

Lab Test Results in 2012 and 2013
For
Hamlet of Clyde River

C.O.C.: G27780

REPORT No. B12-26729

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: David Arreak

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 18-Oct-12

JOB/PROJECT NO.: Sewage Lagoon Sample

DATE REPORTED: 26-Oct-12

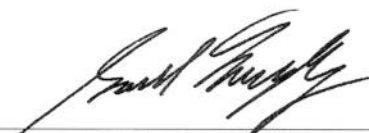
P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Sewage Truck	Sewage Lagoon	Water Lake	
			Sample I.D.	B12-26729-1	B12-26729-2	B12-26729-3	
			Date Collected	15-Oct-12	15-Oct-12	15-Oct-12	
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	19-Oct-12/O	282	< 3	
Total Suspended Solids	mg/L	3	SM 2540D	19-Oct-12/O	40	< 3	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	22-Oct-12/O	53	15	
Alkalinity (as CaCO ₃)	mg/L	5	SM 2320B	22-Oct-12/O	415	< 10	
Conductivity	µmho/cm	1	SM 2510B	19-Oct-12/O	1180	64	
pH	pH Units		SM 4500H	22-Oct-12/O	7.60	6.61	
Nitrite (N)	mg/L	0.1	SM4110C	18-Oct-12/O	< 0.1	< 0.1	
Nitrate (N)	mg/L	0.1	SM4110C	18-Oct-12/O	< 0.1	< 0.1	
Chloride	mg/L	0.5	SM4110C	18-Oct-12/O	71.2	8.5	
Sulphate	mg/L	1	SM4110C	18-Oct-12/O	3	6	
Total Organic Carbon	mg/L	0.2	EPA 415.1	25-Oct-12/O	74.9		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	19-Oct-12/O	80.7	< 0.01	
Phenolics	mg/L	0.001	MOEE 3179	23-Oct-12/O	0.510	< 0.001	
Aluminum (total)	mg/L	0.01	SM 3120	22-Oct-12/O	0.61	0.14	
Arsenic	mg/L	0.0005	EPA 200.8	23-Oct-12/O	0.0019	< 0.0005	
Calcium	mg/L	0.02	SM 3120	22-Oct-12/O	10.9	2.69	
Cadmium	mg/L	0.005	SM 3120	22-Oct-12/O	< 0.005	< 0.005	
Cobalt	mg/L	0.005	SM 3120	22-Oct-12/O	< 0.005	< 0.005	
Copper	mg/L	0.002	SM 3120	22-Oct-12/O	0.151	0.008	
Chromium	mg/L	0.002	SM 3120	22-Oct-12/O	< 0.002	0.008	
Iron (Total)	mg/L	0.005	SM 3120	22-Oct-12/O	1.15	0.069	
Lead	mg/L	0.02	SM 3120	22-Oct-12/O	< 0.02	< 0.02	
Magnesium	mg/L	0.01	SM 3120	22-Oct-12/O	6.29	1.98	
Manganese (Total)	mg/L	0.001	SM 3120	22-Oct-12/O	0.076	0.003	
Mercury	mg/L	0.00002	SM 3112 B	22-Oct-12/O	< 0.00002	< 0.00002	
Nickel	mg/L	0.01	SM 3120	22-Oct-12/O	0.02	0.01	
Potassium	mg/L	0.1	SM 3120	22-Oct-12/O	28.3	0.8	

Note: Lab Ran out of sample not able to do TOC on Lake Water.



Gord Murphy

Lab Supervisor

M.D.L. = Method Detection Limit

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

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C.O.C.: G27780

REPORT No. B12-26729

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: David Arreak

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 18-Oct-12

DATE REPORTED: 26-Oct-12

SAMPLE MATRIX: Waste Water

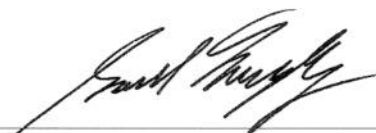
JOB/PROJECT NO.: Sewage Lagoon Sample

P.O. NUMBER:

WATERWORKS NO.

					Client I.D.	Sewage Truck	Sewage Lagoon	Water Lake	
					Sample I.D.	B12-26729-1	B12-26729-2	B12-26729-3	
					Date Collected	15-Oct-12	15-Oct-12	15-Oct-12	
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed					
Sodium	mg/L	0.2	SM 3120	22-Oct-12/O		84.1	5.3		
Zinc	mg/L	0.005	SM 3120	22-Oct-12/O		0.123	0.015		
Oil & Grease-Total	mg/L	1.0	SM 5520	25-Oct-12/K	54.2				
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Oct-12/O		1100000			

Note: Lab Ran out of sample not able to do TOC on Lake Water.



