

C.O.C.: DW 13587

REPORT No. B16-13587

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: 20-May-16

JOB/PROJECT NO.: Raw Drinking Water

DATE REPORTED: 02-Jun-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	South Lake- Raw	South Lake- Treated		
			Sample I.D.	B16-13587-1	B16-13587-2		
			Date Collected				
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
TDS (Calc. from Cond.)	mg/L		Calc.	01-Jun-16	2110		
Phenolics	mg/L	0.001	MOEE 3179	31-May-16/O	< 0.001		
Turbidity	NTU	0.1	SM 2130	20-May-16/O	1.4	1.1	
Total Organic Carbon	mg/L	0.2	EPA 415.1	31-May-16/O	5.3		
Cyanide (Total)	µg/L	5	SM4500CN	26-May-16/R	< 5		
Surfactants Content	mg/L	0.05	SM-5540-C	01-Jun-16/O	0.11 ³		
Chloride	mg/L	0.5	SM4110C	24-May-16/O	541		
Fluoride	mg/L	0.1	SM4110C	20-May-16/O	0.5		
Nitrate (N)	mg/L	0.1	SM4110C	20-May-16/O	< 0.1		
Nitrite (N)	mg/L	0.1	SM4110C	24-May-16/O	< 0.5 ²		
Sulphate	mg/L	1	SM4110C	20-May-16/O	217		
Arsenic	mg/L	0.0001	EPA 200.8	26-May-16/O	0.0025		
Barium	mg/L	0.001	SM 3120	24-May-16/O	0.029		
Cadmium	mg/L	0.00002	EPA 200.8	26-May-16/O	< 0.00002		
Chromium (VI)	mg/L	0.002	MOE E3056	24-May-16/O	< 0.002 ¹		
Copper	mg/L	0.002	SM 3120	24-May-16/O	< 0.002		
Iron	mg/L	0.005	SM 3120	24-May-16/O	0.146		
Lead	mg/L	0.00002	EPA 200.8	26-May-16/O	< 0.00002		
Manganese	mg/L	0.001	SM 3120	24-May-16/O	0.052		
Selenium	mg/L	0.001	EPA 200.8	26-May-16/O	0.003		
Silver	mg/L	0.00002	EPA 200.8	26-May-16/O	< 0.00002		
Sodium	mg/L	0.2	SM 3120	24-May-16/O	294		
Zinc	mg/L	0.005	SM 3120	24-May-16/O	< 0.005		

1 Chromium (VI) result is based on total chromium

2 elevated detection limit due to high chloride

3 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