

C.O.C.: ---

REPORT No. B14-32094

Report To:

ATCO Structure & Logistics
PO Box 88, Hamlet of Resolute Bay
NU X0A 0V0 Canada

Attention: Rick Gaulton

Caduceon Environmental Laboratories

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

DATE RECEIVED: 12-Dec-14

JOB/PROJECT NO.: Waste Water

DATE REPORTED: 19-Dec-14

P.O. NUMBER:

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.		Utilidor Discharge Pipe			
			Sample I.D.		B14-32094-1			
			Date Collected		05-Dec-14			
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
BOD	mg/L	3	SM 5210B	13-Dec-14/O	11			
Total Suspended Solids	mg/L	3	SM 2540D	17-Dec-14/O	18			
Hardness (as CaCO ₃)	mg/L	1	SM 3120	15-Dec-14/O	179			
Alkalinity(CaCO ₃) to pH4.5	mg/L	5	SM 2320B	15-Dec-14/O	114			
Conductivity @25°C	µmho/cm	1	SM 2510B	15-Dec-14/O	682			
pH @25°C	pH Units		SM 4500H	15-Dec-14/O	7.03			
Nitrite (N)	mg/L	0.1	SM4110C	15-Dec-14/O	< 0.1			
Nitrate (N)	mg/L	0.1	SM4110C	15-Dec-14/O	0.2			
Chloride	mg/L	0.5	SM4110C	15-Dec-14/O	103			
Sulphate	mg/L	1	SM4110C	15-Dec-14/O	95			
Total Organic Carbon	mg/L	0.2	EPA 415.1	17-Dec-14/O	1.9			
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	16-Dec-14/O	2.46			
Phenolics	mg/L	0.001	MOEE 3179	17-Dec-14/O	0.002			
Aluminum (total)	mg/L	0.01	SM 3120	15-Dec-14/O	0.20			
Arsenic	mg/L	0.0001	EPA 200.8	15-Dec-14/O	0.0001			
Calcium	mg/L	0.02	SM 3120	15-Dec-14/O	48.4			
Cadmium	mg/L	0.005	SM 3120	15-Dec-14/O	< 0.005			
Cobalt	mg/L	0.005	SM 3120	15-Dec-14/O	< 0.005			
Copper	mg/L	0.002	SM 3120	15-Dec-14/O	0.014			
Chromium	mg/L	0.002	SM 3120	15-Dec-14/O	< 0.002			
Iron (Total)	mg/L	0.005	SM 3120	15-Dec-14/O	0.035			
Potassium	mg/L	0.1	SM 3120	15-Dec-14/O	4.7			
Magnesium	mg/L	0.01	SM 3120	15-Dec-14/O	14.2			
Manganese (Total)	mg/L	0.001	SM 3120	15-Dec-14/O	0.004			
Mercury	mg/L	0.00002	SM 3112 B	16-Dec-14/O	< 0.00002			
Sodium	mg/L	0.2	SM 3120	15-Dec-14/O	61.2			



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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Nickel	mg/L	0.01	SM 3120	15-Dec-14/O	< 0.01			
Lead	mg/L	0.02	SM 3120	15-Dec-14/O	< 0.02			
Zinc	mg/L	0.005	SM 3120	15-Dec-14/O	0.019			
Oil & Grease-Total	mg/L	1.0	SM 5520	19-Dec-14/K	6.8			
Fecal Coliform	cfu/100mL	1	MOE E3371	12-Dec-14/O	2000			



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