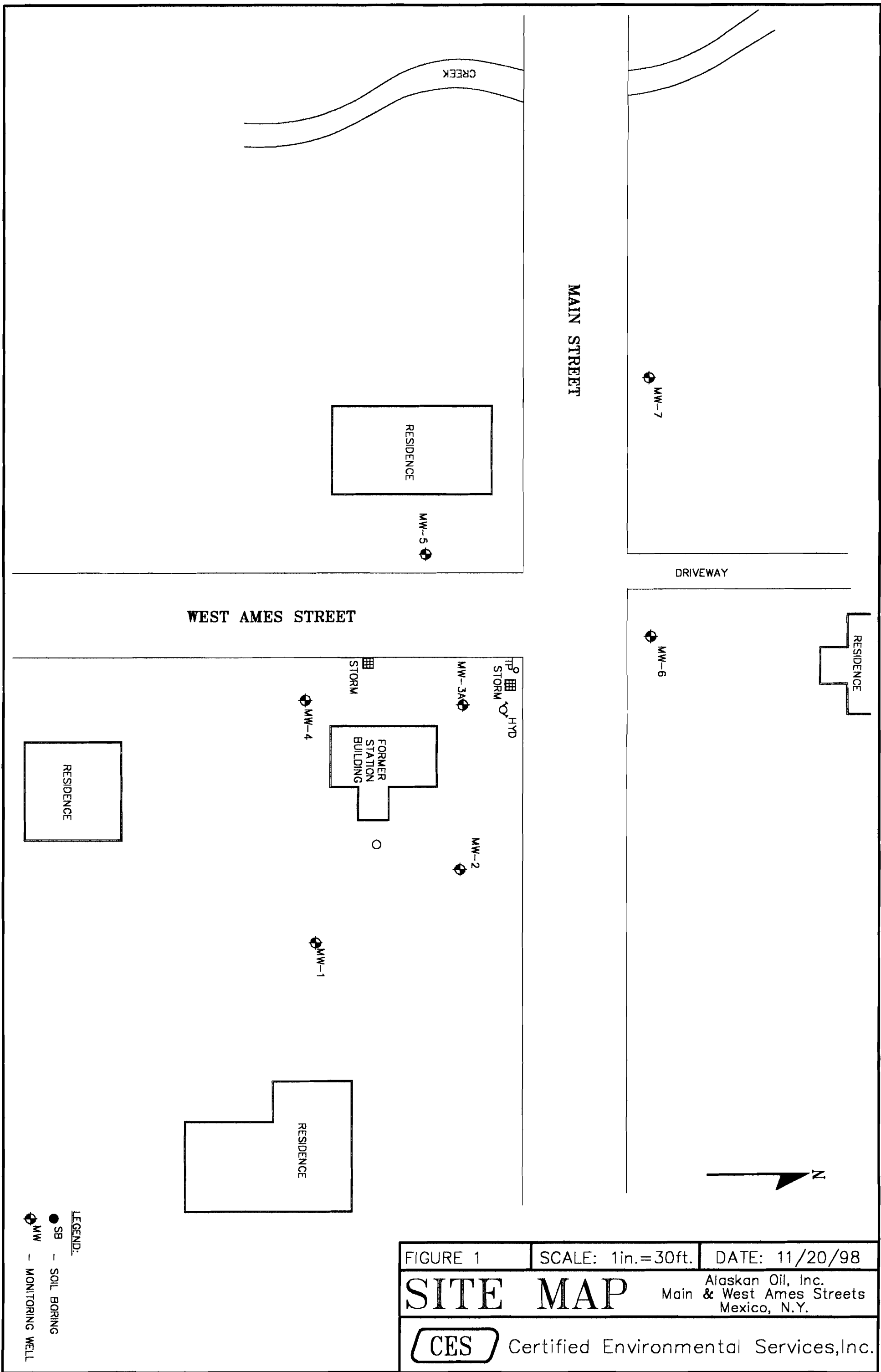
