

C.O.C.: DW 21906

REPORT No. B16-21906

Report To:

ATCO Structure & Logistics
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Attention: Rick Gaulton

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DATE RECEIVED: 26-Jul-16

JOB/PROJECT NO.: Raw Drinking Water

DATE REPORTED: 03-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	Treated Tap Water			
			Sample I.D.	B16-21906-1			
			Date Collected	20-Jul-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Fluoride	mg/L	0.1	SM4110C	26-Jul-16/O	0.1		
Nitrate (N)	mg/L	0.1	SM4110C	26-Jul-16/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	26-Jul-16/O	15.7		
Sulphate	mg/L	1	SM4110C	26-Jul-16/O	35		
Surfactants Content	mg/L	0.05	SM-5540-C	03-Aug-16/O	< 0.05 ²		
Phenolics	mg/L	0.001	MOEE 3179	28-Jul-16/O	< 0.001		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	26-Jul-16/O	0.5		
Arsenic	mg/L	0.0001	EPA 200.8	27-Jul-16/O	0.0004		
Barium	mg/L	0.001	SM 3120	27-Jul-16/O	0.010		
Cadmium	mg/L	0.00002	EPA 200.8	27-Jul-16/O	< 0.00002		
Chromium (VI)	mg/L	0.002	MOE E3056	27-Jul-16/O	< 0.002 ¹		
Iron	mg/L	0.005	SM 3120	27-Jul-16/O	0.009		
Lead	mg/L	0.00002	EPA 200.8	27-Jul-16/O	0.00017		
Manganese	mg/L	0.001	SM 3120	27-Jul-16/O	0.002		
Selenium	mg/L	0.001	EPA 200.8	27-Jul-16/O	< 0.001		
Silver	mg/L	0.00002	EPA 200.8	27-Jul-16/O	< 0.00002		
Zinc	mg/L	0.005	SM 3120	27-Jul-16/O	0.009		
Chromium	mg/L	0.002	SM 3120	27-Jul-16/O	< 0.002		
Cyanide (Total)	µg/L	5	SM4500CN	29-Jul-16/R	< 5		
E coli	cfu/100mL	1	MOE E3407	26-Jul-16/O	0		

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical

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
Lab Supervisor