

C.O.C.: ---

REPORT No. B14-24596

Report To:

Hamlet of Arctic Bay

Box 150,
Arctic Bay NU X0A 0A0 Canada

Attention: Joeli Qamanirq

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 22-Sep-14

JOB/PROJECT NO.:

DATE REPORTED: 30-Sep-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	End of Decant 2014			
			Sample I.D.	B14-24596-1			
			Date Collected	18-Sep-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	24-Sep-14/O	66		
Total Suspended Solids	mg/L	3	SM 2540D	24-Sep-14/O	12		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	24-Sep-14/O	66		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	23-Sep-14/O	325		
Conductivity @25°C	µmho/cm	1	SM 2510B	23-Sep-14/O	794		
pH @25°C	pH Units		SM 4500H	23-Sep-14/O	7.69		
Nitrite (N)	mg/L	0.1	SM4110C	23-Sep-14/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	23-Sep-14/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	23-Sep-14/O	40.9		
Sulphate	mg/L	1	SM4110C	23-Sep-14/O	2		
Total Organic Carbon	mg/L	0.2	EPA 415.1	24-Sep-14/O	36.0		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	25-Sep-14/O	53.7		
Phenolics	mg/L	0.001	MOEE 3179	24-Sep-14/O	0.377		
Aluminum (total)	mg/L	0.01	SM 3120	24-Sep-14/O	0.68		
Arsenic	mg/L	0.0005	EPA 200.8	24-Sep-14/O	0.0020		
Calcium	mg/L	0.02	SM 3120	24-Sep-14/O	11.7		
Cadmium	mg/L	0.005	SM 3120	24-Sep-14/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	24-Sep-14/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	24-Sep-14/O	< 0.005		
Copper	mg/L	0.002	SM 3120	24-Sep-14/O	0.006		
Iron (Total)	mg/L	0.005	SM 3120	24-Sep-14/O	0.995		
Lead	mg/L	0.02	SM 3120	24-Sep-14/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	24-Sep-14/O	9.01		
Manganese (Total)	mg/L	0.001	SM 3120	24-Sep-14/O	0.431		
Mercury	mg/L	0.00002	SM 3112 B	24-Sep-14/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	24-Sep-14/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	24-Sep-14/O	16.7		



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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Sodium	mg/L	0.2	SM 3120	24-Sep-14/O	47.3		
Zinc	mg/L	0.005	SM 3120	24-Sep-14/O	0.024		
Oil & Grease-Total	mg/L	1.0	SM 5520	29-Sep-14/K	4.4		
Fecal Coliform	cfu/100mL	1	MOE E3371	23-Sep-14/O	42000		



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