



South End Water Pollution Control Centre Monitoring Data
March 01, 2023 to March 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-Mar-23	48.82	3	2	<4	4	<4	2	117.7	0.02	0.13	13.2	12.9	6.96	10
02-Mar-23	49.68	3	2	<4	3	<4	2	96.9	0.02	0.13	13.1	12.8	6.84	30
03-Mar-23	49.17	<3	2	<4	3	<4	2	89.5	0.03	0.13	13.1	13.2	6.88	20
04-Mar-23	49.61	<3	2	<4	3	<4	2	93.8	<0.02	0.13	13.1	12.9	7.00	20
05-Mar-23	50.96	4	2	4	3	<4	2	116.7	0.03	0.13	13.1	13.0	7.12	10
06-Mar-23	49.68	<3	2	<4	3	<4	2	85.0	<0.02	0.14	13.0	13.1	7.01	<10
07-Mar-23	48.53	<3	2	<4	3	<4	2	52.9	<0.02	0.13	13.0	12.8	6.95	20
08-Mar-23	47.60	<3	2	nr	3	nr	2	28.5	<0.02	0.13	13.1	12.8	7.04	440
09-Mar-23	53.25	<3	2	<4	3	<4	2	81.5	0.04	0.14	13.1	13.0	6.87	10
10-Mar-23	49.00	<3	2	<4	3	<4	2	21.8	<0.02	0.14	13.2	13.2	6.85	30
11-Mar-23	48.94	<3	2	<4	3	<4	2	29.2	<0.02	0.14	13.2	12.9	6.98	50
12-Mar-23	50.68	<3	2	nr	3	nr	2	45.3	0.03	0.14	13.2	12.7	7.20	<10
13-Mar-23	48.94	3	2	nr	3	nr	2	23.7	<0.02	0.14	13.2	12.8	7.00	10
14-Mar-23	49.39	3	2	nr	3	nr	2	8.7	<0.02	0.14	13.2	12.8	6.93	20
15-Mar-23	48.60	4	2	nr	3	nr	2	16.2	<0.02	0.14	13.3	13.0	6.87	<10
16-Mar-23	48.67	<3	2	<4	3	<4	2	11.0	0.02	0.14	13.4	13.0	6.96	10
17-Mar-23	48.98	<3	2	<4	3	<4	2	6.0	<0.02	0.14	13.4	12.4	7.01	<10
18-Mar-23	49.46	<3	2	<4	3	<4	2	17.9	<0.02	0.14	13.5	12.3	7.05	<10
19-Mar-23	51.77	3	2	<4	3	<4	2	42.8	<0.02	0.14	13.3	12.4	7.21	10
20-Mar-23	48.54	<3	2	<4	3	<4	2	25.8	<0.02	0.14	13.3	12.8	6.89	<10
21-Mar-23	48.82	<3	2	<4	3	<4	2	11.7	0.03	0.13	13.3	13.0	6.94	<10
22-Mar-23	49.05	<3	2	<4	2	<4	2	19.7	0.03	0.13	13.4	13.1	6.94	10
23-Mar-23	49.17	<3	2	<4	2	<4	2	27.0	0.03	0.13	13.4	13.0	6.81	10
24-Mar-23	51.02	<3	2	<4	2	<4	2	48.0	0.03	0.13	13.4	12.9	6.94	10
25-Mar-23	52.11	<3	2	<4	2	<4	2	86.0	0.02	0.13	13.3	12.8	7.12	<10
26-Mar-23	52.09	<3	2	<4	2	<4	2	103.1	0.04	0.13	13.2	12.7	7.18	20
27-Mar-23	49.47	<3	2	<4	2	<4	2	57.9	0.03	0.13	13.2	12.4	6.96	<10
28-Mar-23	49.02	<3	2	<4	2	<4	2	24.5	0.02	0.13	13.0	12.6	7.00	<10
29-Mar-23	49.39	<3	2	<4	2	<4	2	28.0	0.03	0.13	13.1	12.6	6.96	30
30-Mar-23	49.65	<3	2	<4	2	<4	2	25.9	0.03	0.13	13.0	13.1	6.95	<10
31-Mar-23	51.62	<3	2	<4	2	<4	2	29.2	0.03	0.12	12.9	13.1	6.92	20
Max:	53.25													
Min:	47.60													
Average:	49.73	<3		<4		<4		47.5	0.02			12.8	6.98	
Total Flow:	1,541.68													
Geo.Mean:														12

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