



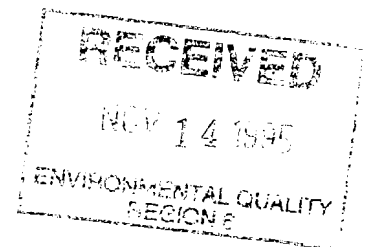
**Certified
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Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
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9408781

NYSDEC Region #6
ATTN: Mr. Thomas Voss, Engineering Technician
317 Washington Street
Watertown, New York 13601

November 8, 1995



RE: Bioremediation cells at Route 342 and Bradley Street

Dear Mr. Voss:

On behalf of Alaskan Oil, Inc., CES requests approval to remove approximately eighteen inches of treated soil located in the bioremediation cells located at the Bradley Street Citgo station and from the bioremediation cell located at the Sunoco station on Route 342. Monthly monitoring with a PID and laboratory analyse have consistently shown a decrease in contaminant levels in samples. Results from laboratory analysis on samples collected during the most recent sampling at both of the above referenced sites indicates compliance with STARS guidance values. The same sampling methodology was utilized for both of the bioremediation cells which were sampled on October 24, 1995. The treatment cells were both divided into four equal size quadrants each of which were split into four additional subquadrants. One soil grab sample was collected from each of the subquadrants and composited for each of the quadrants. Results from the most recent soil sampling at the bioremediation cells has been included as *ATTACHMENT A* for the Bradley Street facility and *ATTACHMENT B* for the Route 342 facility.

As in the past and in accordance with the respective bioremediation plans, Alaskan Oil proposes to strip the surface eighteen inches of soil from these two cells. Soils will be stripped with a bull dozer and stockpiled on a sheet of poly, in a secondary staging area adjacent to the existing treatment cells.

CES will be on-site during stripping activities to screen the soil, with a PID meter for total volatile organics to determine their acceptability for removal. In general, soil which exhibit PID readings less than ten parts per million (10 ppm) and do not exhibit nuisance characteristics will be removed. Once secondary staging has been completed, the soil will once again be sampled and analyzed. If subsequent laboratory analyse of the samples collected from the secondary staging pile are in compliance with STARS guidance values, the soils will be considered remediated and handled as such. If laboratory analysis of the soil from the secondary staging pile reveal petroleum contamination above STARS guidance values, these soils will remain in-place until laboratory analysis indicates compliance with STARS. Please notify me with your approval or comments regarding our approach. Thank you.

Sincerely,
Certified Environmental Services

Eric E. Murdock
Project Manager

ATTACHMENTS

cc: R.Neugebauer, AOI



ATTACHMENT A

**Bradley Street Bioremediation Cell
Analytical Laboratory Analysis**



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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: Bradley Biocell
DATE: 11/06/95

SAMPLE NUMBER- 95847 SAMPLE ID- Section I-Southeast Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1600
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete	
EPA 8021 SCAN , TCLP	EPA 8021		11/02/95		BLD		
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L	
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA		
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	



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CONTINUATION OF DATA FOR SAMPLE NUMBER 95847

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 20	mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 20	mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 70	mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270			10/31/95	KMS		
ANTHRACENE	EPA 8270			10/31/95	KMS	< 5	ug/L
FLUORENE	EPA 8270			10/31/95	KMS	< 5	ug/L
PHENANTHRENE	EPA 8270			10/31/95	KMS	< 5	ug/L
PYRENE	EPA 8270			10/31/95	KMS	< 5	ug/L
ACENAPHTHENE	EPA 8270			10/31/95	KMS	< 5	ug/L
BENZO(A)ANTHRACENE	EPA 8270			10/31/95	KMS	< 5	ug/L
FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5	ug/L
BENZO(B)FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5	ug/L
BENZO(K)FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5	ug/L
CHRYSENE	EPA 8270			10/31/95	KMS	< 5	ug/L
BENZO(A)PYRENE	EPA 8270			10/31/95	KMS	< 5	ug/L
BENZO(G,H,I)PERYLENE	EPA 8270			10/31/95	KMS	< 5	ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270			10/31/95	KMS	< 5	ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270			10/31/95	KMS	< 5	ug/L
NAPHTHALENE	EPA 8270			10/31/95	KMS	< 5	ug/L
ACENAPHTHYLENE	EPA 8270			10/31/95	KMS	< 5	ug/L

