

C.O.C.: DW 25400

REPORT No. B16-25400

Report To:

Hamlet of Grise Fiord

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DATE RECEIVED: 25-Aug-16

JOB/PROJECT NO.:

DATE REPORTED: 30-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	Raw Drinking Water	Treated Drinking Water		
			Sample I.D.	B16-25400-1	B16-25400-2		
			Date Collected	11-Aug-16	11-Aug-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Turbidity	NTU	0.1	SM 2130	26-Aug-16/O	0.6	1.4	
TDS (Calc. from Cond.)	mg/L		Calc.	30-Aug-16	43.0	55.0	
Surfactants Content	mg/L	0.05	SM-5540-C	30-Aug-16/O	< 0.05 ²	< 0.05 ²	
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	26-Aug-16/O	0.5	0.7	
Chloride	mg/L	0.5	SM4110C	25-Aug-16/O	4.6	3.6	
Fluoride	mg/L	0.1	SM4110C	25-Aug-16/O	< 0.1	< 0.1	
Nitrite (N)	mg/L	0.1	SM4110C	25-Aug-16/O	< 0.1	0.1	
Nitrate (N)	mg/L	0.1	SM4110C	25-Aug-16/O	0.1	0.1	
Sulphate	mg/L	1	SM4110C	25-Aug-16/O	3	6	
Phenolics	mg/L	0.001	MOEE 3179	30-Aug-16/O	< 0.001	< 0.001	
Cyanide (Total)	mg/L	0.005	SM 4500CN	30-Aug-16/K	< 0.005	< 0.005	
Arsenic	mg/L	0.0001	EPA 200.8	26-Aug-16/O	< 0.0001	0.0001	
Barium	mg/L	0.001	SM 3120	26-Aug-16/O	0.004	0.002	
Cadmium	mg/L	0.00002	EPA 200.8	26-Aug-16/O	< 0.00002	< 0.00002	
Chromium	mg/L	0.002	SM 3120	26-Aug-16/O	< 0.002	< 0.002	
Chromium (VI)	mg/L	0.002	MOE E3056	29-Aug-16/O	< 0.002 ¹	< 0.002 ¹	
Copper	mg/L	0.002	SM 3120	26-Aug-16/O	0.004	0.003	
Iron	mg/L	0.005	SM 3120	26-Aug-16/O	0.018	0.081	
Lead	mg/L	0.00002	EPA 200.8	26-Aug-16/O	0.00003	0.00018	
Manganese	mg/L	0.001	SM 3120	26-Aug-16/O	0.001	0.010	
Selenium	mg/L	0.001	EPA 200.8	26-Aug-16/O	< 0.001	< 0.001	
Silver	mg/L	0.00002	EPA 200.8	26-Aug-16/O	< 0.00002	< 0.00002	
Zinc	mg/L	0.005	SM 3120	26-Aug-16/O	0.016	0.009	

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical

Note: Bacteria sample not run because holding time exceeded.

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

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Gord Murphy
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