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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C.O.C.: G35600

REPORT No. B13-21400

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 16-Aug-13

JOB/PROJECT NO.:

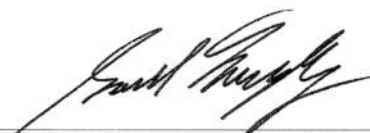
DATE REPORTED: 29-Aug-13

P.O. NUMBER:

SAMPLE MATRIX: Water

WATERWORKS NO.

				Client I.D.	Waste Water			
				Sample I.D.	B13-21400-1			
				Date Collected	16-Aug-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	21-Aug-13/O	215			
Total Suspended Solids	mg/L	3	SM 2540D	21-Aug-13/O	56			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	20-Aug-13/O	71			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	21-Aug-13/O	385			
Conductivity @25 °C	µmho/cm	1	SM 2510B	21-Aug-13/O	1050			
pH @25 °C	pH Units		SM 4500H	21-Aug-13/O	7.53			
Nitrite (N)	mg/L	0.1	SM4110C	20-Aug-13/O	0.2			
Nitrate (N)	mg/L	0.1	SM4110C	20-Aug-13/O	0.2			
Chloride	mg/L	0.5	SM4110C	20-Aug-13/O	7.7			
Sulphate	mg/L	1	SM4110C	20-Aug-13/O	5			
Total Organic Carbon	mg/L	0.2	EPA 415.1	21-Aug-13/O	61.8			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	27-Aug-13/O	74.9			
Phenolics	mg/L	0.001	MOEE 3179	21-Aug-13/O	0.480			
Aluminum (total)	mg/L	0.01	SM 3120	20-Aug-13/O	1.26			
Arsenic	mg/L	0.0005	EPA 200.8	20-Aug-13/O	0.0023			
Calcium	mg/L	0.02	SM 3120	20-Aug-13/O	15.7			
Cadmium	mg/L	0.005	SM 3120	20-Aug-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	20-Aug-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	20-Aug-13/O	0.103			
Chromium	mg/L	0.002	SM 3120	20-Aug-13/O	0.004			
Iron (Total)	mg/L	0.005	SM 3120	20-Aug-13/O	2.60			
Potassium	mg/L	0.1	SM 3120	20-Aug-13/O	24.6			
Magnesium	mg/L	0.01	SM 3120	20-Aug-13/O	7.77			
Manganese (Total)	mg/L	0.001	SM 3120	20-Aug-13/O	0.117			
Mercury	mg/L	0.00002	SM 3112 B	20-Aug-13/O	< 0.00002			
Nickel	mg/L	0.01	SM 3120	20-Aug-13/O	< 0.01			
Lead	mg/L	0.02	SM 3120	20-Aug-13/O	< 0.02			
Sodium	mg/L	0.2	SM 3120	20-Aug-13/O	79.9			



Gord Murphy

Lab Supervisor

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

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C.O.C.: G35600

REPORT No. B13-21400

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 16-Aug-13

JOB/PROJECT NO.:

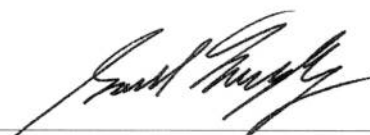
DATE REPORTED: 29-Aug-13

P.O. NUMBER:

SAMPLE MATRIX: Water

WATERWORKS NO.

			Client I.D.		Waste Water			
			Sample I.D.		B13-21400-1			
			Date Collected		16-Aug-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Zinc	mg/L	0.005	SM 3120	20-Aug-13/O	0.089			
Oil & Grease-Total	mg/L	1.0	SM 5520	23-Aug-13/K	31.4			
Fecal Coliform	cfu/100mL	1	MOE E3371	16-Aug-13/O	3200000			



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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C.O.C.: G35585

REPORT No. B13-14133

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 11-Jun-13

JOB/PROJECT NO.:

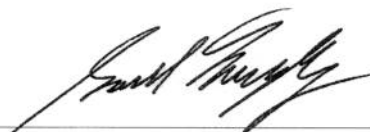
DATE REPORTED: 25-Jun-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water				
			Sample I.D.	B13-14133-1				
			Date Collected	06-Jun-13				
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	12-Jun-13/O	240			
Total Suspended Solids	mg/L	3	SM 2540D	12-Jun-13/O	200			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	12-Jun-13/O	52			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	12-Jun-13/O	514			
Conductivity @25°C	µmho/cm	1	SM 2510B	13-Jun-13/O	1440			
pH @25°C	pH Units		SM 4500H	12-Jun-13/O	7.66			
Nitrite (N)	mg/L	0.1	SM4110C	11-Jun-13/O	0.1			
Nitrate (N)	mg/L	0.1	SM4110C	11-Jun-13/O	< 0.1			
Chloride	mg/L	0.5	SM4110C	11-Jun-13/O	112			
Sulphate	mg/L	1	SM4110C	11-Jun-13/O	30			
Total Organic Carbon	mg/L	0.2	EPA 415.1	12-Jun-13/O	130			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	12-Jun-13/O	< 0.01			
Phenolics	mg/L	0.001	MOEE 3179	14-Jun-13/O	0.209			
Aluminum (total)	mg/L	0.01	SM 3120	12-Jun-13/O	1.62			
Arsenic	mg/L	0.0005	EPA 200.8	12-Jun-13/O	0.0006			
Calcium	mg/L	0.02	SM 3120	12-Jun-13/O	12.4			
Cadmium	mg/L	0.005	SM 3120	12-Jun-13/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	12-Jun-13/O	< 0.005			
Copper	mg/L	0.002	SM 3120	12-Jun-13/O	0.160			
Chromium	mg/L	0.002	SM 3120	12-Jun-13/O	0.003			
Iron (Total)	mg/L	0.005	SM 3120	12-Jun-13/O	0.585			
Lead	mg/L	0.02	SM 3120	12-Jun-13/O	< 0.02			
Magnesium	mg/L	0.01	SM 3120	12-Jun-13/O	5.06			
Manganese (Total)	mg/L	0.001	SM 3120	12-Jun-13/O	0.036			
Mercury	mg/L	0.00002	SM 3112 B	13-Jun-13/O	0.00005			
Nickel	mg/L	0.01	SM 3120	12-Jun-13/O	0.03			
Potassium	mg/L	0.1	SM 3120	12-Jun-13/O	26.7			
Sodium	mg/L	0.2	SM 3120	12-Jun-13/O	85.9			



Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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

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C.O.C.: G35585

REPORT No. B13-14133

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 11-Jun-13

JOB/PROJECT NO.:

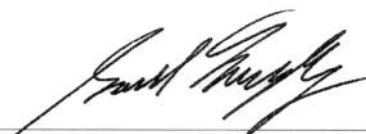
DATE REPORTED: 25-Jun-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water				
			Sample I.D.	B13-14133-1				
			Date Collected	06-Jun-13				
Parameter¹	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Zinc	mg/L	0.005	SM 3120	12-Jun-13/O	0.240			
Oil & Grease-Total	mg/L	1.0	SM 5520	17-Jun-13/K	75.7			
Fecal Coliform	cfu/100mL	1	MOE E3371	11-Jun-13/O	6200000			



Gord Murphy
Lab Supervisor

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C.O.C.: G04601

REPORT No. B13-25563

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 27-Sep-13

JOB/PROJECT NO.:

DATE REPORTED: 07-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	The Middle of Decanting of Larger Cell			
			Sample I.D.	B13-25563-1			
			Date Collected	25-Sep-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	30-Sep-13/O	59		
Total Suspended Solids	mg/L	3	SM 2540D	02-Oct-13/O	28		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	01-Oct-13/O	46		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	01-Oct-13/O	302		
Conductivity @25°C	µmho/cm	1	SM 2510B	28-Sep-13/O	817		
pH @25°C	pH Units		SM 4500H	01-Oct-13/O	7.49		
Nitrite (N)	mg/L	0.1	SM4110C	02-Oct-13/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	02-Oct-13/O	0.1		
Chloride	mg/L	0.5	SM4110C	02-Oct-13/O	55.4		
Sulphate	mg/L	1	SM4110C	02-Oct-13/O	4		
Total Organic Carbon	mg/L	0.2	EPA 415.1	01-Oct-13/O	45.3		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	03-Oct-13/O	63.3		
Phenolics	mg/L	0.001	MOEE 3179	03-Oct-13/O	0.014		
Aluminum (total)	mg/L	0.01	SM 3120	01-Oct-13/O	0.44		
Arsenic	mg/L	0.0001	EPA 200.8	01-Oct-13/O	0.0003		
Calcium	mg/L	0.02	SM 3120	01-Oct-13/O	9.97		
Cadmium	mg/L	0.005	SM 3120	01-Oct-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	01-Oct-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	01-Oct-13/O	0.058		
Chromium	mg/L	0.002	SM 3120	01-Oct-13/O	0.003		
Iron (Total)	mg/L	0.005	SM 3120	01-Oct-13/O	2.25		
Lead	mg/L	0.02	SM 3120	01-Oct-13/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	01-Oct-13/O	5.18		
Manganese (Total)	mg/L	0.001	SM 3120	01-Oct-13/O	0.170		
Mercury	mg/L	0.00002	SM 3112 B	01-Oct-13/O	0.00003		
Nickel	mg/L	0.01	SM 3120	01-Oct-13/O	< 0.01		



