



South End Water Pollution Control Centre
Final Effluent Monitoring Report
October 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-Oct-25	56.9	<3	2	<4	2	<4	2	24.6	0.03	0.14	12.2	19.9	7.22	40
02-Oct-25	53.6	<3	2	<4	2	<4	2	6.3	0.04	0.14	12.1	20.2	7.17	30
03-Oct-25	66.6	<3	2	<4	2	<4	2	39.1	0.04	0.14	12.2	20.1	7.32	10
04-Oct-25	66.5	<3	2	<4	2	<4	2	23.2	0.04	0.14	12.1	20.1	7.21	40
05-Oct-25	134.1	6	2	4	2	<4	2	175.7	0.02	0.14	12.1	19.5	7.13	20
06-Oct-25	75.6	<3	2	nr	2	nr	2	3.9	0.03	0.14	11.9	17.4	7.35	930
07-Oct-25	65.8	<3	2	<4	2	<4	2	3.8	0.03	0.14	11.8	17.9	7.42	10
08-Oct-25	62.6	<3	2	<4	2	<4	2	2.4	0.03	0.14	11.8	17.9	7.46	20
09-Oct-25	60.7	<3	2	<4	2	<4	2	5.3	0.03	0.14	11.7	18.2	7.36	10
10-Oct-25	58.3	<3	2	<4	2	<4	2	4.0	0.03	0.14	11.6	18.1	7.31	10
11-Oct-25	64.8	<3	2	<4	2	<4	2	14.2	0.03	0.15	11.4	18.7	7.50	20
12-Oct-25	69.5	4	2	<4	2	<4	2	2.7	0.03	0.15	11.3	19.0	7.37	30
13-Oct-25	62.9	<3	2	<4	2	<4	2	46.9	<0.02	0.15	11.2	17.9	7.34	<10
14-Oct-25	59.5	<3	2	<4	2	<4	2	8.5	0.02	0.15	11.2	17.2	7.34	30
15-Oct-25	58.4	<3	2	<4	2	<4	2	20.2	0.03	0.15	11.3	18.3	7.35	60
16-Oct-25	76.1	<3	2	<4	2	<4	2	87.5	<0.02	0.15	11.3	18.7	7.41	30
17-Oct-25	75.5	<3	2	<4	2	<4	2	28.8	<0.02	0.15	11.2	18.2	7.24	<10
18-Oct-25	68.5	<3	2	<4	2	<4	2	18.4	<0.02	0.14	11.2	17.8	7.34	<10
19-Oct-25	67.3	<3	2	<4	2	<4	2	54.9	<0.02	0.14	11.0	18.0	7.39	<10
20-Oct-25	114.7	4	2	<4	2	<4	2	341.8	0.04	0.15	11.0	17.8	7.34	10
21-Oct-25	94.6	<3	2	<4	2	<4	2	11.0	0.03	0.15	11.0	16.9	7.28	10
22-Oct-25	76.7	<3	2	<4	2	<4	2	73.6	0.02	0.15	11.0	17.2	7.43	<10
23-Oct-25	70.7	<3	2	nr	2	nr	2	13.6	0.04	0.15	10.9	17.1	7.44	10
24-Oct-25	68.7	<3	2	<4	2	<4	2	8.7	0.05	0.14	10.9	17.4	7.42	<10
25-Oct-25	65.8	<3	2	<4	2	<4	2	5.0	0.04	0.14	10.8	17.8	7.64	20
26-Oct-25	65.4	<3	2	<4	2	<4	2	3.1	0.04	0.14	10.8	17.9	7.78	<10
27-Oct-25	136.4	<3	2	<4	2	<4	2	74.3	<0.02	0.14	10.6	18.0	7.47	10
28-Oct-25	127.0	<3	2	<4	2	<4	2	8.3	0.02	0.14	10.5	16.5	7.28	470
29-Oct-25	95.6	<3	2	<4	2	<4	2	3.2	0.03	0.14	10.4	16.8	7.57	190
30-Oct-25	85.8	<3	2	<4	2	<4	2	1.5	0.05	0.14	10.4	16.9	7.56	<10
31-Oct-25	77.3	<3	2	<4	2	<4	2	2.5	0.04	0.14	10.4	17.0	7.61	<10
Max:	136.4													
Min:	53.6													
Average:	76.8	<3		<4		<4		36.0	0.03			18.1	7.39	
Total Flow:	2,381.9													
Geo.Mean:														17

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: November 28, 2025