

C.O.C.: DW 25445

REPORT No. B16-25445

Report To:

Municipality of Igloolik

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Igloolik NU X0A 0L0 Canada

Attention: Shawn Stuckey

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DATE RECEIVED: 25-Aug-16

JOB/PROJECT NO.: Raw Drinking Water

DATE REPORTED: 30-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	South Lake	Fish Lake	Truck 064	
			Sample I.D.	B16-25445-1	B16-25445-2	B16-25445-3	
			Date Collected	23-Aug-16	23-Aug-16	23-Aug-16	
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
TDS (Calc. from Cond.)	mg/L		Calc.	30-Aug-16	362	334	234
Turbidity	NTU	0.1	SM 2130	26-Aug-16/O	0.7	0.8	0.8
Surfactants Content	mg/L	0.05	SM-5540-C	30-Aug-16/O	< 0.05 ²	< 0.05 ²	< 0.05 ²
Chloride	mg/L	0.5	SM4110C	25-Aug-16/O	103	93.9	48.2
Fluoride	mg/L	0.1	SM4110C	25-Aug-16/O	0.2	0.2	0.2
Nitrate (N)	mg/L	0.1	SM4110C	25-Aug-16/O	< 0.1	< 0.1	0.1
Nitrite (N)	mg/L	0.1	SM4110C	25-Aug-16/O	< 0.1	< 0.1	< 0.1
Sulphate	mg/L	1	SM4110C	25-Aug-16/O	39	34	35
Phenolics	mg/L	0.001	MOEE 3179	30-Aug-16/O	< 0.001	< 0.001	< 0.001
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	26-Aug-16/O	3.7	2.4	1.4
Cyanide (Total)	mg/L	0.005	SM 4500CN	30-Aug-16/K	< 0.005	< 0.005	< 0.005
Arsenic	mg/L	0.0001	EPA 200.8	26-Aug-16/O	0.0006	0.0006	0.0005
Barium	mg/L	0.001	SM 3120	26-Aug-16/O	0.003	0.003	0.002
Cadmium	mg/L	0.00002	EPA 200.8	26-Aug-16/O	< 0.00002	< 0.00002	< 0.00002
Chromium	mg/L	0.002	SM 3120	26-Aug-16/O	< 0.002	< 0.002	< 0.002
Chromium (VI)	mg/L	0.002	MOE E3056	29-Aug-16/O	< 0.002 ¹	< 0.002 ¹	< 0.002 ¹
Copper	mg/L	0.002	SM 3120	26-Aug-16/O	< 0.002	< 0.002	< 0.002
Iron	mg/L	0.005	SM 3120	26-Aug-16/O	0.012	0.015	0.034
Lead	mg/L	0.00002	EPA 200.8	26-Aug-16/O	0.00010	< 0.00002	< 0.00002
Manganese	mg/L	0.001	SM 3120	26-Aug-16/O	0.002	0.002	< 0.001
Selenium	mg/L	0.001	EPA 200.8	26-Aug-16/O	0.001	0.001	0.001
Silver	mg/L	0.00002	EPA 200.8	26-Aug-16/O	< 0.00002	< 0.00002	< 0.00002
Sodium	mg/L	0.2	SM 3120	26-Aug-16/O	57.3	53.8	30.1
Zinc	mg/L	0.005	SM 3120	26-Aug-16/O	< 0.005	< 0.005	< 0.005
Total Coliform	cfu/100mL	1	MOE E3407	25-Aug-16/O	2	13	0
E coli	cfu/100mL	1	MOE E3407	25-Aug-16/O	2	11	0

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