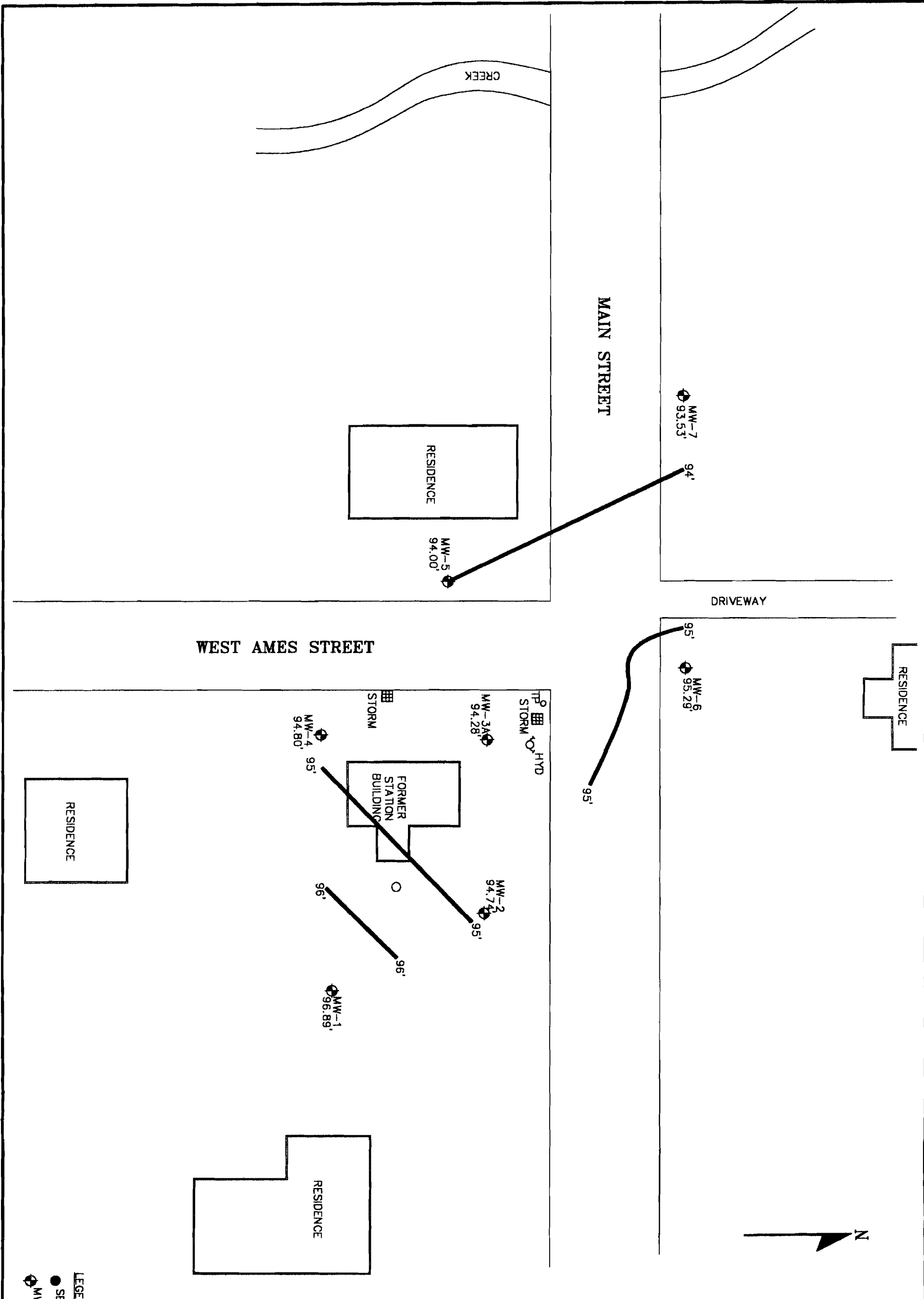


