

C.O.C.: DW 14677

REPORT No. B15-14677

Report To:

ATCO Structure & Logistics
PO Box 88, Hamlet of Resolute Bay
NU X0A 0V0 Canada

Attention: Rick Gaulton

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

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	M.D.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



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill