CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
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ALASKAN OIL, INC.
ROUTE 13 & CEMETERY STREET
ALTMAR, NEW YORK

SPILL ID #9614774

GROUNDWATER MONITORING SERVICES
3RD QUARTER 1999

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GROUNDWATER MONITORING SERVICES
3RD 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

November 23, 1999

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CES Certified Environmental Services, Inc.

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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 third quarter 1999 from groundwater monitoring wells and the on-site drinking water supply well.

CES was retained by AOI to conduct groundwater services at monitoring wells MW-1, MW-4 through MW-6, MW-9 through MW-12 and RW-1 on September 29, 1999. At the time of the sampling event, MW-9 was found to be dry, therefore a sample was unable to be collected. Groundwater samples were submitted 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 NYSDEC and/or the USEPA.

Results from laboratory analyses conducted on the groundwater sample collected from monitoring well MW-4 on September 29, 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-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 site's drinking water supply was sampled on September 29, 1999 by CES personnel. 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.

2.0 GROUNDWATER SAMPLING

2.1 Monitoring Well Sampling Procedures

On September 29, 1999 groundwater samples were collected by CES from groundwater monitoring wells MW-1, MW-4 through MW-6, MW-9 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.

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.

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2.1 Monitoring Well Sampling Procedures (Cont'd)

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 September 29, 1999 by CES personnel. 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.

3.0 LABORATORY ANALYTICAL RESULTS

3.1 Groundwater Monitoring Well Laboratory Analytical Results

Groundwater samples recovered on September 29, 1999 were submitted to CES for laboratory analyses for VOC contaminant concentrations following USEPA

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

Method 8021 and SVOC contaminant concentrations following USEPA Method 8100. Results from laboratory analyses conducted on the groundwater sample collected from monitoring well MW-4 on September 29, 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-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 2,400 ug/L of Benzene, 3,500 ug/L Toluene, 800 ug/L Ethylbenzene, 3,900 ug/L mixed Xylene and 275 ug/L Naphthalene was detected in the sample collected from MW-1 on September 29, 1999. Concentrations of 7.0 ug/L Benzene, 46 ug/L Toluene, 150 ug/L Ethylbenzene, 384 ug/L mixed Xylene and 55 ug/L Naphthalene was detected in the sample collected from MW-5. Concentrations of 430 ug/L of Benzene, 105 ug/L Toluene, 90 ug/L Ethylbenzene, 120 ug/L mixed Xylene and 28 ug/L Naphthalene was detected in the sample collected from MW-6. Concentrations of 1,900 ug/L of Benzene, 11,000 ug/L Toluene, 1,700 ug/L Ethylbenzene, 11,900 ug/L mixed Xylene and 650 ug/L Naphthalene was detected in the sample collected from MW-10. Concentrations of 2,800 ug/L Toluene, 1,600 ug/L Ethylbenzene, 10,800 ug/L mixed Xylene and 690 ug/L Naphthalene was detected in the sample collected from MW-11. Concentrations of 7,000 Benzene, 8,600 ug/L Toluene, 1,100 ug/L Ethylbenzene, 9,700 ug/L mixed Xylene and 800 ug/L Naphthalene was detected in the sample collected from MW-12. Concentrations of 7,200 ug/L Benzene, 16,000 ug/L Toluene, 1,200 ug/L Ethylbenzene, 17,100 ug/L mixed Xylene and 675 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. Samples were 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 the samples collected on September 29, 1999 indicates compliance with NYSDEC Water Quality Regulations. Results from laboratory analyses are provided in Appendix C.

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4.0 GROUNDWATER ELEVATION DATA

A groundwater elevation contour and flow direction map was created utilizing the relative elevation and position survey information and groundwater elevation data collected from the monitoring wells on September 29, 1999, see Figure 2 in Appendix A. The contoured groundwater elevation data indicates an apparent easterly flow. However, the groundwater has historically displayed a southwesterly flow direction across the site. Groundwater elevation data is scheduled to be collected during the fourth quarter to verify the apparent groundwater flow direction. The groundwater elevation data is included as Appendix D.

5.0 CONCLUSIONS

Third quarter 1999 groundwater samples were collected on September 29, 1999 from monitoring wells MW-1, MW-4 through MW-6, MW-10 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 sample collected from monitoring well MW-4 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-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 September 29, 1999 by CES personnel. 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.