FIGURE 1	SCALE: 1in.=30ft.	DATE: 11/20/98
SITE MAP		Alaskan Oil, Inc. Main & West Ames Streets Mexico, N.Y.
CES Certified Environmental Services, Inc.		



LEGEND:
 ● SB - SOIL BORING
 ⊕ MW - MONITORING WELL

FIGURE 2	SCALE: 1in.=30ft.	DATE: 11/20/98
GROUNDWATER ELEVATION MAP		Alaskan Oil, Inc. Main & West Ames Streets Mexico, N.Y.
CES	Certified Environmental Services, Inc.	



APPENDIX B

Summary of Groundwater Monitoring Laboratory Analytical Results



**Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York**

Summary of Groundwater Analytical Data for MW-1

Chemicals	NYSDEC Water	1st 1997	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	NOT	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	03/21/97	05/08/97	09/10/97	SAMPLED	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 ug/L	< 0.7	< 0.7	< 0.7	NS	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	20 ug/L	< 5.0	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 5	NS	< 5	< 5	< 5	< 5

BTEX analyzed in accordance with USEPA Method 8021

NS = Not Sampled

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



**Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York**

Summary of Groundwater Analytical Data for MW-2

Chemicals	NYSDEC Water	1st 1997	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	NOT	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	03/21/97	05/08/97	09/10/97	SAMPLED	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 ug/L	< 0.7	< 0.7	< 0.7	NS	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	20 ug/L	< 5.0	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 5	NS	< 5	< 5	< 5	< 5

BTEX analyzed in accordance with USEPA Method 8021

NS = Not Sampled

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



**Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York**

Summary of Groundwater Analytical Data for MW-3/MW-3A

Chemicals	NYSDEC Water	1st 1997	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	NOT	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	03/21/97	05/08/97	09/10/97	SAMPLED	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 ug/L	< 25	< 25	< 25	NS	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	160	100	526	NS	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	870	770	146	NS	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	2,850	2,600	2,900	NS	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	450	540	136	NS	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	20 ug/L	760	570	610	NS	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 25	NS	< 5	< 5	< 5	< 5

BTEX analyzed in accordance with USEPA Method 8021

NS = Not Sampled

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



**Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York**

Summary of Groundwater Analytical Data for MW-4

Chemicals	NYSDEC Water	1st 1997	2nd 1997	3rd 1997	4th 1997	1st 1998	2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	NOT	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	03/21/97	05/08/97	09/10/97	SAMPLED	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 ug/L	< 0.7	< 0.7	< 0.7	NS	< 0.7	< 0.7	< 0.7	< 0.7
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	20 ug/L	< 5.0	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 5	NS	< 5	< 5	< 5	< 5

BTEX analyzed in accordance with USEPA Method 8021

NS = Not Sampled

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



Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York

Summary of Groundwater Analytical Data for MW-5

Chemicals	NYSDEC Water	1st 1998		2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	02/05/98	03/23/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 ug/L	51	14	< 0.7	16	7.3
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 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
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	20 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	NA	< 5	< 5	< 5

BTEX 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

NOTE: Well installed February 4, 1998



Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York

Summary of Groundwater Analytical Data for MW-6

Chemicals	NYSDEC Water	1st 1998	2nd 1998	3rd 1998	4th 1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 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	20 ug/L	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 5	< 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

NOTE: Well installed February 4, 1998



Alaskan Oil, Inc.
Main & West Ames Streets
Mexico, New York

Summary of Groundwater Analytical Data for MW-7

Chemicals	NYSDEC Water	1st 1998	2nd 1998	3rd 1998	4th1998
of	Quality Standard &	(in ug/L)	(in ug/L)	(in ug/L)	(in ug/L)
Concern	Guidance Values	02/05/98	05/29/98	08/04/98	11/20/98
Benzene	0.7 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	20 ug/L	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)Pyrene	10 ug/L	< 5	< 5	< 5	< 5