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: Bradley Biocell
DATE: 11/06/95

SAMPLE NUMBER- 95848 SAMPLE ID- Section II-Southwest Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1630
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete
EPA 8021 SCAN, TCLP	EPA 8021		11/02/95		BLD	
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA	
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg



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CONTINUATION OF DATA FOR SAMPLE NUMBER 95848

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70 mg/Kg
EPA 8270 PAH'S, TCLP	EPA 8270		10/31/95		KMS	
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: Bradley Biocell
DATE: 11/06/95

SAMPLE NUMBER- 95849 SAMPLE ID- Section III-Northwest Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1700
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete
EPA 8021 SCAN , TCLP	EPA 8021		11/02/95		BLD	
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA	
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg



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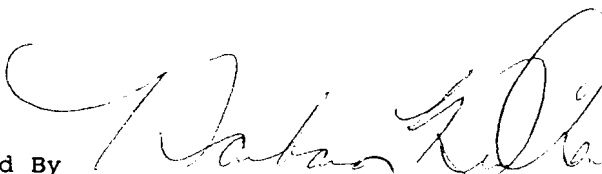
Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 95849

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70 mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270		10/31/95		KMS	
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: Bradley Biocell
DATE: 11/06/95

SAMPLE NUMBER- 95850 SAMPLE ID- Section IV-Northeast Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1730
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete	
EPA 8021 SCAN , TCLP	EPA 8021		11/02/95		BLD		
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L	
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA		
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	



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CONTINUATION OF DATA FOR SAMPLE NUMBER 95850

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70 mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270		10/31/95		KMS	
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L

NYSDOH ELAP #11246

Approved By 

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Phone 315-478-2374
Fax 315-478-2107**

Company: <u>Alaskan Oil</u>				Phone: <u>(351) 971-6496</u>				Analysis					
Address: <u>500 Solar Street</u>				Fax: _____									
Contact Person: <u>R. Hughes</u>				P.O. #: _____									
Project: <u>Boulder Borehole</u>				<div style="transform: rotate(-45deg); display: inline-block;"> TUP 200 McHed 8071 START TUP 200 McHed 8070 START TUP 200 McHed 31413 </div>									
SAMPLE NO.	COLLECTED		COR	MAI	P B X	SAMPLE LOCATION	# OF CONT.					COMMENTS	
	DATE	TIME											
1001	10/10/94	1400	X			Section I 500 McHed	2	X	X	X			4 Pint Gals; PID = 2 ppm
1002	10/10/94	1400	X			Section I 500 McHed	2	X	X	X			4 Pint Gals; PID = 1 ppm
1003	10/10/94	1400	X			Section II 100 McHed	2	X	X	X			4 Pint Gals; PID = 2 ppm
1004	10/10/94	1400	X			Section II 100 McHed	2	X	X	X			4 Pint Gals; PID = 2 ppm
Sampled By (print): <u>R. Hughes</u>						(sign)		Date		Time		Received By:	
Relinquished By: <u>R. Hughes</u>						Date		Time		Received By:		Time	

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ATTACHMENT B

**Route 342 Bioremediation Cell
Analytical Laboratory Analysis**



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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #344-Watertown-Rt 342
DATE: 11/06/95

SAMPLE NUMBER- 95843 SAMPLE ID- Section I-Southeast Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1400
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete
EPA 8021 SCAN, TCLP	EPA 8021		11/02/95		BLD	
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA	
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg



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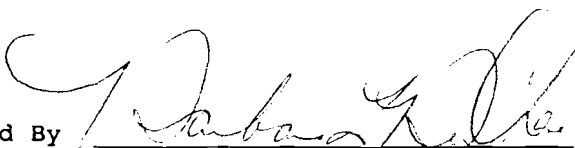
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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 95843

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 20 mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 20 mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA	11/02/95	KSA	< 70 mg/Kg
EPA 8270 PAH'S, TCLP	EPA 8270			10/31/95	KMS	
ANTHRACENE	EPA 8270			10/31/95	KMS	< 5 ug/L
FLUORENE	EPA 8270			10/31/95	KMS	< 5 ug/L
PHENANTHRENE	EPA 8270			10/31/95	KMS	< 5 ug/L
PYRENE	EPA 8270			10/31/95	KMS	< 5 ug/L
ACENAPHTHENE	EPA 8270			10/31/95	KMS	< 5 ug/L
BENZO(A)ANTHRACENE	EPA 8270			10/31/95	KMS	< 5 ug/L
FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5 ug/L
BENZO(B)FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5 ug/L
BENZO(K)FLUORANTHENE	EPA 8270			10/31/95	KMS	< 5 ug/L
CHRYSENE	EPA 8270			10/31/95	KMS	< 5 ug/L
BENZO(A)PYRENE	EPA 8270			10/31/95	KMS	< 5 ug/L
BENZO(G,H,I)PERYLENE	EPA 8270			10/31/95	KMS	< 5 ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270			10/31/95	KMS	< 5 ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270			10/31/95	KMS	< 5 ug/L
NAPHTHALENE	EPA 8270			10/31/95	KMS	< 5 ug/L
ACENAPHTHYLENE	EPA 8270			10/31/95	KMS	< 5 ug/L

NYSDOH ELAP #11246

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #344-Watertown-Rt 342
DATE: 11/06/95

SAMPLE NUMBER- 95844 SAMPLE ID- Section II-Southwest Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1430
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete	
EPA 8021 SCAN, TCLP	EPA 8021		11/02/95		BLD		
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L	
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA		
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 95844

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70 mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270		10/31/95		KMS	
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5 ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5 ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5 ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5 ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5 ug/L

NYSDOH ELAP #11246

Approved By

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #344-Watertown-Rt 342
DATE: 11/06/95

SAMPLE NUMBER- 95845 SAMPLE ID- Section III-Northwest Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1500
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete
EPA 8021 SCAN , TCLP	EPA 8021		11/02/95		BLD	
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA	
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 95845

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20	mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20	mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70	mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270		10/31/95		KMS		
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5	ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5	ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5	ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5	ug/L

NYSDOH ELAP #11246

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REPORT OF ANALYSES

ALASKAN OIL
500 SOLAR STREET
SYRACUSE, NY 13204-
Attn: MR. RICH NEUGEBAUER

PROJECT NAME: AOI/PEF, #344-Watertown-Rt 342
DATE: 11/06/95

SAMPLE NUMBER- 95846 SAMPLE ID- Section IV-Northeast Quadrant SAMPLE MATRIX- SO
DATE SAMPLED- 10/24/95 TIME SAMPLED- 1530
DATE RECEIVED- 10/25/95 SAMPLER- Kevin R. Rowe RECEIVED BY- CAM
TIME RECEIVED- 1605 DELIVERED BY- Eric Murdock TYPE SAMPLE- Composite