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APPENDIX A

Figures

CREEK

CREEK

WETLAND

WETLAND

CEMETERY STREET

NEW YORK STATE ROUTE 13

N

GS-1

STORM SEWER OUTFALL AT CONCRETE STRUCTURE

MW-9

MW-10

MW-5

ST

ST

MW-8

MW-6

STORM

MW-1

MW-12

RW-1

PUMP ISLAND

UST FARM

LYNN'S SALMON RIVER INN

ALTMAR MINI MART

MW-11

MW-4

MW-2

MW-3

TRAILER

GARAGE

RESIDENCE

MW-7

CEMETERY STREET

RESIDENCE

CHURCH STREET

RESIDENCE

GARAGE

RESIDENCE

VFW

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 1 | SCALE: 1"=50' | DATE: 06/21/99

SITE MAP

Alaskan Oil, Inc.
Route 13 and Cemetery Street
Altmar, New York

CES Certified Environmental Services, Inc.

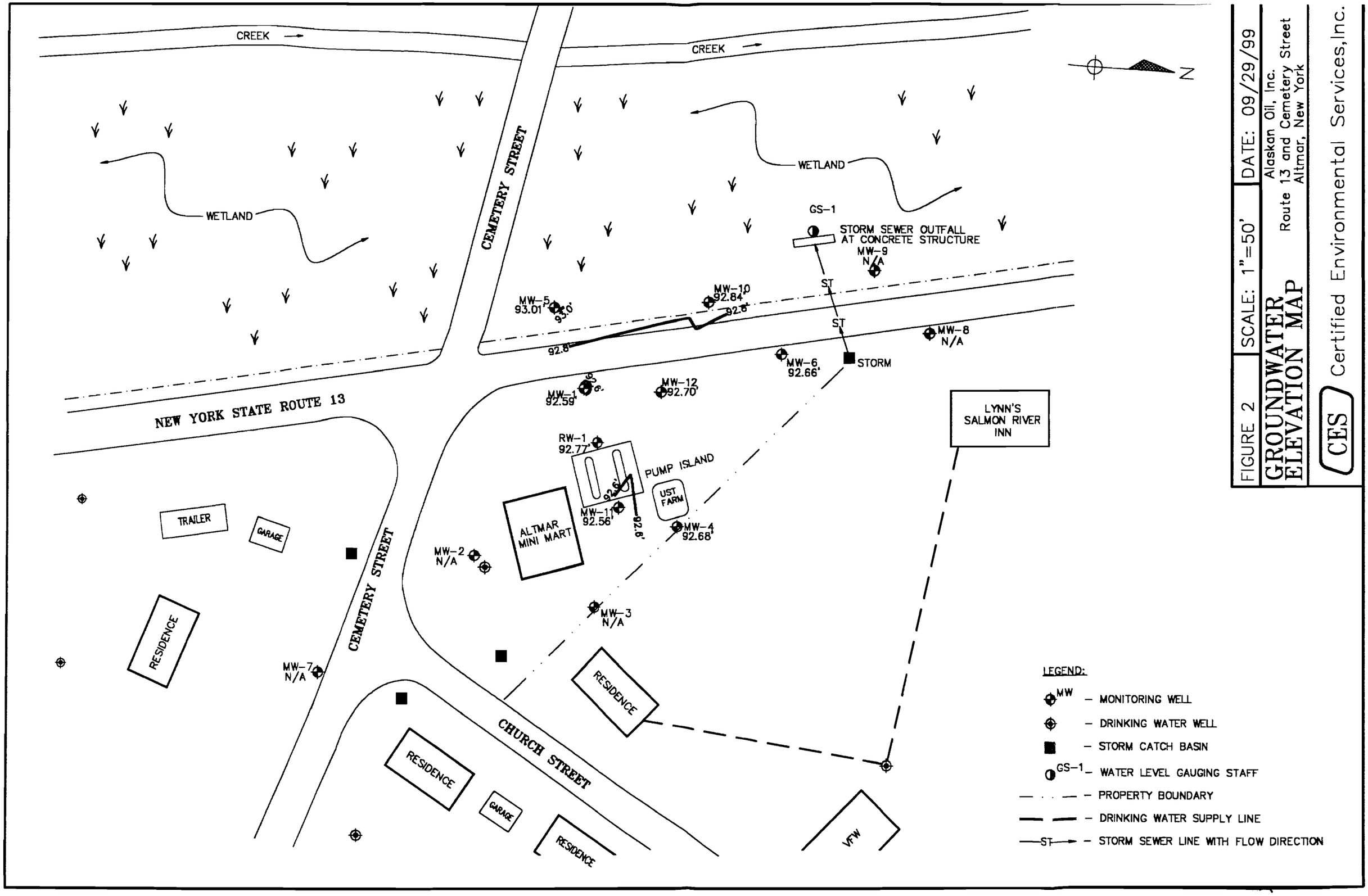

FIGURE 2 | SCALE: 1"=50' | DATE: 09/29/99

GROUNDWATER ELEVATION MAP

Alaskan Oil, Inc.
Route 13 and Cemetery Street
Altmar, New York

CES Certified Environmental Services, Inc.