BTEX 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

NOTE: Well installed February 4, 1998



APPENDIX C

**Results from Laboratory Analyses:
4TH Quarter 1998 Sampling Event November 20, 1998**



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REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177164 SAMPLE ID- MW-1
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA
TIME SAMPLED- 1315
RECEIVED BY- CAM
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
EPA 8021 Scan	EPA 8021		12/04/98		BLD	
Benzene	EPA 8021		12/04/98		BLD	< 0.7 ug/L
Toluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
Ethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
o-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L
Naphthalene	EPA 8021		12/04/98		BLD	< 5.0 ug/L
Methyl-t-Butyl Ether	EPA 8021		12/04/98		BLD	< 5.0 ug/L
EPA 8100 Scan	EPA 8100	11/25/98	BJC 12/10/98		KMS	
Naphthalene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Acenaphthylene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Acenaphthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Fluorene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L



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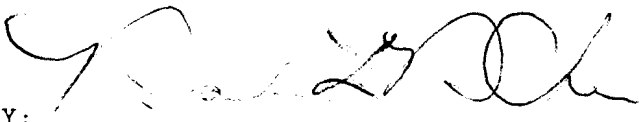
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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177164

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Phenanthrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Chrysene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY28683
1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107CLIENT: ALASKAN OIL, INC.LOG NO. 177164CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 1LOCATION: AOI/PEF # 358 MEXICO, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1100 Purge End Time: 1107Total Well Depth 14.60' # Well Volumes Purged 1.5 Color clr 1/1r. 1/1r. 1/1r.Depth to Water 5.19' Total Volume Purged Purged dry @ 2.5 gal. Turbidity L 12 IMWell Volume 1.5 Final Depth to Water 5.33' Odor: sulphurPurge Method BAILER SAMPLE COLLECTED: Time 1315 Date 11/20/98WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.0</u>		<u>4.5°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.0</u>		Redox
Final Reading	<u>7.0</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:

Date 11/20/98 Time 1315 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	<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	☐ NYSDOH 310-13	☒ EPA 8021	☐ EPA 502.2
☒ 8270 (Base Neutrals)	☐ EPA 624	☒ EPA 8100	☐ EPA 601/602

NOTES: QUARTERLY SAMPLING

Collected By <u>Kevin R. Rowe</u>	Date <u>11/20/98</u>
Delivered By <u>Kevin R. Rowe</u>	Date <u>11/20/98</u> Time <u>1630</u>
Received By <u>Christine Mignone</u>	Date <u>11/20/98</u> Time <u>1630</u>



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REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177165 SAMPLE ID- MW-2
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		12/04/98		BLD		
Benzene	EPA 8021		12/04/98		BLD	< 0.7 ug/L	
Toluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		12/04/98		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		12/04/98		BLD	49 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC 12/10/98		KMS		
Naphthalene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	



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Syracuse, NY 13210
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Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177165

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Phenanthrene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Benzo(a) Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Chrysene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Benzo(b) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Benzo(k) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Benzo(a) Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Indeno(1,2,3-cd) Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Dibenzo(a,h) Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		
Benzo(ghi) Perylene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L		

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
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Services, Inc.MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107CLIENT: ALASKAN OIL, INC.LOG NO. 177165CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 2LOCATION: AOI/PEF # 358 MEXICO, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1110 Purge End Time: 1120Total Well Depth 14.70' # Well Volumes Purged 2 Color clr 1/16 inq 1 bryDepth to Water 6.01' Total Volume Purged Purged dry @ 3 gal. Turbidity 2 1 m 1HWell Volume 1.4 Final Depth to Water 6.32' Odor: NonePurge Method BAILER SAMPLE COLLECTED: Time 1330 Date 11/20/98WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS: pH pH Calibration Conductivity Temperature

Initial Reading _____ @ 4.0 Std = 4.0 _____ 5.5°CIntermediate Reading _____ @ 7.0 Std = 7.0 _____ RedoxFinal Reading 7.1 @ 10.0 Std = 10.0 _____

SAMPLE PRESERVATION:

Date 11/20/98 Time 1330 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) 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/ListNYSDEC Part 360 Routine ☐ NYSDOH 310-13 ☒ EPA 8021 ☐ EPA 502.2
8270 (Base Neutrals) ☐ EPA 624 ☒ EPA 8100 ☐ EPA 601/602NOTES: QUARTERLY SAMPLINGCollected By Kevin R. Rowe Date 11-20-98Delivered By Kevin R. Rowe Date 11-20-98 Time 1630Received By Christine Miguel Date 11/20/98 Time 1630

REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177166 SAMPLE ID- MW-3A
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021		12/04/98		BLD		
Benzene	EPA 8021		12/04/98		BLD	< 0.7 ug/L	
Toluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		12/04/98		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		12/04/98		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC 12/10/98		KMS		
Naphthalene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	



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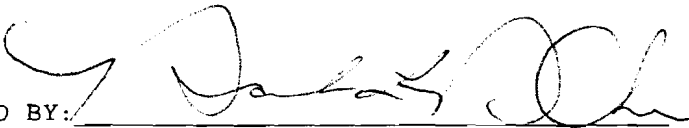
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Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177166

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Phenanthrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Chrysene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(b) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(k) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a) Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Indeno(1,2,3-cd) Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Dibenzo(a,h) Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(ghi) Perylene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
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Services, Inc.**MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY**1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107CLIENT: ALASKAN OIL, INC.LOG NO. 177166CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 3ALOCATION: AOI/PEF # 358 MEXICO, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1125 Purge End Time: 1132Total Well Depth 13.85' # Well Volumes Purged 1.5 Color clr / 1/1.6m / 1/1.6mDepth to Water 4.40' Total Volume Purged Purged dry @ 2.5 gal Turbidity L / M / HWell Volume 1.5 Final Depth to Water 4.59' Odor: NonePurge Method BAILER SAMPLE COLLECTED: Time 1345 Date 11/20/98WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.0</u>		<u>5.5°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.0</u>		Redox
Final Reading	<u>7.1</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:Date 11/20/98 Time 1345 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	☐ NYSDOH 310-13	☒ EPA 8021	☐ EPA 502.2
☒ 8270 (Base Neutrals)	☐ EPA 624	☒ EPA 8100	☐ EPA 601/602

NOTES: QUARTERLY SAMPLINGCollected By Kevin R. RoweDate 11/20/98Delivered By Kevin R. RoweDate 11/20/98Time 1630Received By Christine MiguelDate 11/20/98Time 1630



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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, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177167 SAMPLE ID- MW-4
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
EPA 8021 Scan	EPA 8021			12/04/98			BLD		
Benzene	EPA 8021			12/04/98			BLD	< 0.7 ug/L	
Toluene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
o-Xylene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Naphthalene	EPA 8021			12/04/98			BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021			12/04/98			BLD	104 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC	12/10/98			KMS		
Naphthalene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	



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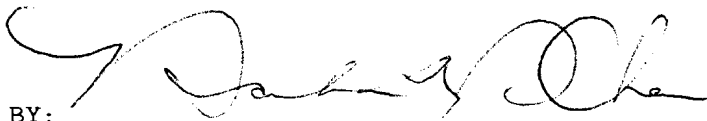
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Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177167

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Phenanthrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a) Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Chrysene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(b) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(k) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(a) Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Indeno(1,2,3-cd) Pyrene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Dibenzo(a,h) Anthracene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L
Benzo(ghi) Perylene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

CESCertified
Environmental
Services, Inc.**MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY**1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107CLIENT: ALASKAN OIL, INC.LOG NO. 177167CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 4LOCATION: AOI/PEF # 358 MEXICO, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1135 Purge End Time: 1147Total Well Depth 17.00' # Well Volumes Purged 3 Color clr 1 hr. in 1 bryDepth to Water 6.67' Total Volume Purged Purged dry 5 gal. Turbidity 2.1 in 1 hrWell Volume 1.65 Final Depth to Water 6.95' Odor: NonePurge Method BAILER SAMPLE COLLECTED: Time 1400 Date 11/20/98WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS: pH pH Calibration Conductivity Temperature

