

C.O.C.: DW 02562

REPORT No. B15-02562

Report To:

Hamlet of Arctic Bay
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Attention: Joeli Qamanirq

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DATE RECEIVED: 05-Feb-15

JOB/PROJECT NO.:

DATE REPORTED: 18-Feb-15

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	Truck Fill Station - Raw	Treated		
			Sample I.D.	B15-02562-1	B15-02562-2		
			Date Collected	05-Feb-15			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Turbidity	NTU	0.1	SM 2130	09-Feb-15/O	1.4	1.1	
Surfactants Content	mg/L	0.05	SM-5540-C	12-Feb-15/O	< 0.05 ²		
Chloride	mg/L	0.5	SM4110C	06-Feb-15/O	3.9		
Fluoride	mg/L	0.1	SM4110C	06-Feb-15/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	06-Feb-15/O	0.1		
Sulphate	mg/L	1	SM4110C	06-Feb-15/O	3		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	09-Feb-15/O	1.3		
Total Cyanide	mg/L	0.005	SM 4500CN	10-Feb-15/K	< 0.005		
Arsenic	mg/L	0.0001	EPA 200.8	06-Feb-15/O	0.0002		
Barium	mg/L	0.001	SM 3120	06-Feb-15/O	0.035		
Cadmium	mg/L	0.00002	EPA 200.8	06-Feb-15/O	< 0.00002		
Chromium	mg/L	0.002	SM 3120	06-Feb-15/O	< 0.002		
Chromium (VI)	mg/L	0.002	MOEE 3056	09-Feb-15/O	< 0.002 ¹		
Iron	mg/L	0.005	SM 3120	06-Feb-15/O	0.018		
Lead	mg/L	0.00002	EPA 200.8	06-Feb-15/O	0.00020		
Manganese	mg/L	0.001	SM 3120	06-Feb-15/O	0.001		
Selenium	mg/L	0.001	EPA 200.8	06-Feb-15/O	< 0.001		
Silver	mg/L	0.00002	EPA 200.8	06-Feb-15/O	< 0.00002		
Zinc	mg/L	0.005	SM 3120	06-Feb-15/O	0.006		
Phenolics	mg/L	0.001	MOEE 3179	10-Feb-15/O	< 0.001		
TDS (Calc. from Cond.)	mg/L		Calc.	09-Feb-15	29		

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