

C.O.C.: G37210

REPORT No. B13-26564

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: 08-Oct-13

JOB/PROJECT NO.: Test F (Sludge)

DATE REPORTED: 07-Nov-13

P.O. NUMBER:

SAMPLE MATRIX: Solid Sludge

WATERWORKS NO.

			Client I.D.	Test F			
			Sample I.D.	B13-26564-1			
			Date Collected	07-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
% moisture	%			09-Oct-13/O	79.8		
Total Solids	% by wt	0.1	SM 2540	09-Oct-13/O	20.2		
Conductivity @25°C	µmho/cm	1	SM 2510B	11-Oct-13/O	1940		
pH @25°C	pH Units		SM 4500H	11-Oct-13/O	7.36		
Nitrite (N)	µg/g	1	SM4110C	11-Oct-13/O	< 1		
Nitrate (N)	µg/g	1	SM4110C	11-Oct-13/O	2		
Ammonia (N)-Total	µg/g	0.01	MOEE 3364	10-Oct-13/O	5050		
o-Phosphate (P)	µg/g	0.01	MOEE 3366	10-Oct-13/O	759		
Phosphorus-Total	µg/g	0.01	MOEE 3367	21-Oct-13/O	3500		
Aluminum	µg/g	10	EPA 6010	10-Oct-13/O	1940		
Antimony	µg/g	2	EPA 6020	10-Oct-13/O	< 2		
Arsenic	µg/g	2	EPA 6020	10-Oct-13/O	< 2		
Barium	µg/g	1	EPA 6010	10-Oct-13/O	29		
Beryllium	µg/g	0.2	EPA 6010	10-Oct-13/O	< 0.2		
Bismuth	µg/g	5	EPA 6010	10-Oct-13/O	< 5		
Boron	µg/g	0.5	EPA 6010	10-Oct-13/O	3.3		
Cadmium	µg/g	0.5	EPA 6010	10-Oct-13/O	< 0.5		
Calcium	µg/g	10	EPA 6010	10-Oct-13/O	17700		
Chromium	µg/g	1	EPA 6010	10-Oct-13/O	20		
Cobalt	µg/g	1	EPA 6010	10-Oct-13/O	1		
Copper	µg/g	1	EPA 6010	10-Oct-13/O	137		
Iron	µg/g	10	EPA 6010	10-Oct-13/O	6540		
Lead	µg/g	5	EPA 6010	10-Oct-13/O	< 5		
Lithium	µg/g	0.1	EPA 6010	10-Oct-13/O	0.7		
Magnesium	µg/g	10	EPA 6010	10-Oct-13/O	1360		
Manganese	µg/g	1	EPA 6010	10-Oct-13/O	116		
Molybdenum	µg/g	1	EPA 6010	10-Oct-13/O	2		
Nickel	µg/g	1	EPA 6010	10-Oct-13/O	12		



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.

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			Date Collected	07-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Potassium	µg/g	30	EPA 6010	10-Oct-13/O	1420		
Silicon	µg/g	1	EPA 6010	10-Oct-13/O	206		
Silver	µg/g	0.2	EPA 6010	10-Oct-13/O	0.3		
Sodium	µg/g	20	EPA 6010	10-Oct-13/O	500		
Strontium	µg/g	1	EPA 6010	10-Oct-13/O	46		
Tin	µg/g	10	EPA 6010	10-Oct-13/O	70		
Titanium	µg/g	1	EPA 6010	10-Oct-13/O	28		
Uranium	µg/g	0.4	EPA 6020	10-Oct-13/O	< 0.4		
Vanadium	µg/g	1	EPA 6010	10-Oct-13/O	4		
Zinc	µg/g	3	EPA 6010	10-Oct-13/O	147		
Total Coliform	cfu/g	1	MOE E3371	08-Oct-13/O	340000		
Fecal Coliform	cfu/g	1	MOE E3371	08-Oct-13/O	100000		
BOD(5 day)	µg/g	5	SM 5210B	10-Oct-13/O	244000		

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



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