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APPENDIX B

Analytical History File

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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 WATER QUALITY REGULATIONS	2nd 1997 Groundwater (in ug/L) 6/04/97	3rd 1997 Groundwater (in ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	**16,600**	**18,900**	**1,400**	**580**	FREE	**14,500**	**3,900**	**2,700**	**460**	**2,400**
Toluene	5 ug/L	**36,700**	**34,500**	**2,400**	**700**	PRODUCT	**26,000**	**9,600**	**6,400**	**450**	**3,500**
Ethylbenzene	5 ug/L	**4,300**	**3,400**	< 250	< 250		**3,500**	**1,400**	**1,200**	< 25	**800**
M-Xylene & P-Xylene	5 ug/L	**14,600**	**12,500**	**2,700**	**1,500**		**16,000**	**8,300**	**4,600**	**1,800**	**2,800**
O-Xylene	5 ug/L	**7,400**	**6,400**	**1,200**	**790**		**8,000**	**4,800**	**1,900**	**730**	**1,100**
Naphthalene	10 ug/L	**2,830**	**1,700**	**43**	**140**		**7,500**	**3,800**	**475**	**175**	**275**
Benzo(a)Pyrene	ND	< 50	< 5	< 10	< 50		< 1000	< 100	< 100	< 5	< 25
Methyl-T-Butyl-Ether	50 ug/L								< 250	< 100	< 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.

ND - Not Detectable

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Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York

Summary of Groundwater Analytical Results for MW-2

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1997 Groundwater (in ug/L) 6/04/97	3rd 1997 Groundwater (In ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/16/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	NS
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NS
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
Methyl-T-Butyl Ether	50 ug/L								< 5	< 5.0	NS

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

NS = Not Sampled

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Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York

Summary of Groundwater Analytical Results for MW-3

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1997 Groundwater (in ug/L) 6/04/97	3rd 1997 Groundwater (in ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	NS
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NS
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
Methyl-T-Butyl Ether	50 ug/L								< 5	< 5.0	NS

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
NS = Not Sampled

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Altmar, New York

Summary of Groundwater Analytical Results for MW-4

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1997 Groundwater (in ug/L) 6/04/97	3rd 1997 Groundwater (in ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	< 0.7	< 0.7	< 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	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 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	< 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	< 1.0	< 1.0
Naphthalene	10 ug/L	< 5.0	< 5.0	< 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	< 5	< 5
Methyl-T-Butyl Ether	50 ug/L								39	<5.0	<5.0

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

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Altmar, New York

Groundwater Analytical Results for MW-5

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	3rd 1997 Groundwater (In ug/L) 7/25/97	4th 1997 Groundwater (In ug/L) 10/13/97	1st 1998 Groundwater (In ug/L) 01/09/98	2nd 1998 Groundwater (In ug/L) 05/14/98	3rd 1998 Groundwater (In ug/L) 08/06/98	4th 1998 Groundwater (In ug/L) 11/13/98	1st 1999 Groundwater (In ug/L) 02/08/99	2nd 1999 Groundwater (In ug/L) 06/21/99	3rd 1999 Groundwater (In ug/L) 09/29/99
Benzene	1 ug/L	**4.9**	< 0.7	< 0.7	< 5.0	< 5.0	**4.0**	< 0.7	< 5.0	**7.0**
Toluene	5 ug/L	**55**	**9.6**	4.4	< 5.0	**9.0**	**14**	< 1.0	**10**	**46**
Ethylbenzene	5 ug/L	**88**	**75**	**12**	**14**	**75**	**93**	**5.1**	**35**	**150**
M-Xylene & P-Xylene	5 ug/L	**260**	**100**	**42**	< 5.0	**39**	**82**	**16**	**32**	**340**
O-Xylene	5 ug/L	**27**	4.7	**6.0**	< 5.0	< 5.0	< 5.0	4.8	**9.1**	**44**
Naphthalene	10 ug/L	**22**	15	10	< 5.0	**34**	**32**	**22**	**16**	**55**
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	<5	<5
Methyl-T-Butyl Ether	50 ug/L							< 5	< 10	< 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

