



South End Water Pollution Control Centre Monitoring Data
May 01, 2023 to May 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-May-23	77.03	<3	9	<4	5	<4	3	27.6	0.09	1.22	10.8	12.2	7.23	<10
02-May-23	74.71	<3	9	<4	5	<4	3	7.7	0.06	1.22	10.7	12.8	7.13	10
03-May-23	74.10	<3	9	<4	5	<4	3	4.7	0.06	1.22	10.6	13.1	7.18	<10
04-May-23	72.49	<3	9	<4	5	<4	3	11.7	0.10	1.22	10.5	13.6	7.10	10
05-May-23	71.87	<3	9	<4	5	<4	3	0.5	0.05	1.22	10.4	13.4	7.13	<10
06-May-23	71.69	<3	9	<4	5	<4	3	14.8	0.05	1.22	10.3	13.5	7.23	10
07-May-23	73.14	<3	9	<4	5	<4	3	24.3	0.05	1.22	10.2	13.7	7.38	10
08-May-23	72.62	<3	9	<4	5	<4	3	3.0	0.04	1.21	10.1	13.5	7.14	<10
09-May-23	69.17	<3	9	<4	5	<4	3	0.4	0.03	1.20	10.1	14.1	7.15	80
10-May-23	90.42	<3	9	<4	5	<4	3	75.0	0.10	1.20	10.1	14.5	7.13	40
11-May-23	81.59	<3	6	<4	4	<4	3	6.2	0.05	1.06	10.1	14.7	7.18	200
12-May-23	75.89	<3	2	<4	2	<4	2	0.5	0.04	0.91	10.0	14.4	7.19	160
13-May-23	74.13	<3	2	<4	2	<4	2	3.4	0.08	0.89	10.1	14.1	7.31	80
14-May-23	73.82	<3	2	<4	2	<4	2	17.2	0.06	0.88	10.1	15.2	7.26	60
15-May-23	72.60	<3	2	<4	2	<4	2	0.5	0.06	0.87	10.1	14.7	7.26	20
16-May-23	69.79	<3	2	<4	2	<4	2	0.5	0.06	0.86	10.2	15.0	7.27	110
17-May-23	70.54	<3	2	<4	2	<4	2	nr	nr	0.85	10.3	15.0	7.36	110
18-May-23	67.43	<3	2	<4	2	<4	2	0.4	0.04	0.85	10.4	14.3	7.44	70
19-May-23	64.69	<3	2	<4	2	<4	2	0.4	0.07	0.85	10.4	14.4	7.31	110
20-May-23	61.63	<3	2	<4	2	<4	2	2.0	0.05	0.85	10.4	14.6	7.32	70
21-May-23	58.84	<3	2	<4	2	<4	2	34.7	0.12	0.79	10.4	14.8	7.38	90
22-May-23	62.81	<3	2	<4	2	<4	2	0.4	0.12	0.65	10.3	15.0	7.33	100
23-May-23	61.13	<3	2	<4	2	<4	2	1.2	0.12	0.49	10.2	15.3	7.41	190
24-May-23	59.81	<3	2	<4	2	<4	2	0.4	0.05	0.31	10.1	14.9	7.36	310
25-May-23	64.34	<3	2	<4	2	<4	2	0.4	0.07	0.21	10.0	15.3	7.30	230
26-May-23	59.55	<3	2	<4	2	<4	2	40.9	0.12	0.15	10.1	15.9	7.35	410
27-May-23	57.66	<3	2	<4	2	<4	2	2.4	0.14	0.13	10.1	15.8	7.37	590
28-May-23	59.79	<3	2	<4	2	<4	2	7.8	0.11	0.13	10.2	16.1	7.57	480
29-May-23	59.43	ns	2	ns	2	ns	2	ns	ns	0.12	10.2	16.5	7.34	500
30-May-23	58.87	<3	2	<4	2	<4	2	11.5	0.09	0.11	10.2	16.2	7.33	610
31-May-23	58.25	<3	2	<4	2	<4	2	5.4	0.14	0.11	10.3	17.3	7.40	960
Max:	90.42													
Min:	57.66													
Average:	68.38	<3		<4		<4		10.5	0.08			14.6	7.29	
Total Flow:	2,119.83													
Geo.Mean:														70

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