



South End Water Pollution Control Centre Monitoring Data
November 01, 2022 to November 30, 2022

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-Nov-22	55.23	<3	2	<4	2	<4	2	0.4	0.03	0.15	12.9	17.0	7.29	230
02-Nov-22	55.29	<3	2	<4	2	<4	2	0.4	0.03	0.15	13.1	17.1	7.27	10
03-Nov-22	54.89	<3	2	<4	2	<4	2	0.4	0.04	0.15	13.3	17.0	7.20	40
04-Nov-22	55.07	<3	2	<4	2	<4	2	0.4	0.04	0.15	13.6	16.2	7.22	40
05-Nov-22	53.08	<3	2	<4	2	<4	2	0.3	0.05	0.15	13.9	15.9	7.25	50
06-Nov-22	56.96	<3	2	<4	2	<4	2	0.4	0.08	0.16	14.1	15.7	7.48	10
07-Nov-22	48.92	<3	2	<4	2	<4	2	0.3	0.04	0.16	14.3	16.1	7.17	30
08-Nov-22	49.71	<3	2	<4	2	<4	2	0.3	0.05	0.16	14.5	16.1	7.18	10
09-Nov-22	49.48	<3	2	<4	2	<4	2	0.3	0.05	0.16	14.8	16.0	7.25	40
10-Nov-22	47.87	<3	2	<4	2	<4	2	0.3	0.05	0.15	15.2	15.5	7.22	40
11-Nov-22	47.57	<3	2	<4	2	<4	2	0.3	0.06	0.15	15.4	14.8	7.30	60
12-Nov-22	48.21	<3	2	<4	2	<4	2	0.3	0.07	0.16	15.4	15.1	7.39	120
13-Nov-22	48.57	<3	2	<4	2	<4	2	0.3	0.05	0.16	15.5	15.2	7.45	30
14-Nov-22	44.41	<3	2	<4	2	<4	2	0.3	0.07	0.16	15.5	15.1	7.22	110
15-Nov-22	46.91	<3	2	<4	2	<4	2	0.3	0.12	0.16	15.6	15.6	7.30	120
16-Nov-22	44.91	<3	2	<4	2	<4	2	0.3	0.07	0.16	15.7	15.1	7.20	30
17-Nov-22	42.50	3	2	<4	2	<4	2	0.3	0.10	0.17	15.8	15.1	7.17	10
18-Nov-22	42.46	4	2	8	2	<4	2	0.3	0.21	0.18	15.9	14.6	7.21	10
19-Nov-22	42.73	<3	2	<4	2	<4	2	0.3	0.84	0.21	15.9	14.3	7.24	30
20-Nov-22	44.37	<3	2	<4	2	<4	2	0.3	1.20	0.26	15.9	14.1	7.23	60
21-Nov-22	42.04	ns	2	ns	2	ns	2	ns	ns	0.26	16.0	14.7	7.29	80
22-Nov-22	41.90	3	2	<4	2	<4	2	0.3	1.37	0.32	16.0	14.9	7.18	170
23-Nov-22	42.26	<3	2	<4	2	<4	2	0.3	1.66	0.41	16.2	15.0	7.27	110
24-Nov-22	41.78	<3	2	<4	2	<4	2	nr	4.09	0.52	16.4	15.2	7.24	80
25-Nov-22	42.59	<3	2	<4	2	<4	2	0.3	2.56	0.61	16.4	15.0	7.20	250
26-Nov-22	43.79	<3	2	<4	2	<4	2	0.3	2.42	0.70	16.6	15.0	7.15	90
27-Nov-22	44.67	<3	2	<4	2	<4	2	0.3	1.91	0.77	16.6	14.8	7.20	110
28-Nov-22	49.23	<3	2	<4	2	<4	2	0.3	0.90	0.80	16.7	15.0	7.19	90
29-Nov-22	42.46	<3	2	<4	2	<4	2	0.3	0.64	0.82	16.8	14.8	7.23	30
30-Nov-22	42.80	<3	2	<4	2	<4	2	0.3	0.81	0.85	17.0	14.0	7.19	30
Max:	56.96													
Min:	41.78													
Average:	47.09	<3		<4		<4		0.2	0.68			15.3	7.25	
Total Flow:	1,412.66													
Geo.Mean:														48

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
- November 2-20 and 26 samples exceeded hold time for ammonia and ortho-phosphorus analysis