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Groundwater Analytical Results for MW-6

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	3rd 1997 Groundwater (in ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	1900	16	1,400	1,000	750	675	280	220	430
Toluene	5 ug/L	240	1.4	< 25	430	47	35	60	<25	105
Ethylbenzene	5 ug/L	97	5.2	72	186	130	180	44	<25	90
M-Xylene & P-Xylene	5 ug/L	807	9.4	190	350	210	210	26	140	105
O-Xylene	5 ug/L	150	3.5	< 25	84	25	< 25	44	<25	15
Naphthalene	10 ug/L	103	< 5.0	100	14	24	19	20	9.3	28
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-T-Butyl Ether	50 ug/L							< 25	<100	<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

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Altmar Mini Mart
Rte 13 & Cemetary Road
Altmar, New York

Groundwater Analytical Results for MW-7

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	3rd 1997 Groundwater (in ug/L) 7/25/97	4th 1997 Groundwater (in ug/L) 10/13/97	1st 1998 Groundwater (in ug/L) 01/09/98	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	NS
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NS
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
Methyl-T-Butyl Ether	50 ug/L							< 5	< 5.0	NS

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

NS = Not Sampled

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

Groundwater Analytical Results for MW-8

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1998 Groundwater (In ug/L) 05/14/98	3rd 1998 Groundwater (In ug/L) 08/06/98	4th 1998 Groundwater (In ug/L) 11/13/98	1st 1999 Groundwater (In ug/L) 02/08/99	2nd 1999 Groundwater (In ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	0.9	< 0.7	**7.9**	**3.9**	<0.7	NS
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NS
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	NS
Methyl-T-Butyl Ether	50 ug/L				< 5	< 5.0	NS

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

NS = Not Sampled

CES

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

Groundwater Analytical Results for MW-9

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	NS
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
M-Xylene & P-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
O-Xylene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS
Naphthalene	10 ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NS
Benzo(a)Pyrene	ND	< 5	< 5	< 5	< 5	< 5	NS
Methyl-T-Butyl Ether	50 ug/L				< 5	< 5.0	NS

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

NS = Not Sampled

CES

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

Groundwater Analytical Results for MW-10

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	2nd 1998 Groundwater (in ug/L) 05/14/98	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	2,700	3,600	3,800	3,400	2,500	1,900
Toluene	5 ug/L	6,400	22,500	21,000	23,000	20,000	11,000
Ethylbenzene	5 ug/L	410	2,700	2,200	4,000	2,500	1,700
M-Xylene & P-Xylene	5 ug/L	1,600	10,500	10,700	15,600	10,700	9,400
O-Xylene	5 ug/L	390	3,500	4,300	6,500	4,000	2,500
Naphthalene	10 ug/L	63	340	200	1,200	160	650
Benzo(a)Pyrene	ND	< 5	< 50	< 10	< 100	< 5	< 25
Methyl-T-Butyl Ether	50 ug/L				< 2,500	< 500	< 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

CES

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

Groundwater Analytical Results for MW-11

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	**8,000**	**10,000**	**7,600**	**9,400**	< 100
Toluene	5 ug/L	**17,500**	**19,500**	**16,700**	**33,500**	**2,800**
Ethylbenzene	5 ug/L	**2,300**	**2,600**	**2,800**	**3,600**	**1,600**
M-Xylene & P-Xylene	5 ug/L	**9,000**	**10,000**	**9,600**	**18,800**	**7,300**
O-Xylene	5 ug/L	**4,400**	**3,900**	**4,700**	**930**	**3,500**
Naphthalene	10 ug/L	**800**	**260**	**420**	**2,300**	**690**
Benzo(a)Pyrene	ND	< 50	< 10	< 100	< 50	< 25
Methyl-T-Butyl Ether	50 ug/L			< 2,500	< 2,500	< 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

