

C.O.C.: ---

REPORT No. B17-19744 (i)

Report To:

Nasittug Corporation

354 A Pinnacle St.,
Belleville ON K8N 3B4

Attention: John Boyle

Caduceon Environmental Laboratories

285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 13-Jul-17

JOB/PROJECT NO.: Alert

DATE REPORTED: 21-Jul-17

P.O. NUMBER: 83125

SAMPLE MATRIX: Waste Water

WATERWORKS NO.

			Client I.D.	Asper Quote			
			Sample I.D.	B17-19744-1			
			Date Collected	12-Jul-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Total Coliform	cfu/100mL	1	SM9222B	13-Jul-17/K	400		
Fecal Coliform	cfu/100mL	1	SM9222D	13-Jul-17/K	74		
pH @25°C	pH Units		SM4500H+	17-Jul-17/K	8.12		
Cyanide (Total)	µg/L	5	SM4500CN	19-Jul-17/R	< 5		
BOD(5 day)	mg/L	2	SM 5210B	14-Jul-17/K	4		
Total Suspended Solids	mg/L	3	SM2540D	14-Jul-17/K	60		
COD	mg/L	5	SM 5220D	18-Jul-17/O	32		
Sulphide	mg/L	0.01	SM4500-S2	14-Jul-17/K	0.03		
Phenolics	mg/L	0.001	MOEE 3179	19-Jul-17/O	< 0.001		
Hardness (as CaCO ₃)	mg/L	1	SM 3120	19-Jul-17/O	239		
Aluminum (total)	mg/L	0.01	SM 3120	19-Jul-17/O	0.15		
Antimony	mg/L	0.01	SM 3120	19-Jul-17/O	< 0.01		
Arsenic	mg/L	0.02	SM 3120	19-Jul-17/O	< 0.02		
Barium	mg/L	0.001	SM 3120	19-Jul-17/O	0.037		
Beryllium	mg/L	0.002	SM 3120	19-Jul-17/O	< 0.002		
Bismuth	mg/L	0.02	SM 3120	19-Jul-17/O	< 0.02		
Boron	mg/L	0.005	SM 3120	19-Jul-17/O	0.213		
Cadmium	mg/L	0.005	SM 3120	19-Jul-17/O	< 0.005		
Calcium	mg/L	0.02	SM 3120	19-Jul-17/O	51.3		
Chromium	mg/L	0.002	SM 3120	19-Jul-17/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	19-Jul-17/O	0.035		
Copper	mg/L	0.002	SM 3120	19-Jul-17/O	0.095		
Iron (Total)	mg/L	0.005	SM 3120	19-Jul-17/O	1.17		
Lead	mg/L	0.02	SM 3120	19-Jul-17/O	< 0.02		
Lithium	mg/L	0.01	SM 3120	19-Jul-17/O	< 0.01		
Magnesium	mg/L	0.01	SM 3120	19-Jul-17/O	26.8		
Manganese (Total)	mg/L	0.001	SM 3120	19-Jul-17/O	0.230		

R. Lecompte

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

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

Richard Lecompte
Lab Supervisor

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			Sample I.D.	B17-19744-1			
			Date Collected	12-Jul-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Mercury	µg/L	0.02	SM 3112B	21-Jul-17/R	< 0.02		
Molybdenum	mg/L	0.01	SM 3120	19-Jul-17/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	19-Jul-17/O	0.05		
Phosphorus	mg/L	0.1	SM 3120	19-Jul-17/O	0.2		
Potassium	mg/L	0.1	SM 3120	19-Jul-17/O	14.5		
Silicon	mg/L	0.01	SM 3120	19-Jul-17/O	2.08		
Silica	mg/L	0.02	SM 3120	19-Jul-17/O	4.45		
Silver	mg/L	0.005	SM 3120	19-Jul-17/O	< 0.005		
Sodium	mg/L	0.2	SM 3120	19-Jul-17/O	92.4		
Sodium (Total)	mg/L	0.2	SM 3120	19-Jul-17/O	92.4		
Strontium	mg/L	0.001	SM 3120	19-Jul-17/O	0.280		
Tin	mg/L	0.05	SM 3120	19-Jul-17/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	19-Jul-17/O	< 0.005		
Tungsten	mg/L	0.01	SM 3120	19-Jul-17/O	< 0.01		
Vanadium	mg/L	0.005	SM 3120	19-Jul-17/O	< 0.005		
Yttrium	mg/L	0.005	SM 3120	19-Jul-17/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	19-Jul-17/O	0.088		
Zirconium	mg/L	0.003	SM 3120	19-Jul-17/O	0.004		
Oil and Grease-Mineral	mg/L	1.0	SM 5520	20-Jul-17/K	< 1.0		
Oil & Grease-Total	mg/L	1.0	SM 5520	20-Jul-17/K	1.1		



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Lab Supervisor

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			Sample I.D.	B17-19744-1			
			Date Collected	12-Jul-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Acenaphthene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Acenaphthylene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Anthracene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Benzo(a)anthracene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Benzo(a)pyrene	µg/L	0.01	EPA 8270	20-Jul-17/K	< 0.01		
Benzo(b)fluoranthene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Benzo(b+k)fluoranthene	µg/L	0.1	EPA 8270	20-Jul-17/K	< 0.1		
Benzo(g,h,i)perylene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Benzo(k)fluoranthene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Chrysene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Dibenzo(a,h)anthracene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Fluoranthene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Fluorene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Indeno(1,2,3,-cd)pyrene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Methylnaphthalene,1-	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Methylnaphthalene,2-	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Methylnaphthalene 2-(1-)	µg/L	0.07	EPA 8270	20-Jul-17/K	< 0.07		
Naphthalene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Phenanthrene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		
Pyrene	µg/L	0.05	EPA 8270	20-Jul-17/K	< 0.05		



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			Sample I.D.	B17-19744-1			
			Date Collected	12-Jul-17			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Benzene	µg/L	0.5	EPA 8260	16-Jul-17/R	< 0.5		
Toluene	µg/L	0.5	EPA 8260	16-Jul-17/R	< 0.5		
Ethylbenzene	µg/L	0.5	EPA 8260	16-Jul-17/R	< 0.5		
Xylene, m,p-	µg/L	1.0	EPA 8260	16-Jul-17/R	< 1.0		
Xylene, o-	µg/L	0.5	EPA 8260	16-Jul-17/R	< 0.5		
Xylene, m,p,o-	µg/L	1.1	EPA 8260	16-Jul-17/R	< 1.1		



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