

C.O.C.: DW 25444

REPORT No. B16-25444

Report To:

Municipality of Cape Dorset

PO Box 30,
Cape Dorset NU X0A 0C0 Canada

Attention: Ed Devereaux

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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.	T-Lake	Dead Dog Lake	809 Truck	
			Sample I.D.	B16-25444-1	B16-25444-2	B16-25444-3	
			Date Collected	24-Aug-16	24-Aug-16	24-Aug-16	
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Turbidity	NTU	0.1	SM 2130	26-Aug-16/O	1.0	2.7	1.0
TDS (Calc. from Cond.)	mg/L		Calc.	30-Aug-16	28.0	58.0	30.0
Surfactants Content	mg/L	0.05	SM-5540-C	30-Aug-16/O	¹ < 0.05	³ < 0.05	³ < 0.05
Chloride	mg/L	0.5	SM4110C	25-Aug-16/O	6.1	5.9	6.7
Fluoride	mg/L	0.1	SM4110C	25-Aug-16/O	< 0.1	0.1	< 0.1
Nitrate (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	2	18	2
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	26-Aug-16/O	0.5	0.6	0.6
Cyanide (Total)	mg/L	0.005	SM 4500CN	30-Aug-16/K	< 0.005	< 0.005	< 0.005
Phenolics	mg/L	0.001	MOEE 3179	30-Aug-16/O	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	0.0001	EPA 200.8	26-Aug-16/O	0.0001	0.0003	0.0001
Barium	mg/L	0.001	SM 3120	26-Aug-16/O	0.001	0.004	0.001
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 ²	< 0.002 ²	< 0.002 ²
Copper	mg/L	0.002	SM 3120	26-Aug-16/O	< 0.002	0.005	0.006
Iron	mg/L	0.005	SM 3120	26-Aug-16/O	< 0.005	0.101	< 0.005
Lead	mg/L	0.00002	EPA 200.8	26-Aug-16/O	< 0.00002	0.00007	0.00006
Manganese	mg/L	0.001	SM 3120	26-Aug-16/O	< 0.001	0.010	< 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
Zinc	mg/L	0.005	SM 3120	26-Aug-16/O	< 0.005	< 0.005	0.020
Total Coliform	cfu/100mL	1	MOE E3407	25-Aug-16/O	5	15	0
E coli	cfu/100mL	1	MOE E3407	25-Aug-16/O	0	4	0

1. Arrived broken
2. Chromium (VI) result is based on total chromium
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