CES

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

Groundwater Analytical Results for MW-12

Chemical of Concern	NYSDEC WATER QUALITY REGULATIONS	3rd 1998 Groundwater (in ug/L) 08/06/98	4th 1998 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	**60**	**100**	**32**	<100	**7,000**
Toluene	5 ug/L	**2,400**	**2,800**	**118**	**770**	**8,600**
Ethylbenzene	5 ug/L	**1,400**	**1,900**	**165**	<100	**1,100**
M-Xylene & P-Xylene	5 ug/L	**6,800**	**8,700**	**680**	**4,600**	**6,600**
O-Xylene	5 ug/L	**3,100**	**3,500**	**220**	**1,700**	**3,100**
Naphthalene	10 ug/L	**360**	**580**	**68**	**420**	**800**
Benzo(a)Pyrene	ND	< 50	< 10	< 5	< 5	< 25
Methyl-T-Butyl Ether	50 ug/L			< 100	< 500	< 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

CES

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 Groundwater (in ug/L) 11/13/98	1st 1999 Groundwater (in ug/L) 02/08/99	2nd 1999 Groundwater (in ug/L) 06/21/99	3rd 1999 Groundwater (in ug/L) 09/29/99
Benzene	1 ug/L	**5,100**	**8,700**	**7,000**	**7,200**
Toluene	5 ug/L	**16,000**	**18,250**	**25,000**	**16,000**
Ethylbenzene	5 ug/L	**1,800**	**1,500**	**1,500**	**1,200**
M-Xylene & P-Xylene	5 ug/L	**13,100**	**12,750**	**15,400**	**11,000**
O-Xylene	5 ug/L	**6,800**	**6,800**	**6,900**	**6,100**
Naphthalene	10 ug/L	**260**	**525**	**1,400**	**675**
Benzo(a)Pyrene	ND	< 10	< 100	< 50	< 25
Methyl-T-Butyl Ether	50 ug/L		< 1,000	< 1,000	< 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

CES

APPENDIX C

Results from Laboratory Analyses
3RD Quarter 1999 Sampling

CES

Groundwater Monitoring Well Laboratory Analytical Reports

CES 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: 10/28/99

SAMPLE NUMBER- 199516 SAMPLE ID- MW-1 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1150
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	2400	ug/L
Toluene	EPA 8021			10/13/99		BLD	3500	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	800	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	2800	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	1100	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	25	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	98	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	350	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 25	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	950	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 25	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 25	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	130	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	275	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 100	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/26/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/26/99		BJC	210	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

CES Certified Environmental Services, Inc.

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

CONTINUATION OF DATA FOR SAMPLE NUMBER 199516

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	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) 478-2374 Fax (315) 478-2107

34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199516

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 1

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 9:45 Purge End Time: 9:55

Total Well Depth 11.75' # Well Volumes Purged 4 Color BRN, →, Grey

Depth to Water 6.13' Total Volume Purged 2 gal. Turbidity H, H, H

Well Volume .89 Final Depth to Water N/A Odor Petro w/sheen

Purge Method BAILER SAMPLE COLLECTED: Time 11:50 Date 9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.6	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

CES 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: 10/28/99

SAMPLE NUMBER- 199517 SAMPLE ID- MW-4 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1135
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	< 0.7	ug/L
Toluene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 5.0	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/25/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L

Certified Environmental Services, Inc.

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

CONTINUATION OF DATA FOR SAMPLE NUMBER 199517

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 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) 478-2374 Fax (315) 478-2107

34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199517

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 4

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 9:15 Purge End Time: 9:20

Total Well Depth	9.30'	# Well Volumes Purged	4	Color	Lt. BRN, →, Rust
Depth to Water	6.63'	Total Volume Purged	1.5 gal.	Turbidity	M, H, H
Well Volume	.42	Final Depth to Water	N/A	Odor	NONE
Purge Method	BAILER	SAMPLE COLLECTED: Time	11:35	Date	9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.8	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 1630

CES 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: 10/28/99

SAMPLE NUMBER- 199518 SAMPLE ID- MW-5 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1225
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	7.0	ug/L
Toluene	EPA 8021			10/13/99		BLD	46	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	150	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	340	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	44	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	9.5	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	34	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	55	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	220	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	33	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	55	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 25	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/25/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/25/99		BJC	29	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199518

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

CES

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MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

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34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199518

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 5

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 11:00 Purge End Time: 11:10

Total Well Depth 11.20' # Well Volumes Purged 4 Color Clear, → LT BRN.

