

C.O.C.: G27861

REPORT No. B12-23825

Report To:

Resolute Bay
Government Office,
NU X0A 0V0 Canada

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

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

DATE RECEIVED: 18-Sep-12

DATE REPORTED: 26-Sep-12

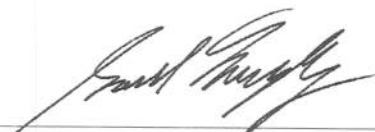
SAMPLE MATRIX: Waste Water

JOB/PROJECT NO.:

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.	Utilidor N 74' 41 77 W94' 50 45	Wetland N 74' 44 32 W95' 00 69	Leachate N 74' 45 W994' 55	Resolute Pipe N74' 41 57 W94' 50 47
			Sample I.D.	B12-23825-1	B12-23825-2	B12-23825-3	B12-23825-4
			Date Collected	13-Sep-12	13-Sep-12	13-Sep-12	13-Sep-12
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Oil & Grease-Total	mg/L	1.0	SM 5520	21-Sep-12/K		< 1.0	7.9
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Sep-12/O	9600	< 20	



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.: G27861

REPORT No. B12-23825

Report To:

Resolute Bay

Government Office,
NU X0A 0V0 Canada

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

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

DATE RECEIVED: 18-Sep-12

JOB/PROJECT NO.:

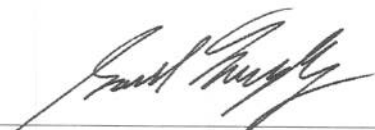
DATE REPORTED: 26-Sep-12

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Loaggon N' 74' 44 W95' 0			
			Sample I.D.	B12-23825-5			
			Date Collected	13-Sep-12			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed			
Alkalinity (as CaCO ₃)	mg/L	5	SM 2320B	19-Sep-12/O	484		
Conductivity	µmho/cm	1	SM 2510B	19-Sep-12/O	1560		
pH	pH Units		SM 4500H	19-Sep-12/O	7.56		
BOD	mg/L	3	SM 5210B	21-Sep-12/O	620		
Total Suspended Solids	mg/L	3	SM 2540D	19-Sep-12/O	128		
Nitrite (N)	mg/L	0.1	SM4110C	19-Sep-12/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	19-Sep-12/O	0.1		
Sulphate	mg/L	1	SM4110C	19-Sep-12/O	38		
Sulphate	mg/L	1	SM4110C	20-Sep-12/O			
Arsenic	mg/L	0.0005	EPA 200.8	19-Sep-12/O	0.0015		
Calcium	mg/L	0.02	SM 3120	21-Sep-12/O	51.0		
Calcium	mg/L	0.02	SM 3120	24-Sep-12/O			
Cadmium	mg/L	0.005	SM 3120	21-Sep-12/O	< 0.005		
Copper	mg/L	0.002	SM 3120	21-Sep-12/O	0.204		
Chromium	mg/L	0.002	SM 3120	21-Sep-12/O	0.116		
Iron (Total)	mg/L	0.005	SM 3120	21-Sep-12/O	1.13		
Lead	mg/L	0.02	SM 3120	21-Sep-12/O	< 0.02		
Magnesium	mg/L	0.01	SM 3120	21-Sep-12/O	12.5		
Mercury	mg/L	0.00002	SM 3112 B	21-Sep-12/O	0.00003		
Nickel	mg/L	0.01	SM 3120	21-Sep-12/O	0.10		
Phosphorus	mg/L	0.1	SM 3120	21-Sep-12/O	12.7		
Potassium	mg/L	0.1	SM 3120	21-Sep-12/O	29.4		
Sodium	mg/L	0.2	SM 3120	21-Sep-12/O	84.9		
Zinc	mg/L	0.005	SM 3120	21-Sep-12/O	0.265		
Oil and Grease-Anim/Veg.	mg/L	1.0	SM 5520	21-Sep-12/K			
Oil and Grease-Mineral	mg/L	1.0	SM 5520	21-Sep-12/K			
Oil & Grease-Total	mg/L	1.0	SM 5520	21-Sep-12/K			



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.: G27861

REPORT No. B12-23825

Report To:

Resolute Bay

Government Office,
NU X0A 0V0 Canada

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

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

DATE RECEIVED: 18-Sep-12

DATE REPORTED: 26-Sep-12

SAMPLE MATRIX: Waste Water

JOB/PROJECT NO.:

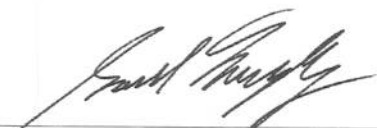
P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		Loaggon N' 74'			
					44 W95' 0			
			Sample I.D.		B12-23825-5			
			Date Collected		13-Sep-12			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Sep-12/O	< 20			

M.D.L. = Method Detection Limit

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



Gord Murphy

Lab Supervisor

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.: G27799

REPORT No. B12-26731

Report To:

Hamlet of Resolute Bay
Government Office,
NU X0A 0V0 Canada

Caduceon Environmental Laboratories

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

Attention: Martha Kaluk

DATE RECEIVED: 18-Oct-12

JOB/PROJECT NO.:

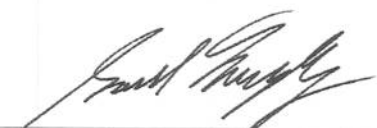
DATE REPORTED: 26-Oct-12

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Airport Lagoon	Utilidor Pipe		
			Sample I.D.	B12-26731-1	B12-26731-2		
			Date Collected	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	430	8	
Total Suspended Solids	mg/L	3	SM 2540D	19-Oct-12/O	272	6	
Hardness (as CaCO ₃)	mg/L	1	SM 3120	22-Oct-12/O	156	197	
Alkalinity (as CaCO ₃)	mg/L	5	SM 2320B	22-Oct-12/O	438	99	
Conductivity	µmho/cm	1	SM 2510B	19-Oct-12/O	1340	579	
pH	pH Units		SM 4500H	22-Oct-12/O	7.36	7.60	
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	73.2	65.1	
Sulphate	mg/L	1	SM4110C	18-Oct-12/O	57	86	
Total Organic Carbon	mg/L	0.2	EPA 415.1	25-Oct-12/O	81.0	6.9	
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	19-Oct-12/O	86.1	0.18	
Phenolics	mg/L	0.001	MOEE 3179	23-Oct-12/O	0.215	< 0.001	
Aluminum (total)	mg/L	0.01	SM 3120	22-Oct-12/O	0.28	0.06	
Arsenic	mg/L	0.0005	EPA 200.8	23-Oct-12/O	0.0006	0.0008	
Calcium	mg/L	0.02	SM 3120	22-Oct-12/O	44.5	56.8	
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	0.192	0.021	
Chromium	mg/L	0.002	SM 3120	22-Oct-12/O	< 0.002	< 0.002	
Iron (Total)	mg/L	0.005	SM 3120	22-Oct-12/O	0.810	< 0.005	
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	10.8	13.4	
Manganese (Total)	mg/L	0.001	SM 3120	22-Oct-12/O	0.047	< 0.001	
Mercury	mg/L	0.00002	SM 3112 B	22-Oct-12/O	0.00003	< 0.00002	
Nickel	mg/L	0.01	SM 3120	22-Oct-12/O	< 0.01	< 0.01	
Potassium	mg/L	0.1	SM 3120	22-Oct-12/O	28.3	3.9	
Sodium	mg/L	0.2	SM 3120	22-Oct-12/O	80.0	43.9	



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.: G27799

REPORT No. B12-26731

Report To:

Hamlet of Resolute Bay
Government Office,
NU X0A 0V0 Canada

Attention: Martha Kaluk

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.:

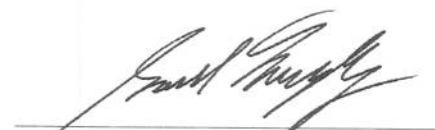
P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		Airport Lagoon	Utilidor Pipe		
			Sample I.D.		B12-26731-1	B12-26731-2		
			Date Collected		15-Oct-12	15-Oct-12		
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Zinc	mg/L	0.005	SM 3120	22-Oct-12/O	0.165	0.019		
Oil & Grease-Total	mg/L	1.0	SM 5520	25-Oct-12/K	106	1.1		
Fecal Coliform	cfu/100mL	1	MOE E3371	19-Oct-12/O	26000000	> 20000		

M.D.L. = Method Detection Limit

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


Gord Murphy
Lab Supervisor

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.