Gord Murphy
Lab Supervisor

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C.O.C.: G04601

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Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
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DATE RECEIVED: 27-Sep-13

JOB/PROJECT NO.:

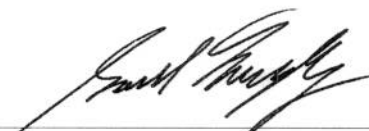
DATE REPORTED: 07-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	The Middle of Decanting of Larger Cell				
			Sample I.D.	B13-25563-1				
			Date Collected	25-Sep-13				
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Potassium	mg/L	0.1	SM 3120	01-Oct-13/O	18.3			
Sodium	mg/L	0.2	SM 3120	01-Oct-13/O	53.8			
Zinc	mg/L	0.005	SM 3120	01-Oct-13/O	0.045			
Oil & Grease-Total	mg/L	1.0	SM 5520	02-Oct-13/K	10.1			
Fecal Coliform	cfu/100mL	1	MOE E3371	27-Sep-13/O	250000			



Gord Murphy
Lab Supervisor

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C.O.C.: G37746

REPORT No. B13-25444

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 26-Sep-13

JOB/PROJECT NO.:

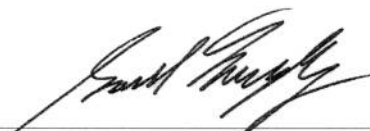
DATE REPORTED: 04-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water Beginning Discharge			
			Sample I.D.	B13-25444-1			
			Date Collected	23-Sep-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	27-Sep-13/O	61		
Total Suspended Solids	mg/L	3	SM 2540D	27-Sep-13/O	32		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	27-Sep-13/O	48		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	26-Sep-13/O	295		
Conductivity @25 °C	µmho/cm	1	SM 2510B	28-Sep-13/O	720		
pH @25 °C	pH Units		SM 4500H	26-Sep-13/O	7.47		
Nitrite (N)	mg/L	0.1	SM4110C	30-Sep-13/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	30-Sep-13/O	< 0.1		
Chloride	mg/L	0.5	SM4110C	30-Sep-13/O	53.7		
Sulphate	mg/L	1	SM4110C	30-Sep-13/O	4		
Total Organic Carbon	mg/L	0.2	EPA 415.1	01-Oct-13/O	39.0		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	01-Oct-13/O	63.3		
Phenolics	mg/L	0.001	MOEE 3179	03-Oct-13/O	0.013		
Aluminum (total)	mg/L	0.01	SM 3120	27-Sep-13/O	0.79		
Arsenic	mg/L	0.0001	EPA 200.8	27-Sep-13/O	0.0003		
Calcium	mg/L	0.02	SM 3120	27-Sep-13/O	9.77		
Cadmium	mg/L	0.005	SM 3120	27-Sep-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	27-Sep-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	27-Sep-13/O	0.064		
Chromium	mg/L	0.002	SM 3120	27-Sep-13/O	0.004		
Iron (Total)	mg/L	0.005	SM 3120	27-Sep-13/O	3.11		
Lead	mg/L	0.02	SM 3120	27-Sep-13/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	27-Sep-13/O	5.66		
Manganese (Total)	mg/L	0.001	SM 3120	27-Sep-13/O	0.199		
Mercury	mg/L	0.00002	SM 3112 B	27-Sep-13/O	0.00003		
Nickel	mg/L	0.01	SM 3120	27-Sep-13/O	0.01		



Gord Murphy

Lab Supervisor

M.D.L. = Method Detection Limit

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

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C.O.C.: G37746

REPORT No. B13-25444

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 26-Sep-13

JOB/PROJECT NO.:

DATE REPORTED: 04-Oct-13

P.O. NUMBER:

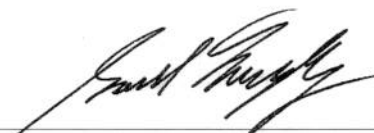
SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Waste Water Beginning Discharge			
			Sample I.D.	B13-25444-1			
			Date Collected	23-Sep-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Potassium	mg/L	0.1	SM 3120	27-Sep-13/O	18.6		
Sodium	mg/L	0.2	SM 3120	27-Sep-13/O	54.2		
Zinc	mg/L	0.005	SM 3120	27-Sep-13/O	0.065		
Oil & Grease-Total	mg/L	1.0	SM 5520	02-Oct-13/K	10.8		
Fecal Coliform	cfu/100mL	1	MOE E3371	26-Sep-13/O	630000		

M.D.L. = Method Detection Limit

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



Gord Murphy
Lab Supervisor

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C.O.C.: G04599

REPORT No. B13-26551

Report To:

Hamlet of Clyde River
Box 89,
Clyde River Nunavut X0A 0E0 Canada

Attention: John Ivey

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 08-Oct-13

JOB/PROJECT NO.:

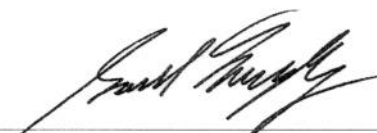
DATE REPORTED: 21-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Lagoon Decanting - Last Sample			
			Sample I.D.	B13-26551-1			
			Date Collected	04-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	10-Oct-13/O	125		
Total Suspended Solids	mg/L	3	SM 2540D	09-Oct-13/O	16		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	09-Oct-13/O	46		
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	10-Oct-13/O	307		
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Oct-13/O	832		
pH @25°C	pH Units		SM 4500H	09-Oct-13/O	7.61		
Nitrite (N)	mg/L	0.1	SM4110C	10-Oct-13/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	10-Oct-13/O	0.1		
Chloride	mg/L	0.5	SM4110C	10-Oct-13/O	58.5		
Sulphate	mg/L	1	SM4110C	10-Oct-13/O	4		
Total Organic Carbon	mg/L	0.2	EPA 415.1	11-Oct-13/O	46.4		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	16-Oct-13/O	60.6		
Phenolics	mg/L	0.001	MOEE 3179	10-Oct-13/O	0.019		
Aluminum (total)	mg/L	0.01	SM 3120	09-Oct-13/O	0.35		
Arsenic	mg/L	0.0001	EPA 200.8	09-Oct-13/O	0.0002		
Calcium	mg/L	0.02	SM 3120	09-Oct-13/O	9.75		
Cadmium	mg/L	0.005	SM 3120	09-Oct-13/O	< 0.005		
Cobalt	mg/L	0.005	SM 3120	09-Oct-13/O	< 0.005		
Copper	mg/L	0.002	SM 3120	09-Oct-13/O	0.058		
Chromium	mg/L	0.002	SM 3120	09-Oct-13/O	0.002		
Iron (Total)	mg/L	0.005	SM 3120	09-Oct-13/O	2.09		
Lead	mg/L	0.02	SM 3120	09-Oct-13/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	09-Oct-13/O	5.17		
Manganese (Total)	mg/L	0.001	SM 3120	09-Oct-13/O	0.194		
Mercury	mg/L	0.00002	SM 3112 B	10-Oct-13/O	0.00003		
Nickel	mg/L	0.01	SM 3120	09-Oct-13/O	< 0.01		



Gord Murphy

Lab Supervisor

M.D.L. = Method Detection Limit

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

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C.O.C.: G04599

REPORT No. B13-26551

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Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa Ontario K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

Attention: John Ivey

DATE RECEIVED: 08-Oct-13

JOB/PROJECT NO.:

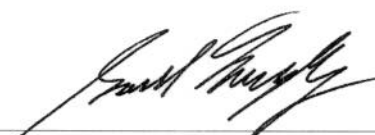
DATE REPORTED: 21-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Lagoon Decanting - Last Sample			
			Sample I.D.		B13-26551-1			
			Date Collected		04-Oct-13			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Potassium	mg/L	0.1	SM 3120	09-Oct-13/O	18.4			
Sodium	mg/L	0.2	SM 3120	09-Oct-13/O	53.8			
Zinc	mg/L	0.005	SM 3120	09-Oct-13/O	0.043			
Oil & Grease-Total	mg/L	1.0	SM 5520	15-Oct-13/K	8.3			
Fecal Coliform	cfu/100mL	1	MOE E3371	08-Oct-13/O	320000			



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Lab Supervisor

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