Initial Reading _____ @ 4.0 Std = 4.0 _____ 4.5°CIntermediate Reading _____ @ 7.0 Std = 7.0 _____ RedoxFinal Reading 7.0 @ 10.0 Std = 10.0 _____**SAMPLE PRESERVATION:**Date 11/20/98 Time 1400 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) 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 ☐ NYSDOH 310-13 ☒ EPA 8021 ☐ EPA 502.2
☒ 8270 (Base Neutrals) ☐ EPA 624 ☒ EPA 8100 ☐ EPA 601/602NOTES: QUARTERLY SAMPLINGCollected By Kevin R. Rowe Date 11/20/98Delivered By Kevin R. Rowe Date 11/20/98 Time 1630Received By Christine Migue Date 11/20/98 Time 1630

REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177168 SAMPLE ID- MW-5
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
EPA 8021 Scan	EPA 8021			12/04/98			BLD		
Benzene	EPA 8021			12/04/98			BLD	7.3 ug/L	
Toluene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
o-Xylene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021			12/04/98			BLD	< 1.0 ug/L	
Naphthalene	EPA 8021			12/04/98			BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021			12/04/98			BLD	82 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC	12/10/98			KMS		
Naphthalene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC	12/10/98			KMS	< 5 ug/L	



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Services, Inc.**

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Syracuse, NY 13210
Phone 315-478-2374
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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177168

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Chrysene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Benzo(b) Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Benzo(k) Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Benzo(a) Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Indeno(1,2,3-cd) Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5	ug/L
Benzo(ghi) Perylene	EPA 8100	11/25/98	BJC 12/10/98		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

CLIENT: ALASKAN OIL, INC. LOG NO. 177168
CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 5
LOCATION: AOI/PEF # 358 MEXICO, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1150 Purge End Time: 1200
Total Well Depth 13.70' # Well Volumes Purged 2.5 Color clr / clr 11.6 mg
Depth to Water 4.14' Total Volume Purged Purged dry @ 4 gal Turbidity 1 / 1 / 1 m
Well Volume 1.5 Final Depth to Water 4.34' Odor: None
Purge Method BAILER SAMPLE COLLECTED: Time 1415 Date 11/20/98

WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.0</u>		<u>5.5°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.0</u>		Redox
Final Reading	<u>7.2</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:
Date 11/20/98 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)	<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 ☐ NYSDOH 310-13 ☒ EPA 8021 ☐ EPA 502.2
8270 (Base Neutrals) ☐ EPA 624 ☒ EPA 8100 ☐ EPA 601/602
CTES: QUARTERLY SAMPLING

Collected By <u>Kevin R. Rowe</u>	Date <u>11-20-98</u>
Delivered By <u>Kevin R. Rowe</u>	Date <u>11-20-98</u> Time <u>1630</u>
Received By <u>Christine Mignone</u>	Date <u>11/20/98</u> Time <u>1630</u>

REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177169 SAMPLE ID- MW-6
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

SAMPLE PREP ANALYSIS

ANALYSIS	METHOD	DATE	BY	DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			12/04/98		BLD		
Benzene	EPA 8021			12/04/98		BLD	< 0.7 ug/L	
Toluene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021			12/04/98		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021			12/04/98		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021			12/04/98		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC	12/10/98		KMS		
Naphthalene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC	12/10/98		KMS	< 5 ug/L	



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177169

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Phenanthrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Benzo(a)Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Chrysene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Benzo(b)Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Benzo(k)Fluoranthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Benzo(a)Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Dibenzo(a,h)Anthracene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L
Benzo(ghi)Perylene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