Depth to Water 6.68' Total Volume Purged 3 gal. Turbidity L / H / H

Well Volume .72 Final Depth to Water N/A Odor Petro

Purge Method BAILER SAMPLE COLLECTED: Time 12:25 Date 9-29-99

WEATHER CONDITIONS:

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.5	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

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REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF #326-Altmar
DATE: 10/28/99

SAMPLE NUMBER- 199519 SAMPLE ID- MW-6 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1215
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	430	ug/L
Toluene	EPA 8021			10/13/99		BLD	105	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	90	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	105	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	15	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	6.5	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	24	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	< 5.0	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	28	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 25	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/25/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/25/99		BJC	13	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199519

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/25/99		BJC	< 5	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

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MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

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34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199519

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 6

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 10:45 Purge End Time: 10:55

Total Well Depth 11.30' # Well Volumes Purged 4 Color Rust, →, BRN

Depth to Water 5.80' Total Volume Purged 3.5 gal. Turbidity H, H, H

Well Volume .88 Final Depth to Water N/A Odor Petro/Sewer

Purge Method BAILER SAMPLE COLLECTED: Time 12:15 Date 9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.3	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16[30]

CES Certified Environmental Services, Inc.

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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: 10/28/99

SAMPLE NUMBER- 199520 SAMPLE ID- MW-10 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 LOCATION- NOT SPECIFIED TIME SAMPLED- 1235
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	1900	ug/L
Toluene	EPA 8021			10/13/99		BLD	11000	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	1700	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	9400	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	2500	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	140	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	860	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	2400	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	260	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	650	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 500	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/26/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/26/99		BJC	360	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199520

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

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MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

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34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199520

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 10

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 11:15 Purge End Time: 11:25

Total Well Depth 13.00' # Well Volumes Purged 4 Color Clear, → Lt Grey

Depth to Water 7.03' Total Volume Purged 3 gal. Turbidity L, M, H

Well Volume .95 Final Depth to Water N/A Odor Petro w/sheen

Purge Method BAILER SAMPLE COLLECTED: Time 12:35 Date 9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.5	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

CES Certified Environmental Services, Inc.

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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: 10/28/99

SAMPLE NUMBER- 199521 SAMPLE ID- MW-11 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1140
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	< 100	ug/L
Toluene	EPA 8021			10/13/99		BLD	2800	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	1600	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	7300	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	3500	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	110	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	510	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	1800	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	150	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	690	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 500	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/26/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/26/99		BJC	310	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199521

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

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Certified Environmental Services, Inc.

MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

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34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199521

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 11

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 9:25 Purge End Time: 9:40

Total Well Depth 14.00 ' # Well Volumes Purged 4 Color Clear, →, BRN

Depth to Water 6.91 ' Total Volume Purged 3.5 gal. Turbidity L, M, H

Well Volume 1.1 Final Depth to Water N/A Odor Petro

Purge Method BAILER SAMPLE COLLECTED: Time 11:40 Date 9-29-99

WEATHER CONDITIONS:

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	7.0	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

CES 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: 10/28/99

SAMPLE NUMBER- 199522 SAMPLE ID- MW-12 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1205
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	7000	ug/L
Toluene	EPA 8021			10/13/99		BLD	8600	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	1100	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	6600	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	3100	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	200	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	660	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	2300	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 100	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 100	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	220	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	800	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 500	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/26/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/26/99		BJC	460	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199522

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/26/99		BJC	< 25	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) 478-2374 Fax (315) 478-2107

34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199522

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 12

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 10:30 Purge End Time: 10:40

Total Well Depth 13.00'	# Well Volumes Purged 4	Color Lt BRN / → / BRN
Depth to Water 6.51'	Total Volume Purged 3 gal.	Turbidity M / H / H
Well Volume 1.0	Final Depth to Water N/A	Odor Petro w/sheen
Purge Method BAILER	SAMPLE COLLECTED: Time 12:05	Date 9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.6	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16:30

