



South End Water Pollution Control Centre Monitoring Data
October 01, 2022 to October 31, 2022

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-Oct-22	52.89	<3	2	<4	2	<4	2	4.7	0.06	0.19	12.5	18.1	7.21	470
02-Oct-22	54.63	4	2	<4	2	<4	2	3.1	0.05	0.19	12.5	18.0	7.30	>24,200
03-Oct-22	53.78	<3	2	<4	2	<4	2	0.3	0.06	0.19	12.5	18.4	7.14	2,760
04-Oct-22	52.61	3	2	<4	2	<4	2	1.9	0.05	0.20	12.5	18.5	7.19	820
05-Oct-22	51.87	<3	2	<4	2	<4	2	2.2	0.03	0.20	12.5	18.5	7.11	5,790
06-Oct-22	53.62	<3	2	<4	2	<4	2	0.3	0.04	0.20	12.5	17.6	7.13	>24,200
07-Oct-22	53.33	3	2	<4	2	<4	2	9.7	0.05	0.20	12.4	17.5	7.05	50
08-Oct-22	52.28	3	2	<4	2	<4	2	29.0	0.05	0.20	12.4	17.3	7.16	1,400
09-Oct-22	52.91	<3	2	nr	2	nr	2	26.1	0.04	0.20	12.3	17.6	7.39	<10
10-Oct-22	53.67	<3	2	<4	2	<4	2	33.9	0.05	0.21	12.2	17.2	7.20	>24,200
11-Oct-22	52.29	<3	2	<4	2	<4	2	27.3	0.06	0.21	12.0	17.8	7.13	70
12-Oct-22	51.39	3	2	<4	2	<4	2	0.3	0.06	0.21	11.9	17.7	7.09	60
13-Oct-22	61.93	<3	2	<4	2	<4	2	43.9	0.03	0.21	12.0	17.2	7.07	9,800
14-Oct-22	66.83	3	2	<4	2	<4	2	14.3	0.05	0.21	11.9	16.6	7.21	>24,200
15-Oct-22	61.22	3	2	<4	2	<4	2	30.9	0.04	0.21	11.9	16.4	7.33	230
16-Oct-22	58.67	<3	2	<4	2	<4	2	20.7	0.04	0.20	12.0	15.4	7.17	>24,200
17-Oct-22	56.58	<3	2	<4	2	<4	2	8.7	0.04	0.20	12.1	16.3	7.17	540
18-Oct-22	54.65	<3	2	<4	2	<4	2	1.4	0.04	0.16	12.1	16.6	7.17	1,210
19-Oct-22	55.10	<3	2	<4	2	<4	2	2.0	0.05	0.16	12.3	16.8	7.06	150
20-Oct-22	54.52	<3	2	na	2	na	2	1.7	0.05	0.16	12.3	17.1	7.15	240
21-Oct-22	54.52	<3	2	<4	2	<4	2	1.8	0.03	0.16	12.4	17.1	7.15	220
22-Oct-22	54.51	4	2	<4	2	<4	2	5.6	0.05	0.16	12.3	17.5	7.13	150
23-Oct-22	55.67	<3	2	nr	2	nr	2	27.8	nr	0.16	12.3	17.1	7.21	240
24-Oct-22	104.19	<3	2	nr	2	nr	2	99.1	0.08	0.16	12.2	17.1	7.06	680
25-Oct-22	71.86	<3	2	<4	2	<4	2	5.1	0.06	0.16	12.3	16.0	7.24	210
26-Oct-22	68.61	<3	2	<4	2	<4	2	2.4	0.05	0.16	12.4	16.3	7.23	60
27-Oct-22	62.87	<3	2	<4	2	<4	2	1.3	0.10	0.15	12.6	16.5	7.25	120
28-Oct-22	61.26	3	2	<4	2	<4	2	1.9	0.09	0.15	12.7	16.6	7.25	60
29-Oct-22	60.02	<3	2	<4	2	<4	2	4.7	0.05	0.15	12.8	16.9	7.27	110
30-Oct-22	59.98	<3	2	<4	2	<4	2	7.0	0.05	0.15	12.8	16.7	7.22	130
31-Oct-22	57.44	<3	2	<4	2	<4	2	18.5	0.06	0.15	12.8	16.8	7.21	200
Max:	104.19													
Min:	51.39													
Average:	58.57	<3		<4		<4		14.1	0.05			17.1	7.18	
Total Flow:	1,815.70													
Geo.Mean:														542

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