

C.O.C.: ---

REPORT No. B18-03334

Report To:

Municipality of Cape Dorset

PO Box 30,
Cape Dorset NU X0A 0C0 Canada

Attention: SAO -

Caduceon Environmental Laboratories

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DATE RECEIVED: 06-Feb-18

JOB/PROJECT NO.: Drinking Water

DATE REPORTED: 13-Feb-18

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	T-Lake	Q-Lake	810 Water Truck	
			Sample I.D.	B18-03334-1	B18-03334-2	B18-03334-3	
			Date Collected	02-Feb-18	02-Feb-18	02-Feb-18	
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Turbidity	NTU	0.1	SM 2130	08-Feb-18/O	0.9	0.4	0.4
TDS (Calc. from Cond.)	mg/L	1	Calc.	07-Feb-18	34	152	34
Surfactants Content	mg/L	0.05	SM-5540-C	13-Feb-18/O	< 0.05 ¹	0.07 ¹	0.13 ¹
Chloride	mg/L	0.5	SM4110C	07-Feb-18/O	8.0	15.6	8.0
Fluoride	mg/L	0.1	SM4110C	07-Feb-18/O	< 0.1	< 0.1	< 0.1
Nitrate (N)	mg/L	0.1	SM4110C	07-Feb-18/O	< 0.1	< 0.1	< 0.1
Sulphate	mg/L	1	SM4110C	07-Feb-18/O	2	32	2
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	06-Feb-18/O	0.6	1.4	0.3
Phenolics	mg/L	0.001	MOEE 3179	08-Feb-18/O	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	0.0001	EPA 200.8	07-Feb-18/O	< 0.0001	0.0002	0.0001
Barium	mg/L	0.001	SM 3120	07-Feb-18/O	0.002	0.016	0.001
Cadmium	mg/L	0.000014	EPA 200.8	07-Feb-18/O	0.000026	0.000132	< 0.000014
Chromium	mg/L	0.002	SM 3120	07-Feb-18/O	< 0.002	< 0.002	< 0.002
Chromium (VI)	mg/L	0.002	MOE E3056	09-Feb-18/O	< 0.002	< 0.002	< 0.002
Copper	mg/L	0.002	SM 3120	07-Feb-18/O	0.002	< 0.002	0.009
Cyanide (Total)	mg/L	0.005	SM 4500CN	08-Feb-18/K	< 0.005	< 0.005	< 0.005
Iron	mg/L	0.005	SM 3120	07-Feb-18/O	0.006	0.015	0.011
Lead	mg/L	0.00002	EPA 200.8	07-Feb-18/O	< 0.00002	0.00002	0.00018
Manganese	mg/L	0.001	SM 3120	07-Feb-18/O	0.001	0.028	0.001
Selenium	mg/L	0.001	EPA 200.8	07-Feb-18/O	< 0.001	< 0.001	< 0.001
Silver	mg/L	0.00002	EPA 200.8	07-Feb-18/O	< 0.00002	< 0.00002	< 0.00002
Zinc	mg/L	0.005	SM 3120	07-Feb-18/O	< 0.005	0.017	0.008

1. Subcontracted to Niagara Analytical

NOTE: Unable to analyze for Total Coliform & e. Coli due to holding time exceedances.



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,B-Barrie

Greg Clarkin, BSc., C. Chem
Lab Manager - Ottawa District

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.