

C.O.C.: DW099833

REPORT No. B18-37977

Report To:

Professional Pumps & Water Treatment

800 Larchwood Cresnet,
 Kingston Ontario K7P 2P9 Canada

Attention: John Jeffery

Caduceon Environmental Laboratories

285 Dalton Ave
 Kingston Ontario K7K 6Z1
 Tel: 613-544-2001
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DATE RECEIVED: 12-Dec-18

JOB/PROJECT NO.:

DATE REPORTED: 19-Dec-18

P.O. NUMBER:

SAMPLE MATRIX: Groundwater

WATERWORKS NO.

Client I.D.	Well 1	Well 2		
Sample I.D.	B18-37977-1	B18-37977-2		
Date Collected	12-Dec-18	12-Dec-18		

Parameter	Units	R.L.	Reference Method		Date/Site Analyzed			
			Reference Method	Date/Site Analyzed				
Total Coliform	cfu/100mL	1	MOE E3407	12-Dec-18/K	0	10		
E coli	cfu/100mL	1	MOE E3407	12-Dec-18/K	0	1		
Background	cfu/100mL	1	SM9222B	12-Dec-18/K	0	> 200		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	13-Dec-18/O	165	211		
pH @25°C	pH Units		SM 4500H	13-Dec-18/O	7.96	7.52		
Conductivity @25°C	µmho/cm	1	SM 2510B	13-Dec-18/O	516	519		
Colour	TCU	2	SM2120C	13-Dec-18/K	2	3		
Turbidity	NTU	0.1	SM2130B	13-Dec-18/K	3.3	25.6		
Fluoride	mg/L	0.1	SM4110C	13-Dec-18/O	0.4	< 0.1		
Chloride	mg/L	0.5	SM4110C	13-Dec-18/O	2.5	9.4		
Nitrite (N)	mg/L	0.1	SM4110C	13-Dec-18/O	< 0.1	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	13-Dec-18/O	< 0.1	3.2		
Sulphate	mg/L	1	SM4110C	13-Dec-18/O	93	25		
Total Kjeldahl Nitrogen	mg/L	0.1	E3199A.1	13-Dec-18/K	0.1	0.3		
Ammonia + Ammonium (N)	mg/L	0.05	SM4500-NH3-H	17-Dec-18/K	< 0.05	< 0.05		
Organic Nitrogen	mg/L	0.1	E3199A.1	18-Dec-18/K	< 0.1	0.2		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	14-Dec-18/O	2.8	4.1		
Sulphide	mg/L	0.01	SM4500-S2	13-Dec-18/K	< 0.01	0.02		
Phenolics	mg/L	0.002	MOEE 3179	13-Dec-18/K	0.002	0.003		
Tannins and Lignins	mg/L	0.5	SM5500B	13-Dec-18/K	< 0.5	0.7		
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Dec-18/O	237	265		
Calcium	mg/L	0.02	SM 3120	17-Dec-18/O	71.1	83.8		
Copper	mg/L	0.002	SM 3120	17-Dec-18/O	0.002	0.002		
Iron	mg/L	0.005	SM 3120	17-Dec-18/O	0.312	0.954		
Magnesium	mg/L	0.02	SM 3120	17-Dec-18/O	14.4	13.6		
Manganese	mg/L	0.001	SM 3120	17-Dec-18/O	0.044	0.035		
Potassium	mg/L	0.1	SM 3120	17-Dec-18/O	2.9	1.4		



Richard Lecompte
 Lab Supervisor

R.L. = Reporting Limit

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

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

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.	Date Collected	Well 1	Well 2	Well 1	Well 2
Silica	mg/L	0.02	SM 3120	17-Dec-18/O	B18-37977-1	12-Dec-18	B18-37977-2	12-Dec-18		
Sodium	mg/L	0.2	SM 3120	17-Dec-18/O						
Zinc	mg/L	0.005	SM 3120	17-Dec-18/O						



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