

C.O.C.: ---

REPORT No. B14-23035

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: 08-Sep-14

JOB/PROJECT NO.:

DATE REPORTED: 15-Sep-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Middle and Decant			
			Sample I.D.	B14-23035-1			
			Date Collected	05-Sep-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	08-Sep-14/O	90		
Total Suspended Solids	mg/L	3	SM 2540D	10-Sep-14/O	8		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	09-Sep-14/O	88		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	08-Sep-14/O	320		
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Sep-14/O	760		
pH @25°C	pH Units		SM 4500H	08-Sep-14/O	7.69		
Nitrite (N)	mg/L	0.1	SM4110C	08-Sep-14/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	08-Sep-14/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	08-Sep-14/O	37.9		
Sulphate	mg/L	1	SM4110C	08-Sep-14/O	2		
Total Organic Carbon	mg/L	0.2	EPA 415.1	10-Sep-14/O	37.7		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	10-Sep-14/O	49.4		
Phenolics	mg/L	0.001	MOEE 3179	09-Sep-14/O	0.382		
Aluminum (total)	mg/L	0.01	SM 3120	09-Sep-14/O	0.55		
Arsenic	mg/L	0.0005	EPA 200.8	09-Sep-14/O	0.0012		
Calcium	mg/L	0.02	SM 3120	09-Sep-14/O	18.4		
Cadmium	mg/L	0.005	SM 3120	09-Sep-14/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	09-Sep-14/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	09-Sep-14/O	< 0.005		
Copper	mg/L	0.002	SM 3120	09-Sep-14/O	0.037		
Iron (Total)	mg/L	0.005	SM 3120	09-Sep-14/O	1.30		
Lead	mg/L	0.02	SM 3120	09-Sep-14/O	< 0.02		
Mercury	mg/L	0.00002	SM 3112 B	09-Sep-14/O	0.00007		
Magnesium	mg/L	0.01	SM 3120	09-Sep-14/O	10.2		
Manganese (Total)	mg/L	0.001	SM 3120	09-Sep-14/O	0.408		
Nickel	mg/L	0.01	SM 3120	09-Sep-14/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	09-Sep-14/O	20.8		



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	09-Sep-14/O	62.6		
Zinc	mg/L	0.005	SM 3120	09-Sep-14/O	0.028		
Oil & Grease-Total	mg/L	1.0	SM 5520	10-Sep-14/K	6.2		
Fecal Coliform	cfu/100mL	1	MOE E3371	08-Sep-14/O	58000		



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