



South End Water Pollution Control Centre Monitoring Data
April 01, 2023 to April 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-Apr-23	51.05	<3	2	<4	2	<4	2	39.6	0.03	0.12	12.9	13.1	7.12	10
02-Apr-23	55.05	<3	2	<4	2	<4	2	73.8	0.04	0.12	12.9	13.2	7.24	20
03-Apr-23	49.91	<3	2	<4	2	<4	2	27.9	0.02	0.12	12.8	13.3	7.00	20
04-Apr-23	48.59	<3	2	<4	2	<4	2	3.6	0.04	0.12	12.8	13.6	7.04	10
05-Apr-23	48.99	<3	2	<4	2	<4	2	11.4	0.03	0.12	12.8	13.4	7.03	<10
06-Apr-23	50.49	<3	2	<4	2	<4	2	17.7	0.04	0.12	12.8	13.6	6.94	10
07-Apr-23	54.39	<3	2	<4	2	<4	2	66.4	0.06	0.12	12.8	12.8	6.99	20
08-Apr-23	62.87	<3	2	<4	2	<4	2	125.7	0.22	0.13	12.7	12.9	7.06	10
09-Apr-23	78.54	<3	2	<4	2	nr	2	131.2	0.14	0.14	12.6	13.1	7.27	10
10-Apr-23	100.96	4	2	6	2	<4	2	164.6	0.07	0.14	12.4	12.7	7.23	10
11-Apr-23	131.12	98	5	>20	3	15	3	170.5	0.04	0.28	12.3	12.0	7.06	50
12-Apr-23	131.74	110	9	56	5	19	3	184.4	0.06	0.43	12.3	11.7	7.08	70
13-Apr-23	115.58	11	9	7	5	<4	3	76.4	0.08	0.44	12.1	11.5	7.19	10
14-Apr-23	114.41	3	9	4	5	<4	3	102.1	0.26	0.45	12.0	11.4	7.27	<10
15-Apr-23	89.97	<3	9	<4	5	<4	3	64.8	0.56	0.47	11.8	11.8	7.27	60
16-Apr-23	89.40	<3	9	<4	5	<4	3	81.1	0.40	0.48	11.6	11.6	7.45	30
17-Apr-23	80.28	<3	9	<4	5	<4	3	22.7	0.16	0.48	11.4	12.3	7.23	50
18-Apr-23	77.58	<3	9	<4	5	<4	3	40.3	0.10	0.48	11.3	12.2	7.30	30
19-Apr-23	83.75	<3	9	<4	5	<4	3	20.9	0.12	0.48	11.1	12.2	7.26	<10
20-Apr-23	82.41	<3	9	<4	5	<4	3	26.5	0.18	0.48	11.1	11.8	7.22	<10
21-Apr-23	76.48	<3	9	<4	5	<4	3	63.1	1.73	0.54	11.0	11.2	7.26	10
22-Apr-23	80.02	<3	9	<4	5	<4	3	77.0	3.67	0.68	11.0	11.5	7.25	<10
23-Apr-23	79.72	4	9	4	5	<4	3	126.0	4.62	0.85	11.1	12.1	7.09	<10
24-Apr-23	77.60	6	9	5	5	<4	3	169.2	4.87	1.02	11.2	12.0	7.11	10
25-Apr-23	75.64	4	9	<4	5	<4	3	118.8	3.05	1.05	11.1	12.2	7.13	10
26-Apr-23	91.39	3	9	4	5	<4	3	162.7	1.42	1.11	11.1	12.1	7.11	100
27-Apr-23	82.88	<3	9	<4	5	<4	3	116.0	0.54	1.13	11.1	12.1	7.20	<10
28-Apr-23	80.66	<3	9	<4	5	<4	3	66.2	0.19	1.13	11.0	12.1	7.17	10
29-Apr-23	80.33	<3	9	<4	5	<4	3	95.6	0.23	1.14	11.0	12.6	7.19	<10
30-Apr-23	80.84	3	9	<4	5	<4	3	93.8	0.21	1.15	10.9	12.5	7.24	10
Max:	131.74													
Min:	48.59													
Average:	80.09	9		5		<4		84.7	0.77			12.4	7.17	
Total Flow:	2,402.64													
Geo.Mean:														13

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