



South End Water Pollution Control Centre Monitoring Data
August 01, 2023 to August 31, 2023

Licence # 2716RR	File # 1069.1	Final Effluent 24 Hour Composite										Final Effluent Grab Sample		
		TSS		BOD5		cBOD5		Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	E.Coli
		(mg/L)	(mg/L)*	(mg/L)	(mg/L)*	(mg/L)	(mg/L)*	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL
01-Aug-23	93.63	ns	4	ns	2	ns	2	ns	ns	0.71	12.0	19.2	7.04	7,700
02-Aug-23	63.82	ns	4	ns	2	ns	2	ns	ns	0.72	12.1	19.1	7.19	8,160
03-Aug-23	58.85	<3	4	<4	2	<4	2	2.7	0.09	0.72	12.2	19.5	7.15	17,300
04-Aug-23	56.41	<3	4	<4	2	<4	2	3.0	0.12	0.72	12.3	19.3	7.08	14,100
05-Aug-23	51.98	<3	4	<4	2	<4	2	4.5	0.16	0.71	12.3	19.6	7.30	17,300
06-Aug-23	50.12	<3	4	<4	2	<4	2	0.4	0.14	0.71	12.3	19.7	7.18	11,200
07-Aug-23	53.29	3	4	<4	2	<4	2	12.5	0.20	0.72	12.2	19.2	7.18	14,100
08-Aug-23	55.62	3	4	<4	2	<4	2	16.4	0.18	0.72	12.2	19.1	7.27	13,000
09-Aug-23	52.43	<3	4	<4	2	<4	2	1.1	0.17	0.72	12.2	19.1	7.21	11,200
10-Aug-23	64.73	3	4	<4	2	<4	2	11.8	0.33	0.73	12.3	19.3	7.21	14,100
11-Aug-23	60.52	<3	4	<4	2	<4	2	5.1	0.18	0.73	12.2	18.8	7.15	19,900
12-Aug-23	54.84	3	4	<4	2	<4	2	4.6	0.14	0.72	12.1	19.0	7.15	14,100
13-Aug-23	59.39	<3	4	<4	2	<4	2	4.4	0.20	0.71	12.0	18.9	7.19	24,200
14-Aug-23	50.35	4	4	<4	2	<4	2	0.7	0.10	0.67	11.8	19.0	7.18	15,500
15-Aug-23	63.54	3	4	<4	2	<4	2	14.2	0.12	0.64	11.7	19.5	7.30	810
16-Aug-23	55.64	3	4	<4	2	<4	2	0.4	0.10	0.58	11.8	19.3	7.35	2,010
17-Aug-23	54.28	<3	4	<4	2	<4	2	1.2	0.14	0.53	11.8	19.3	7.35	1,480
18-Aug-23	53.75	<3	4	<4	2	<4	2	2.0	0.17	0.50	11.8	19.3	7.34	1,180
19-Aug-23	52.27	4	4	<4	2	<4	2	4.7	0.27	0.46	11.8	19.5	7.23	1,610
20-Aug-23	52.43	3	4	<4	2	<4	2	3.6	0.39	0.43	11.6	19.4	7.26	1,670
21-Aug-23	52.83	<3	4	<4	2	<4	2	1.0	0.37	0.41	11.6	19.1	7.22	1,470
22-Aug-23	52.13	3	4	<4	2	<4	2	2.3	0.27	0.39	11.5	19.4	7.24	1,140
23-Aug-23	53.09	<3	4	<4	2	<4	2	1.5	0.17	0.38	11.5	19.3	7.29	900
24-Aug-23	54.41	3	2	<4	2	<4	2	0.9	0.14	0.29	11.3	19.8	7.19	1,010
25-Aug-23	50.32	4	2	<4	2	<4	2	2.8	0.14	0.29	11.3	20.8	7.14	1,130
26-Aug-23	49.48	3	2	<4	2	<4	2	1.0	0.19	0.29	11.3	19.4	7.27	1,260
27-Aug-23	52.94	<3	2	<4	2	<4	2	1.7	0.26	0.29	11.3	19.5	7.32	2,760
28-Aug-23	52.41	3	2	<4	2	<4	2	13.3	0.17	0.28	11.2	20.0	7.28	2,280
29-Aug-23	51.59	4	3	<4	2	<4	2	2.0	0.09	0.28	11.2	19.4	7.43	3,650
30-Aug-23	51.45	4	3	nr	2	nr	2	1.0	nr	0.28	11.2	19.7	7.21	2,760
31-Aug-23	52.15	<3	3	<4	2	<4	2	4.6	0.11	0.28	11.2	20.0	7.22	3,130
Max:	93.63													
Min:	49.48													
Average:	55.83	<3		<4		<4		4.3	0.18			19.4	7.23	
Total Flow:	1,730.69													
Geo.Mean:														4,248

Notes:

- (1) Effluent ammonia load based upon Raw Sewage flows and Final NH3-N concentrations
- (2) nr - not recorded or no result; na - not analyzed; ns - no sample; o/l - offline; im - instrument maintenance
- (3) Where value is expressed as less than (<), the value is halved and used in the calculations
- (4) * = 30 day rolling average