CES 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: 10/28/99

SAMPLE NUMBER- 199523 SAMPLE ID- RW-1 SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1155
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021			10/13/99		BLD		
Benzene	EPA 8021			10/13/99		BLD	7200	ug/L
Toluene	EPA 8021			10/13/99		BLD	16000	ug/L
Ethylbenzene	EPA 8021			10/13/99		BLD	1200	ug/L
m-Xylene & p-Xylene	EPA 8021			10/13/99		BLD	11000	ug/L
o-Xylene	EPA 8021			10/13/99		BLD	6100	ug/L
Isopropylbenzene	EPA 8021			10/13/99		BLD	< 250	ug/L
n-Propylbenzene	EPA 8021			10/13/99		BLD	< 250	ug/L
1,3,5-Trimethylbenzene	EPA 8021			10/13/99		BLD	750	ug/L
tert-Butylbenzene	EPA 8021			10/13/99		BLD	< 250	ug/L
1,2,4-Trimethylbenzene	EPA 8021			10/13/99		BLD	2600	ug/L
sec-Butylbenzene	EPA 8021			10/13/99		BLD	< 250	ug/L
p-Isopropyltoluene	EPA 8021			10/13/99		BLD	< 250	ug/L
n-Butylbenzene	EPA 8021			10/13/99		BLD	< 250	ug/L
Naphthalene	EPA 8021			10/13/99		BLD	675	ug/L
Methyl-t-Butyl Ether	EPA 8021			10/13/99		BLD	< 1000	ug/L
EPA 8100 Scan	EPA 8100	10/06/99	KMS	10/27/99		BJC		
Naphthalene	EPA 8100	10/06/99	KMS	10/27/99		BJC	250	ug/L
Acenaphthylene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Acenaphthene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Fluorene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 199523

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Phenanthrene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Anthracene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Fluoranthene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Pyrene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Benzo(a)Anthracene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Chrysene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Benzo(b)Fluoranthene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Benzo(k)Fluoranthene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Benzo(a)Pyrene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Indeno(1,2,3-cd)Pyrene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Dibenzo(a,h)Anthracene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	ug/L
Benzo(ghi)Perylene	EPA 8100	10/06/99	KMS	10/27/99		BJC	< 25	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) 478-2374 Fax (315) 478-2107

34009

CLIENT: ALASKAN OIL, INC. LOG NO. 199523

CONTACT: RICHARD NEUGEBAUER WELL NO. RW - 1

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 6" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: 10:00 Purge End Time: 10:25

Total Well Depth 19.50'	# Well Volumes Purged 4	Color Lt BRN / → / BRN
Depth to Water 6.68'	Total Volume Purged 15 gal.	Turbidity L M / M
Well Volume 8.2	Final Depth to Water N/A	Odor Petro
Purge Method BAILER	SAMPLE COLLECTED: Time 11:55	Date 9-29-99

WEATHER CONDITIONS: _____

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading	6.2	@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ Gallon (Plastic)		☐ Other	

PARAMETERS: ☐ See Attached Proposal/List

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

NOTES: QUARTERLY SAMPLING

Collected By Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

CES 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: 10/28/99

SAMPLE NUMBER- 199524 SAMPLE ID- Trip Blank SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 1345
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021	10/13/99		BLD		
Benzene	EPA 8021	10/13/99		BLD	< 0.7	ug/L
Toluene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021	10/13/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021	10/13/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021	10/13/99		BLD	< 5.0	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

SAMPLE CHARACTERIZATION/CHAIN-OF-CUSTODY

34009

CLIENT: AlasKan Oil, INC. LOG NO. 199524

CONTACT: Richard Neugebauer PH# ( )

SAMPLING INFORMATION:

SAMPLE ID: Trip Blank LOCATION: AOI/PEF Altmar Mini-Mart

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 9-29-99 Time 13:45 By DuLeare

SAMPLE PRESERVATION:

Date 9-28-99 Time 13:45 By DuLeare

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☑ HCl ☐ $Na_2S_2O_3$ ☑ Cooled to 4° C

☐ Other (Identify) _____

SAMPLE CONTAINERS:

Container	Qty		Qty
☐ Quart Jar (Glass w/Teflon Liner)	___	☑ 40 ml Vial with Teflon Liner	1
☐ 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: _____

Collected By DuLeare Date 9-29-99

Delivered By DuLeare Date 9-29-99 Time 16:30

Received By _____ Date _____ Time _____

Received By Deborah Squires Date 9-29-99 Time 16 30

CES
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. _____

CONTACT: RICHARD NEUGEBAUER WELL NO. MW - 9

LOCATION: AOI/PEF # 326 ALTMAR MINI-MART ALTMAR, N.Y. WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 9-29-99 Purge Start Time: : Purge End Time: :

Total Well Depth 12.85' # Well Volumes Purged 4 Color /→/

Depth to Water ' Total Volume Purged gal. Turbidity / /

Well Volume Final Depth to Water N/A Odor

Purge Method BAILER SAMPLE COLLECTED: Time : Date 9-29-99

WEATHER CONDITIONS: NO SAMPLE

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading		@ 4.0 Std = 4.00		
Intermediate Reading		@ 7.0 Std = 7.00		Redox
Final Reading		@ 10.0 Std = 10.0		

