

C.O.C.: G16964

REPORT No. B11-22558

Report To:

Hamlet of Pond Inlet

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Attention: Bhabesh Roy

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DATE RECEIVED: 25-Aug-11

JOB/PROJECT NO.: Pond Inlet Landfarm

DATE REPORTED: 01-Sep-11

P.O. NUMBER:

SAMPLE MATRIX: Solid

WATERWORKS NO.

			Client I.D.	Contaminated Sample #1	Contaminated Sample #2	Contaminated Sample #3	
			Sample I.D.	B11-22558-1	B11-22558-2	B11-22558-3	
			Date Collected				
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Benzene	µg/g	0.1	EPA 8260	26-Aug-11/O	< 0.1	< 0.1	< 0.1
Toluene	µg/g	0.1	EPA 8260	26-Aug-11/O	< 0.1	< 0.1	< 0.1
Ethylbenzene	µg/g	0.1	EPA 8260	26-Aug-11/O	< 0.1	< 0.1	< 0.1
Xylene, m,p-	µg/g	0.2	EPA 8260	26-Aug-11/O	< 0.2	< 0.2	< 0.2
Styrene	µg/g	0.1	EPA 8260	26-Aug-11/O	< 0.1	< 0.1	< 0.1
Xylene, o-	µg/g	0.1	EPA 8260	26-Aug-11/O	< 0.1	< 0.1	< 0.1
PHC F1 (C6-C10)	µg/g	10	CWS Tier 1	30-Aug-11/K	< 10	< 10	< 10
PHC F2 (>C10-C16)	µg/g	5	CWS Tier 1	31-Aug-11/K	< 5	< 5	18
PHC F3 (>C16-C34)	µg/g	10	CWS Tier 1	31-Aug-11/K	< 10	< 10	40
PHC F4 (>C34-C50)	µg/g	10	CWS Tier 1	31-Aug-11/K	< 10	< 10	10
Comment-extractable	-		-	31-Aug-11	-	-	NDP

Note: NDP = No Distinct Pattern.

µg/g = micrograms per gram (parts per million)

F1 C6-C10 hydrocarbons in µg/g, (F1-btex if requested)

F2 C10-C16 hydrocarbons in µg/g, (F2-naph if requested)

F3 C16-C34 hydrocarbons in µg/g, (F3-pah if requested)

F4 C34-C50 hydrocarbons in µg/g

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

Any deviations from the method are noted and reported for any particular sample.

nC6 and nC10 response factor is within 30% of response factor for toluene:

nC10, nC16 and nC34 response factors within 10% of each other:

C50 response factors within 70% of nC10+nC16+nC34 average:

Linearity is within 15%:

All results expressed on a dry weight basis.

Unless otherwise noted all chromatograms returned to baseline by the retention time of nC50.

Unless otherwise noted all extraction and analysis limits for holding time were met.

QC will be made available upon request.



M.D.L. = Method Detection Limit

Site Analyzed: K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill

Gord Murphy

Lab Supervisor

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