

C.O.C.: ---

REPORT No. B14-17035

Report To:

Hamlet of Pond Inlet
P.O Box 379,
Pond Inlet Nunavut X0A 0S0 Canada

Attention: Mike Rubin

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 10-Jul-14

JOB/PROJECT NO.:

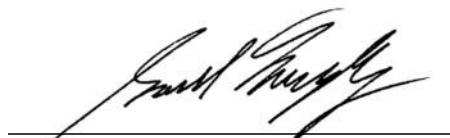
DATE REPORTED: 23-Jul-14

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SAMPLE MATRIX: Water

WATERWORKS NO.

			Client I.D.	#1			
			Sample I.D.	B14-17035-1			
			Date Collected	10-Jul-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Fecal Coliform	cfu/100mL	1	MOE E3371	10-Jul-14/O	<10		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	14-Jul-14/O	39		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	11-Jul-14/O	55		
Total Suspended Solids	mg/L	3	SM 2540D	17-Jul-14/O	28		
pH @25°C	pH Units		SM 4500H	11-Jul-14/O	7.04		
Conductivity @25°C	µmho/cm	1	SM 2510B	11-Jul-14/O	177		
Chloride	mg/L	0.5	SM4110C	11-Jul-14/O	10.8		
Nitrite (N)	mg/L	0.1	SM4110C	11-Jul-14/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	11-Jul-14/O	< 0.1		
Sulphate	mg/L	1	SM4110C	11-Jul-14/O	5		
Calcium	mg/L	0.02	SM 3120	14-Jul-14/O	9.06		
Magnesium	mg/L	0.01	SM 3120	14-Jul-14/O	3.94		
Sodium	mg/L	0.2	SM 3120	14-Jul-14/O	6.6		
Potassium	mg/L	0.1	SM 3120	14-Jul-14/O	3.3		
Aluminum (total)	mg/L	0.01	SM 3120	14-Jul-14/O	0.14		
Arsenic	mg/L	0.0005	EPA 200.8	11-Jul-14/O	< 0.0005		
Cadmium	mg/L	0.005	SM 3120	14-Jul-14/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	14-Jul-14/O	< 0.005		
Copper	mg/L	0.002	SM 3120	14-Jul-14/O	0.005		
Chromium	mg/L	0.002	SM 3120	14-Jul-14/O	< 0.002		
Iron (Total)	mg/L	0.005	SM 3120	14-Jul-14/O	1.44		
Manganese (Total)	mg/L	0.001	SM 3120	14-Jul-14/O	0.120		
Mercury	mg/L	0.00002	SM 3112 B	11-Jul-14/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	14-Jul-14/O	< 0.01		
Lead	mg/L	0.02	SM 3120	14-Jul-14/O	< 0.02		
Zinc	mg/L	0.005	SM 3120	14-Jul-14/O	0.024		



