



South End Water Pollution Control Centre
Final Effluent Monitoring Report
August 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-Aug-25	52.5	<3	2	<4	3	<4	2	1.7	0.02	0.13	10.6	18.9	7.14	20
02-Aug-25	48.6	<3	2	<4	3	<4	2	2.4	0.03	0.13	10.7	19.2	7.21	<10
03-Aug-25	47.9	<3	2	<4	3	<4	2	3.5	0.02	0.13	10.7	19.4	7.21	<10
04-Aug-25	51.4	<3	2	<4	3	<4	2	24.1	0.03	0.13	10.8	19.7	7.11	10
05-Aug-25	61.4	<3	2	<4	3	<4	2	127.2	0.06	0.13	10.9	19.0	7.12	20
06-Aug-25	73.0	3	2	<4	3	<4	2	245.9	0.06	0.13	11.0	19.3	7.25	<10
07-Aug-25	56.1	<3	2	nr	3	nr	2	44.2	0.05	0.13	11.0	19.6	7.14	<10
08-Aug-25	84.8	3	2	nr	3	nr	2	223.8	0.05	0.13	11.0	19.8	7.37	<10
09-Aug-25	57.4	<3	2	<4	3	<4	2	21.9	0.05	0.13	11.0	19.4	7.17	20
10-Aug-25	56.8	<3	2	<4	3	<4	2	36.6	0.03	0.13	11.1	19.4	7.66	40
11-Aug-25	55.7	<3	2	<4	3	<4	2	23.9	0.03	0.13	11.1	19.0	7.32	10
12-Aug-25	54.0	<3	2	<4	3	<4	2	14.9	0.02	0.13	11.2	19.3	7.17	190
13-Aug-25	54.4	<3	2	<4	3	<4	2	3.0	0.02	0.13	11.2	19.4	7.16	30
14-Aug-25	66.1	<3	2	<4	3	<4	2	27.2	0.02	0.13	11.2	19.3	7.15	<10
15-Aug-25	55.5	<3	2	<4	3	<4	2	1.7	<0.02	0.13	11.2	19.0	7.16	10
16-Aug-25	52.2	<3	2	<4	3	<4	2	1.0	0.02	0.13	11.2	19.3	7.18	40
17-Aug-25	75.4	<3	2	<4	3	<4	2	163.6	0.03	0.14	11.1	20.0	7.21	30
18-Aug-25	70.2	<3	2	<4	3	<4	2	46.4	0.03	0.13	11.1	na	7.11	30
19-Aug-25	60.6	<3	2	<4	3	<4	2	4.7	0.03	0.13	11.1	19.3	7.20	40
20-Aug-25	85.0	18	2	13	3	10	2	303.3	0.07	0.14	11.1	19.4	7.33	<10
21-Aug-25	108.7	<3	2	<4	3	<4	2	62.4	0.02	0.14	11.0	19.4	7.12	8,160
22-Aug-25	68.8	<3	2	<4	2	<4	2	1.0	0.03	0.14	10.9	18.8	7.34	960
23-Aug-25	62.2	<3	2	<4	2	<4	2	2.1	0.02	0.14	10.8	18.8	7.33	<10
24-Aug-25	61.3	<3	2	<4	2	<4	2	2.1	0.02	0.14	10.6	18.6	7.43	20
25-Aug-25	59.5	<3	2	<4	2	<4	2	1.4	0.03	0.14	10.6	18.9	7.39	50
26-Aug-25	59.4	<3	2	<4	2	<4	2	1.1	0.03	0.14	10.6	18.9	7.35	10
27-Aug-25	58.8	<3	2	<4	2	<4	2	0.7	0.02	0.13	10.6	19.6	7.27	20
28-Aug-25	58.3	<3	2	<4	2	<4	2	3.2	0.03	0.13	10.6	19.6	7.48	<10
29-Aug-25	56.5	<3	2	<4	2	<4	2	1.1	0.03	0.13	10.6	20.0	7.35	20
30-Aug-25	53.3	<3	2	<4	2	<4	2	1.5	0.03	0.13	10.5	22.1	7.29	<10
31-Aug-25	52.9	<3	2	<4	2	<4	2	2.3	0.04	0.13	10.4	20.0	7.56	<10
Max:	108.7													
Min:	47.9													
Average:	61.9	<3		<4		<4		45.2	0.03			19.4	7.27	
Total Flow:	1,918.7													
Geo.Mean:														19

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: September 29, 2025