

C.O.C.: DW 05813

REPORT No. B15-05813

Report To:

ATCO Structure & Logistics
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DATE RECEIVED: 23-Mar-15

JOB/PROJECT NO.:

DATE REPORTED: 31-Mar-15

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water	Treated - Turbidity		
			Sample I.D.		B15-05813-1	B15-05813-2		
			Date Collected		14-Mar-15	14-Mar-15		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L		Calc.	24-Mar-15	233			
Turbidity	NTU	0.1	SM 2130	24-Mar-15/O	0.4	0.3		
Surfactants Content	mg/L	0.05	SM-5540-C	30-Mar-15/O	< 0.05 ²			
Chloride	mg/L	0.5	SM4110C	23-Mar-15/O	25.1			
Fluoride	mg/L	0.1	SM4110C	23-Mar-15/O	0.2			
Nitrate (N)	mg/L	0.1	SM4110C	23-Mar-15/O	< 0.1			
Sulphate	mg/L	1	SM4110C	23-Mar-15/O	54			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	23-Mar-15/O	1.1			
Phenolics	mg/L	0.001	MOEE 3179	27-Mar-15/O	< 0.001			
Total Cyanide	mg/L	0.005	SM 4500CN	25-Mar-15/K	< 0.005			
Arsenic	mg/L	0.0001	EPA 200.8	24-Mar-15/O	0.0003			
Barium	mg/L	0.001	SM 3120	24-Mar-15/O	0.012			
Cadmium	mg/L	0.00002	EPA 200.8	24-Mar-15/O	< 0.00002			
Chromium (VI)	mg/L	0.002	MOEE 3056	24-Mar-15/O	< 0.002 ¹			
Chromium	mg/L	0.002	SM 3120	24-Mar-15/O	< 0.002			
Iron	mg/L	0.005	SM 3120	24-Mar-15/O	< 0.005			
Lead	mg/L	0.00002	EPA 200.8	24-Mar-15/O	0.00010			
Manganese	mg/L	0.001	SM 3120	24-Mar-15/O	0.001			
Selenium	mg/L	0.001	EPA 200.8	24-Mar-15/O	< 0.001			
Silver	mg/L	0.00002	EPA 200.8	24-Mar-15/O	< 0.00002			
Zinc	mg/L	0.005	SM 3120	24-Mar-15/O	< 0.005			

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