Gord Murphy

Lab Supervisor

M.D.L. = Method Detection Limit

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

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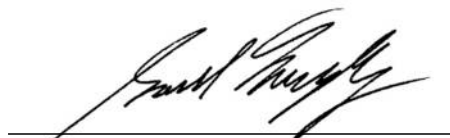
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Ammonia (N)-Total	mg/L	0.01	MOEE 3364	14-Jul-14/O	8.47		
Phosphorus-Total	mg/L	0.01	MOEE 3367	17-Jul-14/O	0.51		
Phenolics	mg/L	0.001	MOEE 3179	14-Jul-14/O	< 0.001		
BOD	mg/L	3	SM 5210B	10-Jul-14/O	76		
Total Organic Carbon	mg/L	0.2	EPA 415.1	17-Jul-14/O	10.4		
Oil & Grease-Total	mg/L	1.0	SM 5520	17-Jul-14/K	28.2		
Benzene	µg/L	0.5	EPA 8260	11-Jul-14/O	< 0.5		
Toluene	µg/L	0.5	EPA 8260	11-Jul-14/O	< 0.5		
Ethylbenzene	µg/L	0.5	EPA 8260	11-Jul-14/O	< 0.5		
Xylene, m,p-	µg/L	0.4	EPA 8260	11-Jul-14/O	< 0.4		
Styrene	µg/L	0.5	EPA 8260	11-Jul-14/O	< 0.5		
Xylene, o-	µg/L	0.1	EPA 8260	11-Jul-14/O	< 0.1		
PHC F1 (C6-C10)	µg/L	20	MOE E3421	10-Jul-14/O	< 20		
PHC F2 (>C10-C16)	µg/L	50	MOE E3421	17-Jul-14/O	430		
PHC F3 (>C16-C34)	µg/L	400	MOE E3421	17-Jul-14/O	400		
PHC F4 (>C34-C50)	µg/L	400	MOE E3421	17-Jul-14/O	< 400		
Acenaphthene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Acenaphthylene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Anthracene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Benzo(a)anthracene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Benzo(a)pyrene	µg/L	0.01	EPA 8270	16-Jul-14/K	< 0.01		
Benzo(b)fluoranthene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Benzo(b+k)fluoranthene	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Benzo(g,h,i)perylene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Benzo(k)fluoranthene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Chrysene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		



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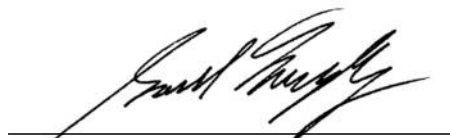
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Dibenzo(a,h)anthracene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Fluoranthene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Fluorene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Indeno(1,2,3,-cd)pyrene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Methylnaphthalene,1-	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Methylnaphthalene,2-	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Naphthalene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Phenanthrene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Pyrene	µg/L	0.05	EPA 8270	16-Jul-14/K	< 0.05		
Phenol	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Bis(2-Chloroethyl)ether	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Chlorophenol, 2-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Dichlorobenzene,1,3-	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Bis(2-Chloroisopropyl)ether	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Dichlorobenzene,1,4-	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Dichlorobenzene,1,2-	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Methylphenol, 2-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Hexachloroethane	µg/L	0.01	EPA 8270	16-Jul-14/K	< 0.01		
Methylphenol, 3- & 4-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Nitrobenzene	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Nitrophenol, 2-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Dimethylphenol, 2,4-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Bis(2-Chloroethoxy)methane	µg/L	2	EPA 8270	16-Jul-14/K	< 2		
Dichlorophenol, 2,4-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Trichlorobenzene,1,2,4-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		



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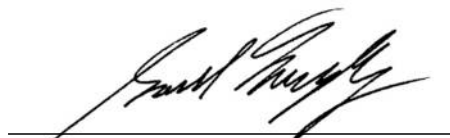
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Chloroaniline, 4-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Hexachlorobutadiene	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Chloro-3-methylphenol, 4-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Indole	µg/L	2	EPA 8270	16-Jul-14/K	< 2		
Hexachlorocyclopentadiene	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Diphenyl ether	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Biphenyl, 1, 1-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Trichlorophenol, 2,4,6-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Trichlorophenol, 2,4,5-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Chloronaphthalene, 2-	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Dimethyl Phthalate	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Dinitrophenol, 2,4-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Dinitrotoluene, 2,4-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Tetrachlorophenol, 2,3,4,6-	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Nitrophenol, 4-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Diethyl Phthalate	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Dinitro-2-methylphenol, 4,6-	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Hexachlorobenzene	µg/L	0.1	EPA 8270	16-Jul-14/K	< 0.1		
Pentachlorophenol	µg/L	0.2	EPA 8270	16-Jul-14/K	< 0.2		
Di-n-butyl Phthalate	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Butyl Benzyl Phthalate	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Bis(2-ethylhexyl) Phthalate	µg/L	5	EPA 8270	16-Jul-14/K	< 5		
Di-n-octyl Phthalate	µg/L	1	EPA 8270	16-Jul-14/K	< 1		
Dichlorobenzidine, 3,3'-	µg/L	0.5	EPA 8270	16-Jul-14/K	< 0.5		



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