

C.O.C.: ---

REPORT No. B17-22327

Report To:

Municipality of Kimmirut

P.O Box 120,
Kimmirut Nu X0A 0N0
Attention: Hosea Mpofu

Caduceon Environmental Laboratories

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

DATE RECEIVED: 08-Aug-17

JOB/PROJECT NO.:

DATE REPORTED: 15-Aug-17

P.O. NUMBER:

SAMPLE MATRIX: Leachate

WATERWORKS NO.

			Client I.D.	Waste Water			
			Sample I.D.	B17-22327-1			
			Date Collected	08-Aug-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	09-Aug-17/O	81		
Total Suspended Solids	mg/L	3	SM 2540D	10-Aug-17/O	80		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	09-Aug-17/O	292		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	08-Aug-17/O	259		
Conductivity @25°C	µmho/cm	1	SM 2510B	08-Aug-17/O	891		
pH @25°C	pH Units		SM 4500H	09-Aug-17/O	7.77		
Nitrite (N)	mg/L	0.1	SM4110C	08-Aug-17/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	08-Aug-17/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	08-Aug-17/O	26.5		
Sulphate	mg/L	1	SM4110C	08-Aug-17/O	110		
Total Organic Carbon	mg/L	0.2	EPA 415.1	09-Aug-17/O	36.8		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	09-Aug-17/O	29.5		
Phosphorus-Total	mg/L	0.01	MOEE 3367	15-Aug-17/O	4.15		
Phenolics	mg/L	0.001	MOEE 3179	11-Aug-17/O	0.073		
Aluminum	mg/L	0.01	SM 3120	09-Aug-17/O	0.29		
Arsenic	mg/L	0.0005	EPA 200.8	14-Aug-17/O	< 0.0005		
Calcium	mg/L	0.02	SM 3120	09-Aug-17/O	89.1		
Cadmium	mg/L	0.005	SM 3120	09-Aug-17/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	09-Aug-17/O	< 0.005		
Copper	mg/L	0.002	SM 3120	09-Aug-17/O	0.051		
Chromium	mg/L	0.002	SM 3120	09-Aug-17/O	0.002		
Iron	mg/L	0.005	SM 3120	09-Aug-17/O	2.67		
Lead	mg/L	0.02	SM 3120	09-Aug-17/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	09-Aug-17/O	16.8		
Manganese	mg/L	0.001	SM 3120	09-Aug-17/O	0.383		
Mercury	mg/L	0.00002	SM 3112 B	09-Aug-17/O	< 0.00002		
Nickel	mg/L	0.01	SM 3120	09-Aug-17/O	0.01		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

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

Gord Murphy
Lab Supervisor

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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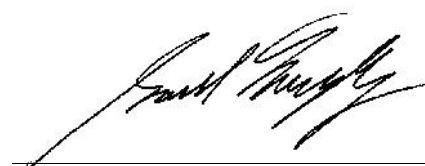
			Client I.D.	Waste Water			
			Sample I.D.	B17-22327-1			
			Date Collected	08-Aug-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Potassium	mg/L	0.1	SM 3120	09-Aug-17/O	13.5		
Sodium	mg/L	0.2	SM 3120	09-Aug-17/O	29.9		
Zinc	mg/L	0.005	SM 3120	09-Aug-17/O	0.386		
Oil & Grease-Total	mg/L	1.0	SM 5520	09-Aug-17/K	20.1		
Fecal Coliform	cfu/100mL	1	MOE E3371	08-Aug-17/O	3300000 ¹		

1 Sample passed holding time

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