



South End Water Pollution Control Centre
Final Effluent Monitoring Report
September 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-Sep-25	55.9	6	2	<4	2	<4	2	3.3	0.03	0.13	10.4	19.9	7.41	<10
02-Sep-25	56.1	<3	2	<4	2	<4	2	1.8	0.03	0.13	10.4	19.7	7.30	<10
03-Sep-25	54.6	<3	2	<4	2	<4	2	2.1	0.03	0.13	10.4	19.0	7.38	10
04-Sep-25	56.9	<3	2	<4	2	<4	2	1.7	0.03	0.13	10.3	19.2	7.30	<10
05-Sep-25	54.6	<3	2	<4	2	<4	2	2.8	0.03	0.12	10.3	18.8	7.19	<10
06-Sep-25	53.7	<3	2	<4	2	<4	2	2.0	0.03	0.12	10.4	18.8	7.37	10
07-Sep-25	56.9	<3	2	<4	2	<4	2	1.9	0.03	0.12	10.4	19.1	7.39	20
08-Sep-25	54.5	<3	2	<4	2	<4	2	4.1	0.03	0.12	10.5	19.0	7.44	<10
09-Sep-25	53.1	<3	2	<4	2	<4	2	2.8	0.04	0.12	10.6	19.7	7.49	60
10-Sep-25	53.5	<3	2	<4	2	<4	2	1.9	0.04	0.12	10.7	19.7	7.27	<10
11-Sep-25	52.4	<3	2	<4	2	<4	2	4.9	0.04	0.12	10.9	19.4	7.38	10
12-Sep-25	52.7	<3	2	<4	2	<4	2	5.3	0.04	0.12	11.0	20.0	7.33	<10
13-Sep-25	52.4	<3	2	<4	2	<4	2	3.5	0.04	0.11	11.1	20.2	7.42	<10
14-Sep-25	55.5	<3	2	<4	2	<4	2	3.4	0.05	0.12	11.1	20.3	7.40	50
15-Sep-25	54.5	<3	2	<4	2	<4	2	0.8	0.05	0.12	11.1	20.4	7.40	510
16-Sep-25	51.4	<3	2	<4	2	<4	2	4.1	0.06	0.12	11.1	20.3	7.37	50
17-Sep-25	54.3	<3	2	<4	2	<4	2	8.4	0.09	0.12	11.2	20.2	7.23	<10
18-Sep-25	51.2	<3	2	<4	2	<4	2	10.8	0.06	0.12	11.3	19.5	7.38	140
19-Sep-25	57.8	<3	2	<4	2	<4	2	8.2	0.06	0.11	11.4	20.0	7.29	40
20-Sep-25	89.4	<3	2	<4	2	<4	2	41.7	0.07	0.12	11.4	20.2	7.24	60
21-Sep-25	65.9	<3	2	<4	2	<4	2	17.1	0.05	0.12	11.5	19.5	7.33	10
22-Sep-25	60.4	3	2	<4	2	<4	2	3.6	0.05	0.12	11.5	19.5	7.31	10
23-Sep-25	56.8	<3	2	<4	2	<4	2	3.3	0.15	0.12	11.6	19.7	7.45	20
24-Sep-25	56.6	<3	2	<4	2	<4	2	19.6	0.18	0.13	11.7	19.5	7.35	10
25-Sep-25	55.9	<3	2	<4	2	<4	2	4.9	0.09	0.13	11.8	19.5	7.39	<10
26-Sep-25	55.0	<3	2	<4	2	<4	2	2.6	0.05	0.13	11.8	19.5	7.38	10
27-Sep-25	53.7	<3	2	<4	2	<4	2	3.7	0.11	0.13	11.9	19.7	7.59	10
28-Sep-25	55.2	<3	2	<4	2	<4	2	25.1	0.05	0.14	12.0	19.5	7.34	540
29-Sep-25	63.8	<3	2	<4	2	<4	2	17.3	0.05	0.14	12.1	19.5	7.27	<10
30-Sep-25	64.9	<3	2	<4	2	<4	2	29.7	0.04	0.14	12.2	19.9	7.26	<10
Max:	89.4													
Min:	51.2													
Average:	57.0	<3		<4		<4		8.1	0.06			19.6	7.36	
Total Flow:	1,709.6													
Geo. Mean:														15

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: October 30, 2025