CESCertified
Environmental
Services, Inc.**MONITORING WELL
SAMPLE CHARACTERIZATION
& CHAIN-OF-CUSTODY**1401 Erie Boulevard East
Syracuse, New York 13210
Ph (315) 478-2374 Fax (315) 478-2107CLIENT: ALASKAN OIL, INC.LOG NO. 177169CONTACT: RICHARD NEUGEBAUERWELL NO. MW - 6LOCATION: AOI/PEF # 358 MEXICO, N.Y.WELL TYPE/SIZE: 2" PVCWELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1205 Purge End Time: 1217Total Well Depth 13.85' # Well Volumes Purged 3 Color clr 1/16 by 1/16 byDepth to Water 3.49' Total Volume Purged Purged dry 0.5 gal. Turbidity 2 1/2 IMWell Volume 1.65 Final Depth to Water 3.77' Odor: NonePurge Method BAILER SAMPLE COLLECTED: Time 1430 Date 11/20/98WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS: pH pH Calibration Conductivity Temperature

Initial Reading _____ @ 4.0 Std = 4.0 _____ 5.5°CIntermediate Reading _____ @ 7.0 Std = 7.0 _____ RedoxFinal Reading 7.0 @ 10.0 Std = 10.0 _____**SAMPLE PRESERVATION:**Date 11/20/98 Time 1430 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) 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/ListNYSDEC Part 360 Routine ☐ NYSDOH 310-13 ☒ EPA 8021 ☐ EPA 502.2
8270 (Base Neutrals) ☐ EPA 624 ☒ EPA 8100 ☐ EPA 601/602NOTES: QUARTERLY SAMPLINGCollected By Kevin R. Rowe Date 11-20-98Delivered By Kevin R. Rowe Date 11-20-98 Time 1630Received By Christine Migue Date 11/20/98 Time 1630

REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177170 SAMPLE ID- MW-7
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

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

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY DATE				
EPA 8021 Scan	EPA 8021		12/04/98		BLD		
Benzene	EPA 8021		12/04/98		BLD	< 0.7 ug/L	
Toluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Ethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
m-Xylene & p-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
o-Xylene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Isopropylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Propylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,3,5-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
tert-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
1,2,4-Trimethylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
sec-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
p-Isopropyltoluene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
n-Butylbenzene	EPA 8021		12/04/98		BLD	< 1.0 ug/L	
Naphthalene	EPA 8021		12/04/98		BLD	< 5.0 ug/L	
Methyl-t-Butyl Ether	EPA 8021		12/04/98		BLD	< 5.0 ug/L	
EPA 8100 Scan	EPA 8100	11/25/98	BJC 12/10/98		KMS		
Naphthalene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthylene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Acenaphthene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	
Fluorene	EPA 8100	11/25/98	BJC 12/10/98		KMS	< 5 ug/L	



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 177170

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Phenanthrene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Benzo(a)Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Chrysene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Benzo(b) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Benzo(k) Fluoranthene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Benzo(a) Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Indeno(1,2,3-cd) Pyrene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	11/25/98	BJC	12/10/98		KMS		< 5	ug/L
Benzo(ghi) Perylene	EPA 8100	11/25/98	BJC	12/10/98		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

CLIENT: ALASKAN OIL, INC. LOG NO. 177170
CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 7
LOCATION: AOI/PEF # 358 MEXICO, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 11/20/98 Purge Start Time: 1220 Purge End Time: 1232
Total Well Depth 12.90' # Well Volumes Purged 3 Color chk 1/15.6mg / 6mg
Depth to Water 2.62' Total Volume Purged 4.5 gal Turbidity 2.1m / 1H
Well Volume 1.6 Final Depth to Water 2.80' Odor None
Purge Method BAILER SAMPLE COLLECTED: Time 1445 Date 11/20/98

WEATHER CONDITIONS: Rain TEMP. 38° WIND 5 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = <u>4.0</u>		<u>5.0°C</u>
Intermediate Reading		@ 7.0 Std = <u>7.0</u>		Redox
Final Reading	<u>7.0</u>	@ 10.0 Std = <u>10.0</u>		

SAMPLE PRESERVATION:
Date 11/20/98 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:

