



South End Water Pollution Control Centre Monitoring Data  
June 01, 2023 to June 30, 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-Jun-23	57.16	<3	2	<4	2	<4	2	2.5	0.34	0.12	10.4	16.6	7.31	700
02-Jun-23	59.31	ns	2	ns	2	ns	2	ns	ns	0.12	10.5	16.9	7.42	600
03-Jun-23	67.23	<3	2	<4	2	<4	2	2.9	0.83	0.15	10.5	17.2	7.40	820
04-Jun-23	64.53	ns	2	ns	2	ns	2	ns	ns	0.15	10.6	17.2	7.27	930
05-Jun-23	64.43	<3	2	<4	2	<4	2	0.4	0.36	0.17	10.6	16.8	7.26	620
06-Jun-23	63.47	<3	2	<4	2	<4	2	0.4	0.12	0.18	10.7	17.5	7.32	380
07-Jun-23	63.25	ns	2	ns	2	ns	2	ns	ns	0.18	10.8	17.2	7.34	600
08-Jun-23	59.17	5	2	10	2	9	2	0.4	0.24	0.19	10.9	17.0	7.28	410
09-Jun-23	59.20	4	2	<4	2	<4	2	0.4	0.38	0.20	11.1	17.2	7.22	720
10-Jun-23	55.51	4	2	<4	2	<4	2	5.1	0.35	0.21	11.2	17.2	7.37	690
11-Jun-23	57.47	<3	2	<4	2	<4	2	0.4	0.07	0.21	11.3	17.2	7.24	380
12-Jun-23	56.08	3	2	<4	2	<4	2	12.8	0.08	0.22	11.4	17.4	7.35	340
13-Jun-23	54.65	<3	2	<4	2	<4	2	6.6	<0.02	0.22	11.4	18.8	7.29	460
14-Jun-23	54.26	<3	2	<4	2	<4	2	0.4	<0.02	0.22	11.5	nr	7.30	500
15-Jun-23	53.98	3	2	<4	2	<4	2	0.4	<0.02	0.22	11.7	17.1	7.19	400
16-Jun-23	52.99	<3	2	<4	2	<4	2	0.7	<0.02	0.22	11.9	17.1	7.21	500
17-Jun-23	53.88	<3	2	<4	2	<4	2	0.4	<0.02	0.22	12.0	17.5	7.34	310
18-Jun-23	54.84	<3	2	<4	2	<4	2	0.4	0.05	0.22	12.2	17.7	7.23	170
19-Jun-23	54.86	<3	2	<4	2	<4	2	0.4	0.07	0.22	12.3	17.7	7.22	nr
20-Jun-23	54.97	<3	2	<4	2	<4	2	nr	nr	0.22	12.4	18.6	7.18	400
21-Jun-23	53.59	<3	2	<4	2	<4	2	2.7	0.07	0.22	12.4	18.3	7.17	310
22-Jun-23	63.04	<3	2	<4	2	<4	2	2.6	0.12	0.23	12.6	18.1	7.37	170
23-Jun-23	54.17	ns	2	ns	2	ns	2	ns	ns	0.23	12.7	18.0	7.21	500
24-Jun-23	52.37	<3	2	<4	2	<4	2	<0.1	0.07	0.23	12.8	18.6	7.32	500
25-Jun-23	54.47	<3	2	<4	2	<4	2	0.2	0.14	0.24	12.8	18.3	7.20	550
26-Jun-23	54.57	<3	2	<4	2	<4	2	2.1	0.07	0.23	12.9	18.3	7.24	670
27-Jun-23	55.48	ns	2	ns	2	ns	2	ns	ns	0.24	13.0	18.2	7.22	460
28-Jun-23	65.62	<3	2	<4	2	<4	2	11.2	0.21	0.24	13.0	18.9	7.17	510
29-Jun-23	58.89	<3	2	<4	2	<4	2	5.1	0.07	0.24	13.0	18.5	7.20	3,450
30-Jun-23	56.04	<3	2	<4	2	<4	2	2.6	0.07	0.25	13.1	18.8	7.13	510
<b>Max:</b>	67.23													
<b>Min:</b>	52.37													
<b>Average:</b>	<b>57.65</b>	<b>&lt;3</b>		<b>&lt;4</b>		<b>&lt;4</b>		<b>2.5</b>	<b>0.16</b>			<b>17.7</b>	<b>7.27</b>	
<b>Total Flow:</b>	1,729.48													
<b>Geo.Mean:</b>														<b>504</b>

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