

C.O.C.: DW 22947

REPORT No. B16-22947

Report To:

Municipality of Hall Beach

P.O. Box 3,
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Attention: Kimberly Young

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DATE RECEIVED: 04-Aug-16

JOB/PROJECT NO.: Raw Drinking Water

DATE REPORTED: 12-Aug-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.		Raw Drinking Water	Treated Drinking Water		
			Sample I.D.		B16-22947-1	B16-22947-2		
			Date Collected		02-Aug-16	02-Aug-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed				
TDS (Calc. from Cond.)	mg/L		Calc.	10-Aug-16	255	255		
Turbidity	NTU	0.1	SM 2130	05-Aug-16/O	0.6	0.6		
Surfactants Content	mg/L	0.05	SM-5540-C	11-Aug-16/O	< 0.05 ²	< 0.05 ²		
Chloride	mg/L	0.5	SM4110C	04-Aug-16/O	78.2	78.3		
Fluoride	mg/L	0.1	SM4110C	04-Aug-16/O	0.1	0.1		
Nitrate (N)	mg/L	0.1	SM4110C	04-Aug-16/O	< 0.1	< 0.1		
Sulphate	mg/L	1	SM4110C	04-Aug-16/O	17	17		
Phenolics	mg/L	0.001	MOEE 3179	05-Aug-16/O	< 0.001	< 0.001		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	04-Aug-16/O	1.8	1.8		
Cyanide (Total)	µg/L	5	SM4500CN	05-Aug-16/R	< 5	< 5		
Arsenic	mg/L	0.0001	EPA 200.8	05-Aug-16/O	0.0004	0.0004		
Barium	mg/L	0.001	SM 3120	05-Aug-16/O	0.002	0.002		
Cadmium	mg/L	0.00002	EPA 200.8	05-Aug-16/O	< 0.00002	< 0.00002		
Chromium	mg/L	0.002	SM 3120	05-Aug-16/O	< 0.002	< 0.002		
Chromium (VI)	mg/L	0.002	MOE E3056	05-Aug-16/O	< 0.002 ¹	< 0.002 ¹		
Iron	mg/L	0.005	SM 3120	05-Aug-16/O	< 0.005	< 0.005		
Lead	mg/L	0.00002	EPA 200.8	05-Aug-16/O	< 0.00002	0.00072		
Manganese	mg/L	0.001	SM 3120	05-Aug-16/O	< 0.001	< 0.001		
Selenium	mg/L	0.001	EPA 200.8	05-Aug-16/O	< 0.001	< 0.001		
Silver	mg/L	0.00002	EPA 200.8	05-Aug-16/O	< 0.00002	< 0.00002		
Zinc	mg/L	0.005	SM 3120	05-Aug-16/O	< 0.005	0.009		
E coli	cfu/100mL	1	MOE E3371	04-Aug-16/O	0	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