☐ 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	☐ NYSDOH 310-13	☒ EPA 8021	☐ EPA 502.2
☒ 8270 (Base Neutrals)	☐ EPA 624	☒ EPA 8100	☐ EPA 601/602

NOTES: QUARTERLY SAMPLING * QC collected

Collected By <u>Kevin R. Rowe</u>	Date <u>11-20-98</u>
Delivered By <u>Kevin R. Rowe</u>	Date <u>11-20-98</u> Time <u>1630</u>
Received By <u>Christine Maguire</u>	Date <u>11/20/98</u> Time <u>1630</u>

REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF, #358-Mexico
DATE: 12/12/98

SAMPLE NUMBER- 177171 SAMPLE ID- Trip Blank
DATE SAMPLED- 11/20/98
DATE RECEIVED- 11/20/98 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1630 DELIVERED BY- Kevin R. Rowe

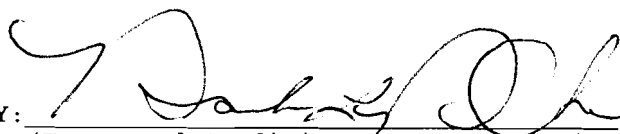
SAMPLE MATRIX- WA
TIME SAMPLED- 0930
RECEIVED BY- CAM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
EPA 8021 Scan	EPA 8021	12/04/98		BLD	
Benzene	EPA 8021	12/04/98		BLD	< 0.7 ug/L
Toluene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
Ethylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
m-Xylene & p-Xylene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
o-Xylene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
Isopropylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
n-Propylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
1,3,5-Trimethylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
tert-Butylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
1,2,4-Trimethylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
sec-Butylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
p-Isopropyltoluene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
n-Butylbenzene	EPA 8021	12/04/98		BLD	< 1.0 ug/L
Naphthalene	EPA 8021	12/04/98		BLD	< 5.0 ug/L
Methyl-t-Butyl Ether	EPA 8021	12/04/98		BLD	< 5.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions On Reverse Side)



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

SAMPLE CHARACTERIZATION/CHAIN-OF-CUSTODY

CLIENT: Alaskan oil, Inc.

LOG NO. 177171

CONTACT: Richard Neugebauer

PH# ()

SAMPLING INFORMATION:

SAMPLE ID: Trip Blank LOCATION: AUG/PER #358 Mexico, NY

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 11-20-98 Time 0930 By K.P. Rowe

SAMPLE PRESERVATION:

Date 11-20-98 Time 0930 By K.P. 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 821

NOTES: Quarterly Samples

Collected By Kenneth Rowe

Date 11-20-98

Delivered By Kenneth Rowe

Date 11-20-98

Time 1630

Received By Christine McGuire

Date 11/20/98

Time 1630

Received By _____

Date _____

Time _____



APPENDIX D

Groundwater Elevation Data Summary



Groundwater Elevation Data

ALASKAN OIL, INC.
MAIN & WEST AMES STREETS
MEXICO, NEW YORK

Sample Location	Top of Casing Elevation	Top of Screen Elevation	Groundwater Elevation Data				
			9/10/97	*2/05/98	5/29/98	8/4/98	11/20/98

MW-1	102.08	98.08	93.50	97.73	95.87	95.37	96.89
MW-2	100.75	96.75	92.85	94.19	93.55	93.77	94.74
MW-3	98.68	95.68	92.55	93.78	93.65	93.56	94.28
MW-4	101.47	97.47	92.71	94.93	94.46	94.57	94.80
MW-5	98.14	94.14	NA	94.09	93.59	93.50	94.00
MW-6	98.78	95.78	NA	95.73	93.91	93.55	95.26
MW-7	96.15	94.15	NA	95.90	93.15	92.89	93.53

Note: All measurements recorded in feet
*Monitoring wells resurveyed by CES in February 1998
Survey benchmark: Top nut on hydrant at NW corner of parcel
Top of Casing Elevation is Top of PVC riser