

C.O.C.: DW 14677

REPORT No. B15-14677

Report To:

ATCO Structure & Logistics
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DATE RECEIVED: 17-Jun-15

JOB/PROJECT NO.: Resolute Raw Drinking Water

DATE REPORTED: 09-Jul-15

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water	Treated - Turbidity		
			Sample I.D.		B15-14677-1	B15-14677-2		
			Date Collected		15-Jun-15	15-Jun-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L		Calc.	25-Jun-15	234			
Turbidity	NTU	0.1	SM 2130	18-Jun-15/O	0.9	0.4		
Fluoride	mg/L	0.1	SM4110C	18-Jun-15/O	0.1			
Nitrite (N)	mg/L	0.1	SM4110C	18-Jun-15/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	18-Jun-15/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	18-Jun-15/O	23.5			
Sulphate	mg/L	1	SM4110C	18-Jun-15/O	49			
Surfactants Content	mg/L	0.05	SM-5540-C	26-Jun-15/O	< 0.05	²		
Phenolics	mg/L	0.001	MOEE 3179	22-Jun-15/O	< 0.001			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	22-Jun-15/O	1.7			
Total Cyanide	mg/L	0.005	SM 4500CN	24-Jun-15/K	< 0.005			
Arsenic	mg/L	0.0001	EPA 200.8	18-Jun-15/O	0.0003			
Barium	mg/L	0.001	SM 3120	18-Jun-15/O	0.012			
Cadmium	mg/L	0.00002	EPA 200.8	18-Jun-15/O	< 0.00002			
Chromium (VI)	mg/L	0.002	MOE E3056	22-Jun-15/O	< 0.002	¹		
Copper	mg/L	0.002	SM 3120	18-Jun-15/O	< 0.002			
Iron	mg/L	0.005	SM 3120	18-Jun-15/O	0.038			
Lead	mg/L	0.00002	EPA 200.8	18-Jun-15/O	0.00034			
Manganese	mg/L	0.001	SM 3120	18-Jun-15/O	0.003			
Selenium	mg/L	0.001	EPA 200.8	18-Jun-15/O	< 0.001			
Silver	mg/L	0.00002	EPA 200.8	18-Jun-15/O	< 0.00002			
Zinc	mg/L	0.005	SM 3120	18-Jun-15/O	0.013			

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