

C.O.C.: G35601

REPORT No. B13-19825

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
Fax: 613-526-1244

DATE RECEIVED: 31-Jul-13

JOB/PROJECT NO.:

DATE REPORTED: 09-Aug-13

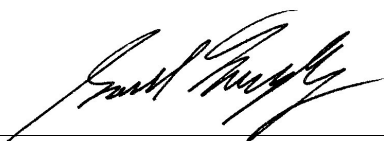
P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Client I.D.	Leachate (CAP-2 N64'13 670' N76' 34 389)			
Sample I.D.	B13-19825-1			
Date Collected	27-Jul-13			

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Fecal Coliform	cfu/100mL	1	MOE E3371	31-Jul-13/O	50			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	02-Aug-13/O	453			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	01-Aug-13/O	159			
Conductivity @25 °C	µmho/cm	1	SM 2510B	01-Aug-13/O	1190			
pH @25 °C	pH Units		SM 4500H	01-Aug-13/O	8.14			
Phosphorus-Total	mg/L	0.01	MOEE 3367	02-Aug-13/O	0.06			
BOD	mg/L	3	SM 5210B	02-Aug-13/O	12			
Total Suspended Solids	mg/L	3	SM 2540D	02-Aug-13/O	11			
Total Organic Carbon	mg/L	0.2	EPA 415.1	02-Aug-13/O	10.7			
Nitrite (N)	mg/L	0.1	SM4110C	01-Aug-13/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	01-Aug-13/O	0.2			
Chloride	mg/L	0.5	SM4110C	01-Aug-13/O	68.7			
Sulphate	mg/L	1	SM4110C	02-Aug-13/O	388			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	01-Aug-13/O	1.70			
Phenolics	mg/L	0.001	MOEE 3179	09-Aug-13/O	0.015			
Aluminum (total)	mg/L	0.01	SM 3120	02-Aug-13/O	0.15			
Arsenic	mg/L	0.0005	EPA 200.8	06-Aug-13/O	0.0010			
Calcium	mg/L	0.02	SM 3120	02-Aug-13/O	159			
Cadmium	mg/L	0.005	SM 3120	02-Aug-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	02-Aug-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	02-Aug-13/O	0.004			
Chromium	mg/L	0.002	SM 3120	02-Aug-13/O	< 0.002			
Iron (Total)	mg/L	0.005	SM 3120	02-Aug-13/O	0.971			
Potassium	mg/L	0.1	SM 3120	02-Aug-13/O	10.1			
Magnesium	mg/L	0.01	SM 3120	02-Aug-13/O	13.3			
Manganese (Total)	mg/L	0.001	SM 3120	02-Aug-13/O	0.475			



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.

C.O.C.: G35601

REPORT No. B13-19825

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
Fax: 613-526-1244

DATE RECEIVED: 31-Jul-13

JOB/PROJECT NO.:

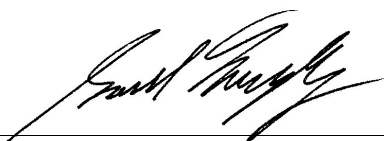
DATE REPORTED: 09-Aug-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Leachate (CAP-2 N64'13 670' N76' 34 389)			
			Sample I.D.		B13-19825-1			
			Date Collected		27-Jul-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Sodium	mg/L	0.2	SM 3120	02-Aug-13/O	52.0			
Nickel	mg/L	0.01	SM 3120	02-Aug-13/O	< 0.01			
Lead	mg/L	0.02	SM 3120	02-Aug-13/O	< 0.02			
Zinc	mg/L	0.005	SM 3120	02-Aug-13/O	0.010			
Mercury	mg/L	0.00002	SM 3112 B	02-Aug-13/O	< 0.00002			
Benzene	µg/L	0.5	EPA 8260	01-Aug-13/O	< 0.5			
Toluene	µg/L	0.5	EPA 8260	01-Aug-13/O	< 0.5			
Ethylbenzene	µg/L	0.5	EPA 8260	01-Aug-13/O	< 0.5			
Xylene, m,p-	µg/L	1.0	EPA 8260	01-Aug-13/O	< 1.0			
Styrene	µg/L	0.5	EPA 8260	01-Aug-13/O	< 0.5			
Xylene, o-	µg/L	0.5	EPA 8260	01-Aug-13/O	< 0.5			
Dichloroethane-d4,1,2-(SS)	%		EPA 8260	01-Aug-13/O	94.0			
Toluene-d8 (SS)	%		EPA 8260	01-Aug-13/O	99.8			
Bromofluorobenzene,4(SS)	%		EPA 8260	01-Aug-13/O	96.3			
PHC F1 (C6-C10)	µg/L	50	MOE E3421	06-Aug-13/O	< 50			
PHC F2 (>C10-C16)	µg/L	50	MOE E3421	06-Aug-13/O	< 50			
PHC F3 (>C16-C34)	µg/L	400	MOE E3421	06-Aug-13/O	< 400			
PHC F4 (>C34-C50)	µg/L	400	MOE E3421	06-Aug-13/O	< 400			
Comment-purgeable	-		-	06-Aug-13/O	-			
Comment-extractable	-		-	06-Aug-13	-			
Oil & Grease-Total	mg/L	1.0	SM 5520	07-Aug-13/K	< 1.0			
Acenaphthene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Acenaphthylene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Anthracene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Benzo(a)anthracene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Benzo(a)pyrene	µg/L	0.01	EPA 8270	07-Aug-13/K	< 0.01			



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.

C.O.C.: G35601

REPORT No. B13-19825

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
Fax: 613-526-1244

DATE RECEIVED: 31-Jul-13

JOB/PROJECT NO.:

DATE REPORTED: 09-Aug-13

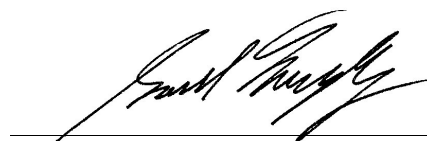
P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

Client I.D.	Leachate (CAP-2 N64'13 670' N76' 34 389)			
Sample I.D.	B13-19825-1			
Date Collected	27-Jul-13			

Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Benzo(b)fluoranthene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Benzo(b+k)fluoranthene	µg/L	0.1	EPA 8270	07-Aug-13/K	< 0.1			
Benzo(g,h,i)perylene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Benzo(k)fluoranthene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Chrysene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Dibenzo(a,h)anthracene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Fluoranthene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Fluorene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Indeno(1,2,3,-cd)pyrene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Methylnaphthalene,1-	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Methylnaphthalene,2-	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Naphthalene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Phenanthrene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
Pyrene	µg/L	0.05	EPA 8270	07-Aug-13/K	< 0.05			
2-Fluorobiphenyl (SS)	% rec.	10	EPA 8270	07-Aug-13/K	95.0			
Terphenyl-d14 (SS)	% rec.	10	EPA 8270	07-Aug-13/K	95.0			



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.