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
TCLP EXTRACTION	40CFR 1311		10/26/95	1655	BJC	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311		10/31/95		ELS	Complete	
EPA 8021 SCAN, TCLP	EPA 8021		11/02/95		BLD		
BENZENE	EPA 8021		11/02/95		BLD	< 0.7 ug/L	
ETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
TOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
O-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
M-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-XYLENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
ISOPROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-PROPYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
P-ISOPROPYLTOLUENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,2,4-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
1,3,5-TRIMETHYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
N-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
SEC-BUTYLBENZENE	EPA 8021		11/02/95		BLD	< 1.0 ug/L	
NAPHTHALENE	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
METHYL-T-BUTYL ETHER	EPA 8021		11/02/95		BLD	< 5.0 ug/L	
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	10/26/95	KSA 11/02/95		KSA		
GASOLINE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	
KEROSENE	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20 mg/Kg	



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 95846

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
FUEL OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20	mg/Kg
DIESEL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 20	mg/Kg
MOTOR OIL	DOH 310-13	10/26/95	KSA 11/02/95		KSA	< 70	mg/Kg
EPA 8270 PAH'S , TCLP	EPA 8270		10/31/95		KMS		
ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
FLUORENE	EPA 8270		10/31/95		KMS	< 5	ug/L
PHENANTHRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
ACENAPHTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(A)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(B)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(K)FLUORANTHENE	EPA 8270		10/31/95		KMS	< 5	ug/L
CHRYSENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(A)PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
BENZO(G,H,I)PERYLENE	EPA 8270		10/31/95		KMS	< 5	ug/L
INDENO(1,2,3-CD)PYRENE	EPA 8270		10/31/95		KMS	< 5	ug/L
DIBENZ(A,H)ANTHRACENE	EPA 8270		10/31/95		KMS	< 5	ug/L
NAPHTHALENE	EPA 8270		10/31/95		KMS	< 5	ug/L
ACENAPHTHYLENE	EPA 8270		10/31/95		KMS	< 5	ug/L

NYSDOH ELAP #11246

Approved By

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NYSDEC Region #6
ATTN: Mr. Thomas Voss, Engineering Technician
317 Washington Street
Watertown, New York 13601

November 8, 1995

RE: Bioremediation cells at Route 342 and Bradley Street


Dear Mr. Voss:

On behalf of Alaskan Oil, Inc., CES requests approval to remove approximately eighteen inches of treated soil located in the bioremediation cells located at the Bradley Street Citgo station and from the bioremediation cell located at the Sunoco station on Route 342. Monthly monitoring with a PID and laboratory analyse have consistently shown a decrease in contaminant levels in samples. Results from laboratory analysis on samples collected during the most recent sampling at both of the above referenced sites indicates compliance with STARS guidance values. The same sampling methodology was utilized for both of the bioremediation cells which were sampled on October 24, 1995. The treatment cells were both divided into four equal size quadrants each of which were split into four additional subquadrants. One soil grab sample was collected from each of the subquadrants and composited for each of the quadrants. Results from the most recent soil sampling at the bioremediation cells has been included as *ATTACHMENT A* for the Bradley Street facility and *ATTACHMENT B* for the Route 342 facility.

As in the past and in accordance with the respective bioremediation plans, Alaskan Oil proposes to strip the surface eighteen inches of soil from these two cells. Soils will be stripped with a bull dozer and stockpiled on a sheet of poly, in a secondary staging area adjacent to the existing treatment cells.

CES will be on-site during stripping activities to screen the soil, with a PID meter for total volatile organics to determine their acceptability for removal. In general, soil which exhibit PID readings less than ten parts per million (10 ppm) and do not exhibit nuisance characteristics will be removed. Once secondary staging has been completed, the soil will once again be sampled and analyzed. If subsequent laboratory analyse of the samples collected from the secondary staging pile are in compliance with STARS guidance values, the soils will be considered remediated and handled as such. If laboratory analysis of the soil from the secondary staging pile reveal petroleum contamination above STARS guidance values, these soils will remain in-place until laboratory analysis indicates compliance with STARS. Please notify me with your approval or comments regarding our approach. Thank you.

Sincerely,
Certified Environmental Services


Eric E. Murdock
Project Manager

ATTACHMENTS
cc: R.Neugebauer, AOI