SAMPLE PRESERVATION:

Date 9-29-99 Time 8:05 By Dan Leone

Preservative: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☒ HCl ☐ $Na_2S_2O_3$ ☒ 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	
☐ ½ 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 NO SAMPLE well DRY

Collected By Dan Leone Date 9-29-99

Delivered By Dan Leone Date 9-29-99 Time 16:30

Received By Deborah Squires Date 9-29-99 Time 16 30

CES

Groundwater Supply Well Laboratory Analytical Reports

CES 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: 10/20/99

SAMPLE NUMBER- 199678 SAMPLE ID- Before Carbon SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 0910
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021	10/14/99		BLD		
Benzene	EPA 8021	10/14/99		BLD	< 0.7	ug/L
Toluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021	10/14/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021	10/14/99		BLD	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY: Patrick C. Lane

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
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REPORT OF ANALYSES

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

PROJECT NAME: AOI/PEF #326-Altmar
DATE: 10/20/99

SAMPLE NUMBER- 199679 SAMPLE ID- Between Carbon SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 0914
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021	10/14/99		BLD		
Benzene	EPA 8021	10/14/99		BLD	< 0.7	ug/L
Toluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021	10/14/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021	10/14/99		BLD	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY: Patrick A Sweeney

CES 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: 10/20/99

SAMPLE NUMBER- 199680 SAMPLE ID- After Carbon SAMPLE MATRIX- WA
DATE SAMPLED- 09/29/99 TIME SAMPLED- 0918
DATE RECEIVED- 09/29/99 SAMPLER- Dan Leone RECEIVED BY- DJS
TIME RECEIVED- 1630 DELIVERED BY- Dan Leone TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 8021 Scan	EPA 8021	10/14/99		BLD		
Benzene	EPA 8021	10/14/99		BLD	< 0.7	ug/L
Toluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Ethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
m-Xylene & p-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
o-Xylene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Isopropylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Propylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,3,5-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
tert-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
1,2,4-Trimethylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
sec-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
p-Isopropyltoluene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
n-Butylbenzene	EPA 8021	10/14/99		BLD	< 1.0	ug/L
Naphthalene	EPA 8021	10/14/99		BLD	< 5.0	ug/L
Methyl-t-Butyl Ether	EPA 8021	10/14/99		BLD	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

34051

CES Certified Environmental Services, Inc.

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

CHAIN OF CUSTODY RECORD

Client: AlasKan Oil, INC. Phone: _____

Address: _____ Fax: _____

P.O. #: _____

Contact Person: Richard Nongebauer Project: Altmar Mini-Mart System

Sampled By (print): D. LeONE (sign): D. LeONE

Analysis: 8021

LAB USE ONLY CES LOG NO.	COLLECTED DATE	COLLECTED TIME	COMP	GRAB	MATRIX	CLIENT ID/ SAMPLE LOCATION	# OF CONT.	COMMENTS
199628	9-29-99	9:10		X	W	Before Carb.	2	X
199629	↓	9:14		X	W	Between Carb.	2	X
199630	↓	9:16		X	W	After Carb.	2	X

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
D. LeONE	9-29-99	16:30			
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:
			Deborah Sauer	9/29/99	16:30

White - CES's Copy • Canary - Return to Client with Report • Pink - Client's Initital Copy

CES

APPENDIX D

Groundwater Elevation Data Summary

CES

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	6/21/99	9/29/99
MW-1	98.72	96.72	93.22	93.16	92.49	92.59
MW-2	98.76	96.76	93.52	93.42	92.48	N/A
MW-3	99.01	97.01	95.74	95.81	93.71	N/A
MW-4	99.31	97.31	94.55	94.62	92.71	92.68
MW-5	99.69	95.69	93.55	94.18	92.73	93.01
MW-6	98.46	94.46	93.16	93.16	92.50	92.66
MW-7	98.49	95.49	93.72	93.79	92.44	N/A
MW-8	98.77	96.22	93.09	93.13	92.22	N/A
MW-9	99.46	96.61	93.25	93.41	92.44	N/A
MW-10	99.87	96.87	93.35	93.51	92.52	92.84
MW-11	99.47	96.50	93.62	93.57	92.75	92.56
MW-12	99.21	96.00	93.56	93.61	92.36	92.70

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