

C.O.C.: ---

REPORT No. B15-24128

Report To:

Hamlet of Arctic Bay

Box 150,
Arctic Bay NU X0A 0A0 Canada

Attention: Deborah Johnson

Caduceon Environmental Laboratories

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

DATE RECEIVED: 16-Sep-15

JOB/PROJECT NO.: End of Annual Decant 2015

DATE REPORTED: 23-Sep-15

P.O. NUMBER: 13497

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		End of Decant 2015 Annual Sewage Lagoon			
			Sample I.D.		B15-24128-1			
			Date Collected		15-Sep-15			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	18-Sep-15/O	11			
Total Suspended Solids	mg/L	3	SM 2540D	18-Sep-15/O	12			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	17-Sep-15/O	146			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	17-Sep-15/O	259			
Conductivity @25°C	µmho/cm	1	SM 2510B	17-Sep-15/O	608			
pH @25°C	pH Units		SM 4500H	17-Sep-15/O	7.89			
Nitrite (N)	mg/L	0.1	SM4110C	17-Sep-15/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	17-Sep-15/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	17-Sep-15/O	28.9			
Sulphate	mg/L	1	SM4110C	17-Sep-15/O	3			
Total Organic Carbon	mg/L	0.2	EPA 415.1	17-Sep-15/O	10.9			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	21-Sep-15/O	21.4			
Aluminum (total)	mg/L	0.01	SM 3120	17-Sep-15/O	0.12			
Arsenic	mg/L	0.0005	EPA 200.8	17-Sep-15/O	0.0015			
Calcium	mg/L	0.02	SM 3120	17-Sep-15/O	27.0			
Cadmium	mg/L	0.005	SM 3120	17-Sep-15/O	< 0.005			
Chromium	mg/L	0.002	SM 3120	17-Sep-15/O	< 0.002			
Cobalt	mg/L	0.005	SM 3120	17-Sep-15/O	< 0.005			
Copper	mg/L	0.002	SM 3120	17-Sep-15/O	0.005			
Iron (Total)	mg/L	0.005	SM 3120	17-Sep-15/O	5.59			
Lead	mg/L	0.02	SM 3120	17-Sep-15/O	< 0.02			
Mercury	mg/L	0.00002	SM 3112 B	18-Sep-15/O	< 0.00002			
Magnesium	mg/L	0.01	SM 3120	17-Sep-15/O	19.1			
Manganese (Total)	mg/L	0.001	SM 3120	17-Sep-15/O	0.687			
Nickel	mg/L	0.01	SM 3120	17-Sep-15/O	< 0.01			



Gord Murphy
Lab Supervisor

R.L. = Reporting Limit

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

Uncertainty Values available upon request

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

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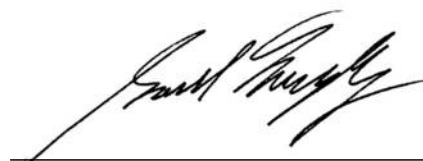
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			Date Collected		15-Sep-15			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
Potassium	mg/L	0.1	SM 3120	17-Sep-15/O	7.9			
Sodium	mg/L	0.2	SM 3120	17-Sep-15/O	31.3			
Zinc	mg/L	0.005	SM 3120	17-Sep-15/O	0.006			
Phenolics	mg/L	0.001	MOEE 3179	21-Sep-15/O	< 0.001			
Oil & Grease-Total	mg/L	1.0	SM 5520	21-Sep-15/K	1.4			
Fecal Coliform	cfu/100mL	1	MOE E3371	16-Sep-15/O	2300			

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