

C.O.C.: ---

REPORT No. B15-17118

Report To:

Municipality of Igloolik
PO Box 30,
Igloolik NU X0A 0L0 Canada

Attention: Brian Fleming

Caduceon Environmental Laboratories

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

DATE RECEIVED: 09-Jul-15

JOB/PROJECT NO.: Raw Drinking Water

DATE REPORTED: 23-Jul-15

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water	Treated - Turbidity		
			Sample I.D.		B15-17118-1	B15-17118-2		
			Date Collected		29-Jun-15	29-Jun-15		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Turbidity	NTU	0.1	SM 2130	10-Jul-15/O	2.3	11.8		
TDS (Calc. from Cond.)	mg/L		Calc.	22-Jul-15	144			
Phenolics	mg/L	0.001	MOEE 3179	21-Jul-15/O	< 0.001			
Surfactants Content	mg/L	0.05	SM-5540-C	21-Jul-15/O	< 0.05 ²			
Chloride	mg/L	0.5	SM4110C	09-Jul-15/O	36.7			
Fluoride	mg/L	0.1	SM4110C	09-Jul-15/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	09-Jul-15/O	< 0.1			
Nitrite (N)	mg/L	0.1	SM4110C	09-Jul-15/O	< 0.1			
Sulphate	mg/L	1	SM4110C	09-Jul-15/O	21			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	13-Jul-15/O	3.3			
Total Cyanide	mg/L	0.005	SM 4500CN	13-Jul-15/K	< 0.005			
Arsenic	mg/L	0.0001	EPA 200.8	10-Jul-15/O	0.0003			
Barium	mg/L	0.001	SM 3120	10-Jul-15/O	0.002			
Cadmium	mg/L	0.00002	EPA 200.8	10-Jul-15/O	< 0.00002			
Chromium	mg/L	0.002	SM 3120	10-Jul-15/O	< 0.002			
Chromium (VI)	mg/L	0.002	MOE E3056	13-Jul-15/O	< 0.002 ¹			
Copper	mg/L	0.002	SM 3120	10-Jul-15/O	< 0.002			
Iron	mg/L	0.005	SM 3120	10-Jul-15/O	0.019			
Lead	mg/L	0.00002	EPA 200.8	10-Jul-15/O	< 0.00002			
Manganese	mg/L	0.001	SM 3120	10-Jul-15/O	0.003			
Selenium	mg/L	0.001	EPA 200.8	10-Jul-15/O	< 0.001			
Silver	mg/L	0.00002	EPA 200.8	10-Jul-15/O	< 0.00002			
Zinc	mg/L	0.005	SM 3120	10-Jul-15/O	< 0.005			

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical

R.D.L. = Reported Detection Limit

Site Analyzed: K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill

Uncertainty Values available upon request

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.