

C.O.C.: ---

REPORT No. B14-22753

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
Fax: 613-526-1244

DATE RECEIVED: 03-Sep-14

JOB/PROJECT NO.:

DATE REPORTED: 10-Sep-14

P.O. NUMBER: 12904

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	1st of 3, Beginning of Decant			
			Sample I.D.	B14-22753-1			
			Date Collected	30-Aug-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	04-Sep-14/O	68		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	04-Sep-14/O	187		
pH @25°C	pH Units		SM 4500H	04-Sep-14/O	7.88		
Conductivity @25°C	µmho/cm	1	SM 2510B	04-Sep-14/O	744		
Total Suspended Solids	mg/L	3	SM 2540D	10-Sep-14/O	12		
Chloride	mg/L	0.5	SM4110C	05-Sep-14/O	38.1		
Nitrite (N)	mg/L	0.1	SM4110C	05-Sep-14/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	05-Sep-14/O	< 0.1		
Sulphate	mg/L	1	SM4110C	05-Sep-14/O	2		
Calcium	mg/L	0.02	SM 3120	04-Sep-14/O	12.1		
Magnesium	mg/L	0.01	SM 3120	04-Sep-14/O	9.28		
Sodium	mg/L	0.2	SM 3120	04-Sep-14/O	49.1		
Potassium	mg/L	0.1	SM 3120	04-Sep-14/O	17.7		
Aluminum (total)	mg/L	0.01	SM 3120	04-Sep-14/O	0.65		
Arsenic	mg/L	0.0005	EPA 200.8	04-Sep-14/O	0.0008		
Cadmium	mg/L	0.005	SM 3120	04-Sep-14/O	< 0.005		
Chromium	mg/L	0.002	SM 3120	04-Sep-14/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	04-Sep-14/O	< 0.005		
Copper	mg/L	0.002	SM 3120	04-Sep-14/O	0.015		
Iron (Total)	mg/L	0.005	SM 3120	04-Sep-14/O	1.23		
Lead	mg/L	0.02	SM 3120	04-Sep-14/O	< 0.02		
Manganese (Total)	mg/L	0.001	SM 3120	04-Sep-14/O	0.433		
Mercury	mg/L	0.00002	SM 3112 B	05-Sep-14/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	04-Sep-14/O	< 0.01		
Zinc	mg/L	0.005	SM 3120	04-Sep-14/O	0.042		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	09-Sep-14/O	48.9		



M.D.L. = Method Detection Limit
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Greg Clarkin , BSc., C. Chem
Lab Manager - Ottawa District

C.O.C.: ---

REPORT No. B14-22753

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
Fax: 613-526-1244

DATE RECEIVED: 03-Sep-14

JOB/PROJECT NO.:

DATE REPORTED: 10-Sep-14

P.O. NUMBER: 12904

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		1st of 3, Beginning of Decant			
			Sample I.D.		B14-22753-1			
			Date Collected		30-Aug-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Phenolics	mg/L	0.001	MOEE 3179	09-Sep-14/O	0.367			
BOD	mg/L	3	SM 5210B	05-Sep-14/O	75			
Total Organic Carbon	mg/L	0.2	EPA 415.1	04-Sep-14/O	43.6			
Oil & Grease-Total	mg/L	1.0	SM 5520	10-Sep-14/K	5.7			
Fecal Coliform	cfu/100mL	1	MOE E3371	03-Sep-14/O	150000			

M.D.L. = Method Detection Limit

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



Greg Clarkin , BSc., C. Chem
Lab Manager - Ottawa District