

C.O.C.: G35396

REPORT No. B13-04511

Report To:

City of Iqaluit

PO Box 460,
Iqaluit NU X0A 0H0

Attention: Paul Clow

Caduceon Environmental Laboratories

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

DATE RECEIVED: 28-Feb-13

JOB/PROJECT NO.: WWTP Effluent

DATE REPORTED: 11-Mar-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		WWTP Eff - D			
			Sample I.D.		B13-04511-1			
			Date Collected		27-Feb-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Conductivity @25°C	µmho/cm	1	SM 2510B	06-Mar-13/O	531			
BOD	mg/L	3	SM 5210B	01-Mar-13/O	208			
Nitrite (N)	mg/L	0.1	SM4110C	01-Mar-13/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	01-Mar-13/O	< 0.1			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	04-Mar-13/O	36.5			
o-Phosphate (P)	mg/L	0.01	MOEE 3366	04-Mar-13/O	4.06			
Phosphorus-Total	mg/L	0.01	MOEE 3367	05-Mar-13/O	7.64			
Aluminum	mg/L	0.01	SM 3120	04-Mar-13/O	0.44			
Antimony	mg/L	0.0005	EPA 200.8	05-Mar-13/O	< 0.0005			
Arsenic	mg/L	0.0005	EPA 200.8	05-Mar-13/O	0.0006			
Barium	mg/L	0.001	SM 3120	04-Mar-13/O	0.012			
Beryllium	mg/L	0.002	SM 3120	04-Mar-13/O	< 0.002			
Boron	mg/L	0.005	SM 3120	04-Mar-13/O	0.050			
Cadmium	mg/L	0.005	SM 3120	04-Mar-13/O	< 0.005			
Calcium	mg/L	0.02	SM 3120	04-Mar-13/O	11.7			
Chromium	mg/L	0.002	SM 3120	04-Mar-13/O	0.010			
Cobalt	mg/L	0.005	SM 3120	04-Mar-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	04-Mar-13/O	0.501			
Iron (Total)	mg/L	0.005	SM 3120	04-Mar-13/O	0.413			
Potassium	mg/L	0.1	SM 3120	04-Mar-13/O	11.3			
Lead	mg/L	0.02	SM 3120	04-Mar-13/O	< 0.02			
Magnesium	mg/L	0.01	SM 3120	04-Mar-13/O	3.16			
Manganese	mg/L	0.001	SM 3120	04-Mar-13/O	0.031			
Mercury	mg/L	0.00002	SM 3112 B	05-Mar-13/O	< 0.00002			
Molybdenum	mg/L	0.01	SM 3120	04-Mar-13/O	< 0.01			
Nickel	mg/L	0.01	SM 3120	04-Mar-13/O	0.02			
Selenium	mg/L	0.005	EPA 200.8	05-Mar-13/O	< 0.005			
Silicon	mg/L	0.01	SM 3120	04-Mar-13/O	1.81			



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

M.D.L. = Method Detection Limit

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

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.

C.O.C.: G35396

REPORT No. B13-04511

Report To:

City of Iqaluit

PO Box 460,
Iqaluit NU X0A 0H0

Attention: Paul Clow

Caduceon Environmental Laboratories

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

DATE RECEIVED: 28-Feb-13

JOB/PROJECT NO.: WWTP Effluent

DATE REPORTED: 11-Mar-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	WWTP Eff - D			
			Sample I.D.	B13-04511-1			
			Date Collected	27-Feb-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Silver	mg/L	0.005	SM 3120	04-Mar-13/O	< 0.005		
Sodium	mg/L	0.2	SM 3120	04-Mar-13/O	21.8		
Strontium	mg/L	0.001	SM 3120	04-Mar-13/O	0.029		
Thallium	mg/L	0.0003	EPA 200.8	05-Mar-13/O	< 0.0003		
Titanium	mg/L	0.005	SM 3120	04-Mar-13/O	0.096		
Vanadium	mg/L	0.005	SM 3120	04-Mar-13/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	04-Mar-13/O	0.177		
Total Coliform	cfu/100mL	1	MOE E3371	28-Feb-13/O	39000000		
Fecal Coliform	cfu/100mL	1	MOE E3371	28-Feb-13/O	27000000		

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

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.