

C.O.C.: G37010

REPORT No. B13-22726

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: 29-Aug-13

JOB/PROJECT NO.: Test F

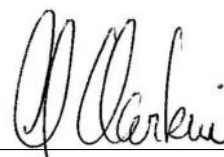
DATE REPORTED: 11-Sep-13

P.O. NUMBER:

SAMPLE MATRIX: Solid Sludge

WATERWORKS NO.

			Client I.D.	Sludge Test F			
			Sample I.D.	B13-22726-1			
			Date Collected	27-Aug-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
% moisture	%			30-Aug-13/O	79.1		
Total Solids	% by wt	0.1	SM 2540	30-Aug-13/O	21.0		
Conductivity @25°C	µmho/cm	1	SM 2510B	03-Sep-13/O	1170		
pH @25°C	pH Units		SM 4500H	03-Sep-13/O	5.30		
Nitrite (N)	µg/g	1	SM4110C	03-Sep-13/O	4		
Nitrate (N)	µg/g	1	SM4110C	03-Sep-13/O	1		
Ammonia (N)-Total	µg/g	0.01	MOEE 3364	09-Sep-13/O	2950		
o-Phosphate (P)	µg/g	0.01	MOEE 3366	09-Sep-13/O	977		
Phosphorus-Total	µg/g	0.01	MOEE 3367	10-Sep-13/O	4850		
Aluminum	µg/g	10	EPA 6010	03-Sep-13/O	3400		
Antimony	µg/g	2	EPA 6020	03-Sep-13/O	< 2		
Arsenic	µg/g	2	EPA 6020	03-Sep-13/O	4		
Barium	µg/g	1	EPA 6010	03-Sep-13/O	31		
Beryllium	µg/g	0.2	EPA 6010	03-Sep-13/O	< 0.2		
Bismuth	µg/g	5	EPA 6010	03-Sep-13/O	< 5		
Boron	µg/g	0.5	EPA 6010	03-Sep-13/O	6.2		
Cadmium	µg/g	0.5	EPA 6010	03-Sep-13/O	< 0.5		
Calcium	µg/g	10	EPA 6010	03-Sep-13/O	10800		
Chromium	µg/g	1	EPA 6010	03-Sep-13/O	132		
Cobalt	µg/g	1	EPA 6010	03-Sep-13/O	9		
Copper	µg/g	1	EPA 6010	03-Sep-13/O	305		
Iron	µg/g	10	EPA 6010	03-Sep-13/O	57200		
Lead	µg/g	5	EPA 6010	03-Sep-13/O	32		
Lithium	µg/g	0.1	EPA 6010	03-Sep-13/O	2.1		
Magnesium	µg/g	10	EPA 6010	03-Sep-13/O	1890		
Manganese	µg/g	1	EPA 6010	03-Sep-13/O	292		
Molybdenum	µg/g	1	EPA 6010	03-Sep-13/O	4		
Nickel	µg/g	1	EPA 6010	03-Sep-13/O	347		


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.

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			Sample I.D.	B13-22726-1			
			Date Collected	27-Aug-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Potassium	µg/g	30	EPA 6010	03-Sep-13/O	890		
Silicon	µg/g	1	EPA 6010	03-Sep-13/O	235		
Silver	µg/g	0.2	EPA 6010	03-Sep-13/O	3.7		
Sodium	µg/g	20	EPA 6010	03-Sep-13/O	290		
Strontium	µg/g	1	EPA 6010	03-Sep-13/O	22		
Tin	µg/g	10	EPA 6010	03-Sep-13/O	< 10		
Titanium	µg/g	1	EPA 6010	03-Sep-13/O	49		
Uranium	µg/g	0.4	EPA 6020	03-Sep-13/O	< 0.4		
Vanadium	µg/g	1	EPA 6010	03-Sep-13/O	19		
Zinc	µg/g	3	EPA 6010	03-Sep-13/O	222		
Total Coliform	cfu/g	1	MOE E3371	29-Aug-13/O	59000000		
Fecal Coliform	cfu/g	1	MOE E3371	29-Aug-13/O	140000		
BOD(5 day)	µg/g	5	SM 5210B	30-Aug-13/O	81800		

M.D.L. = Method Detection Limit

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



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