



South End Water Pollution Control Centre
Final Effluent Monitoring Report
April 2025

Licence # 2716RR	File # 1069.1	24 Hour Composite										Grab Sample		
Date	Raw Sewage Daily Flow	TSS		BOD5		cBOD5		Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	E.Coli
	ML	(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-25	64.2	3	8	6	5	<4	2	148.8	0.25	0.85	11.8	13.7	7.22	10
02-Apr-25	74.1	3	6	5	5	<4	2	180.0	0.09	0.74	11.8	14.4	7.14	<10
03-Apr-25	61.8	3	5	5	5	<4	2	140.4	0.09	0.72	11.7	14.2	7.12	<10
04-Apr-25	58.3	<3	5	5	5	<4	2	102.6	0.08	0.71	11.7	14.0	7.23	<10
05-Apr-25	58.4	<3	5	5	5	<4	2	113.3	0.07	0.70	11.6	13.9	7.23	10
06-Apr-25	57.6	<3	5	6	5	<4	2	133.7	0.09	0.68	11.5	13.9	7.27	<10
07-Apr-25	55.1	<3	4	5	5	<4	2	94.3	0.09	0.63	11.4	13.8	7.32	<10
08-Apr-25	54.5	<3	4	<4	5	<4	2	57.2	0.08	0.58	11.3	13.9	7.18	40
09-Apr-25	68.6	<3	3	4	5	<4	2	150.9	0.07	0.56	11.3	14.2	7.31	10
10-Apr-25	67.2	<3	3	4	5	<4	2	128.9	0.07	0.54	11.3	14.0	7.11	10
11-Apr-25	67.4	<3	3	4	5	<4	2	119.3	0.07	0.53	11.4	13.9	7.17	<10
12-Apr-25	68.9	<3	3	4	4	<4	2	119.9	0.07	0.52	11.4	14.4	7.35	<10
13-Apr-25	66.1	<3	3	4	4	<4	2	109.7	0.08	0.50	11.3	14.3	7.36	10
14-Apr-25	65.5	<3	3	5	4	<4	2	111.3	0.10	0.49	11.2	13.9	7.36	10
15-Apr-25	61.4	<3	3	nr	4	nr	2	76.1	0.10	0.47	11.2	14.0	7.20	10
16-Apr-25	67.8	<3	3	nr	4	nr	2	434.2	1.57	0.50	11.4	14.1	7.34	<10
17-Apr-25	60.0	<3	3	nr	4	nr	2	331.3	0.71	0.50	11.5	14.2	7.34	40
18-Apr-25	59.3	<3	3	6	5	<4	2	134.0	0.21	0.48	11.5	14.1	7.40	10
19-Apr-25	58.8	<3	3	nr	5	nr	2	103.4	0.17	0.47	11.5	14.2	7.35	<10
20-Apr-25	58.4	<3	3	nr	5	nr	2	101.5	0.15	0.47	11.5	14.3	7.46	10
21-Apr-25	57.8	<3	3	nr	5	nr	2	80.4	0.14	0.47	11.5	14.6	7.72	<10
22-Apr-25	61.2	<3	2	5	5	<4	2	94.9	0.26	0.46	11.4	14.7	7.24	10
23-Apr-25	62.3	<3	2	5	5	<4	2	102.8	0.16	0.46	11.4	14.6	7.22	10
24-Apr-25	59.9	<3	2	<4	4	<4	2	55.6	nr	0.43	11.3	14.8	7.27	10
25-Apr-25	58.8	<3	2	4	4	<4	2	36.0	0.06	0.40	11.2	14.8	7.29	10
26-Apr-25	59.3	<3	2	4	4	<4	2	73.6	0.39	0.40	11.2	14.9	7.35	10
27-Apr-25	59.5	<3	2	5	4	<4	2	92.2	0.39	0.40	11.1	14.8	7.42	<10
28-Apr-25	58.7	<3	2	<4	4	<4	2	59.2	0.31	0.40	11.1	14.7	7.22	<10
29-Apr-25	57.4	<3	2	<4	4	<4	2	50.8	0.19	0.36	11.0	14.5	7.21	30
30-Apr-25	60.6	<3	2	4	4	<4	2	83.6	0.43	0.34	10.9	14.7	7.20	<10
Max:	74.1													
Min:	54.5													
Average:	61.6	<3		4		<4		120.7	0.23			14.3	7.29	
Total Flow:	1,848.9													
Geo.Mean:														<10

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

Report Date: May 29, 2025