



South End Water Pollution Control Centre Monitoring Data
July 01, 2023 to July 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-Jul-23	51.73	<3	2	<4	2	<4	2	1.3	0.10	0.24	13.1	18.6	7.33	660
02-Jul-23	58.93	<3	2	nr	2	nr	2	1.5	0.17	0.24	13.0	18.7	7.28	400
03-Jul-23	55.16	3	2	<4	2	<4	2	3.9	nr	0.22	13.0	18.5	7.25	510
04-Jul-23	53.79	<3	2	<4	2	<4	2	14.7	0.22	0.22	12.9	18.2	7.45	460
05-Jul-23	46.76	<3	2	<4	2	<4	2	0.8	0.07	0.21	12.8	17.9	7.24	460
06-Jul-23	66.33	<3	2	<4	2	<4	2	23.2	0.39	0.21	12.9	18.4	7.17	nr
07-Jul-23	55.14	<3	2	<4	2	<4	2	1.0	0.07	0.21	12.8	18.2	7.17	340
08-Jul-23	50.62	<3	2	<4	2	<4	2	0.3	0.04	0.20	12.8	18.3	7.25	380
09-Jul-23	52.99	<3	2	<4	2	<4	2	0.3	0.13	0.19	12.8	18.5	7.13	370
10-Jul-23	57.36	4	2	<4	2	<4	2	3.3	0.12	0.19	12.7	18.6	7.13	310
11-Jul-23	51.52	3	2	<4	2	<4	2	9.4	0.13	0.19	12.7	18.1	7.30	290
12-Jul-23	50.82	<3	2	<4	2	<4	2	2.3	0.13	0.20	12.7	18.2	7.21	190
13-Jul-23	56.04	<3	2	<4	2	<4	2	0.7	0.37	0.21	12.8	18.6	7.19	360
14-Jul-23	51.54	4	2	<4	2	<4	2	21.8	0.51	0.22	12.8	18.5	7.13	660
15-Jul-23	53.69	<3	2	<4	2	<4	2	23.7	0.90	0.26	12.8	18.7	7.26	2,220
16-Jul-23	53.28	<3	2	<4	2	<4	2	1.7	0.98	0.30	12.8	18.1	7.24	3,650
17-Jul-23	53.43	3	2	<4	2	<4	2	1.6	1.34	0.35	12.6	18.1	7.19	2,600
18-Jul-23	51.75	<3	2	<4	2	<4	2	2.5	1.31	0.40	12.4	18.1	7.20	4,610
19-Jul-23	53.04	<3	2	<4	2	<4	2	0.8	0.97	0.44	12.3	20.0	7.27	4,110
20-Jul-23	52.69	4	2	<4	2	<4	2	2.8	1.12	0.48	12.3	18.9	7.12	4,610
21-Jul-23	60.41	4	2	<4	2	<4	2	10.8	1.33	0.52	12.3	19.0	7.02	3,870
22-Jul-23	53.90	3	2	<4	2	<4	2	5.5	0.63	0.54	12.2	19.0	6.98	6,130
23-Jul-23	59.04	5	2	<4	2	<4	2	1.5	0.73	0.56	12.2	18.8	7.04	3,080
24-Jul-23	69.86	4	2	<4	2	<4	2	4.6	0.46	0.57	12.2	19.0	7.04	1,530
25-Jul-23	100.49	46	4	11	2	6	2	4.6	0.42	0.65	12.2	18.9	7.62	2,990
26-Jul-23	65.36	<3	4	<4	2	<4	2	5.6	0.12	0.65	12.1	19.1	7.13	990
27-Jul-23	59.36	3	4	<4	2	<4	2	1.0	0.20	0.64	12.1	18.9	7.22	790
28-Jul-23	56.06	<3	4	<4	2	<4	2	3.4	0.32	0.64	12.0	18.7	7.22	480
29-Jul-23	53.46	ns	4	ns	2	ns	2	ns	ns	0.66	12.1	18.5	7.30	820
30-Jul-23	55.00	ns	4	ns	2	ns	2	ns	ns	0.68	12.0	19.0	7.25	910
31-Jul-23	47.49	ns	4	ns	2	ns	2	ns	ns	0.70	12.0	19.1	7.19	740
Max:	100.49													
Min:	46.76													
Average:	56.68	4		<4		<4		5.5	0.49			18.6	7.21	
Total Flow:	1,757.04													
Geo. Mean:														988

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

Comments: July 2 BOD and cBOD results are not reportable due to a QC failure and July 25-31 total phosphorus rolling average results have been recalculated

Report Date: November 30, 2023, Revision 1