

C.O.C.: ---

REPORT No. B14-20548

Report To:

Municipality of Cape Dorset
PO Box 30,
Cape Dorset NU X0A 0C0 Canada

Attention: Mike Hayward

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 14-Aug-14

JOB/PROJECT NO.: Waste Water

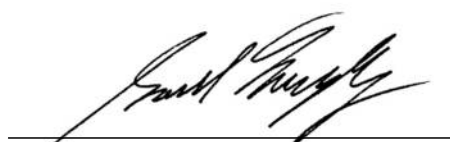
DATE REPORTED: 26-Aug-14

P.O. NUMBER: 32370

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Cap 4	Cap 5		
			Sample I.D.	B14-20548-1	B14-20548-2		
			Date Collected	10-Aug-14	10-Aug-14		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	15-Aug-14/O	4	5	
Total Suspended Solids	mg/L	3	SM 2540D	20-Aug-14/O	< 3	44	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	15-Aug-14/O	105	197	
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	15-Aug-14/O	145	194	
Conductivity @25°C	µmho/cm	1	SM 2510B	15-Aug-14/O	486	533	
pH @25°C	pH Units		SM 4500H	15-Aug-14/O	7.70	7.75	
Nitrite (N)	mg/L	0.1	SM4110C	15-Aug-14/O	0.3	0.4	
Nitrate (N)	mg/L	0.1	SM4110C	15-Aug-14/O	2.5	2.0	
Chloride	mg/L	0.5	SM4110C	15-Aug-14/O	26.8	20.0	
Sulphate	mg/L	1	SM4110C	15-Aug-14/O	49	51	
Total Organic Carbon	mg/L	0.2	EPA 415.1	14-Aug-14/O	7.5	10.5	
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	19-Aug-14/O	15.9	9.03	
Phenolics	mg/L	0.001	MOEE 3179	15-Aug-14/O	< 0.001	0.056	
Aluminum (total)	mg/L	0.01	SM 3120	15-Aug-14/O	0.04	0.38	
Arsenic	mg/L	0.0005	EPA 200.8	15-Aug-14/O	0.0370	0.0050	
Calcium	mg/L	0.02	SM 3120	15-Aug-14/O	31.0	59.3	
Cadmium	mg/L	0.005	SM 3120	15-Aug-14/O	< 0.005	< 0.005	
Chromium	mg/L	0.002	SM 3120	15-Aug-14/O	< 0.002	< 0.002	
Cobalt	mg/L	0.005	SM 3120	15-Aug-14/O	< 0.005	< 0.005	
Copper	mg/L	0.002	SM 3120	15-Aug-14/O	0.004	0.003	
Iron (Total)	mg/L	0.005	SM 3120	15-Aug-14/O	0.718	2.65	
Lead	mg/L	0.02	SM 3120	15-Aug-14/O	< 0.02	< 0.02	
Mercury	mg/L	0.00002	SM 3112 B	20-Aug-14/O	< 0.00002	< 0.00002	
Magnesium	mg/L	0.01	SM 3120	15-Aug-14/O	6.62	11.9	
Manganese (Total)	mg/L	0.001	SM 3120	15-Aug-14/O	0.751	1.35	
Nickel	mg/L	0.01	SM 3120	15-Aug-14/O	0.01	< 0.01	
Potassium	mg/L	0.1	SM 3120	15-Aug-14/O	9.9	8.5	
Sodium	mg/L	0.2	SM 3120	15-Aug-14/O	40.7	21.0	



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

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.

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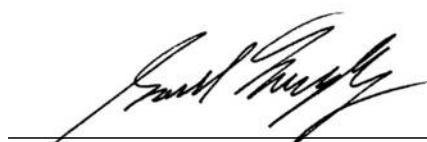
SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Cap 4	Cap 5		
			Sample I.D.	B14-20548-1	B14-20548-2		
			Date Collected	10-Aug-14	10-Aug-14		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Zinc	mg/L	0.005	SM 3120	15-Aug-14/O	0.015	0.016	
Oil & Grease-Total	mg/L	1.0	SM 5520	22-Aug-14/K	< 1.0	< 1.0	
Fecal Coliform	cfu/100mL	1	MOE E3371	14-Aug-14/O	310	10	

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