



South End Water Pollution Control Centre Monitoring Data
September 01, 2022 to September 30, 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-Sep-22	64.87	<3	8	<4	6	<4	4	3.7	0.05	0.26	11.5	18.8	7.29	360
02-Sep-22	59.56	<3	8	<4	6	<4	4	10.5	0.05	0.26	11.6	18.8	7.29	40
03-Sep-22	56.04	<3	8	<4	6	<4	4	0.4	0.04	0.26	11.6	18.7	7.59	270
04-Sep-22	54.23	3	8	<4	6	<4	4	0.8	0.05	0.26	11.7	18.8	7.60	350
05-Sep-22	57.12	<3	8	<4	6	<4	4	0.4	0.04	0.26	11.7	18.7	7.76	540
06-Sep-22	58.44	<3	8	<4	6	<4	4	0.4	0.05	0.26	11.6	18.7	7.28	240
07-Sep-22	56.65	<3	8	<4	6	<4	4	0.4	0.04	0.26	11.4	18.7	7.32	1,720
08-Sep-22	56.54	<3	7	<4	6	<4	4	0.4	0.04	0.26	11.4	18.8	7.24	170
09-Sep-22	55.12	<3	7	<4	6	<4	4	12.2	0.04	0.25	11.5	18.5	7.25	50
10-Sep-22	54.21	<3	7	<4	6	<4	4	0.4	0.04	0.25	11.6	18.4	7.19	<10
11-Sep-22	55.48	<3	7	<4	6	<4	4	0.4	0.05	0.25	11.7	18.1	7.37	3,080
12-Sep-22	54.54	<3	7	<4	6	<4	4	0.4	0.03	0.25	11.8	18.8	7.29	440
13-Sep-22	52.84	<3	7	<4	6	<4	4	13.2	0.11	0.25	11.8	18.1	7.16	6,870
14-Sep-22	52.75	<3	3	<4	3	<4	2	9.9	0.07	0.18	11.8	18.4	7.16	910
15-Sep-22	63.69	<3	3	<4	3	<4	2	7.3	0.06	0.17	12.0	18.3	7.11	3,080
16-Sep-22	78.92	4	3	6	3	<4	2	76.5	0.12	0.16	12.1	18.0	7.13	5,480
17-Sep-22	104.66	4	3	<4	3	<4	2	18.2	0.05	0.16	12.0	17.3	7.28	11,200
18-Sep-22	71.21	<3	2	<4	2	<4	2	11.7	1.40	0.19	12.0	17.8	7.63	290
19-Sep-22	66.09	<3	2	<4	2	<4	2	2.4	0.05	0.18	11.9	18.2	7.34	2,910
20-Sep-22	62.12	<3	2	<4	2	<4	2	0.4	0.05	0.18	12.0	18.4	7.28	2,910
21-Sep-22	61.24	3	2	<4	2	<4	2	16.0	0.05	0.18	12.1	18.0	7.19	2,700
22-Sep-22	59.00	<3	2	<4	2	<4	2	7.7	0.05	0.18	12.2	17.5	7.22	>24,200
23-Sep-22	58.69	<3	2	<4	2	<4	2	3.5	0.06	0.18	12.3	17.6	7.22	2,360
24-Sep-22	57.32	3	2	<4	2	<4	2	11.9	0.06	0.18	12.3	17.6	7.34	4,610
25-Sep-22	58.12	<3	2	<4	2	<4	2	9.7	0.05	0.19	12.2	18.0	7.54	2,760
26-Sep-22	57.72	<3	2	<4	2	<4	2	1.2	0.05	0.19	12.1	17.8	7.15	4,110
27-Sep-22	54.59	3	2	<4	2	<4	2	30.4	0.09	0.19	12.0	17.6	7.21	3,450
28-Sep-22	56.86	4	2	<4	2	<4	2	11.5	0.07	0.19	12.0	17.5	7.12	3,650
29-Sep-22	54.16	<3	2	<4	2	<4	2	7.4	0.07	0.19	12.1	17.8	7.15	2,380
30-Sep-22	54.98	4	2	<4	2	<4	2	6.5	0.06	0.19	12.2	18.2	7.21	840
Max:	104.66													
Min:	52.75													
Average:	60.26	<3		<4		<4		9.1	0.10			18.2	7.30	
Total Flow:	1,807.76													
Geo.Mean:														1,081

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