



South End Water Pollution Control Centre
Final Effluent Monitoring Report
November 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-Nov-25	76.3	<3	2	<4	2	<4	2	4.0	0.03	0.14	10.5	16.8	7.46	10
02-Nov-25	73.2	<3	2	<4	2	<4	2	2.9	0.03	0.13	10.4	17.0	7.59	40
03-Nov-25	67.0	<3	2	<4	2	<4	2	2.1	0.03	0.13	10.4	16.8	7.59	40
04-Nov-25	65.3	<3	2	<4	2	<4	2	3.9	0.03	0.13	10.5	16.8	7.70	<10
05-Nov-25	63.8	<3	2	<4	2	<4	2	2.3	0.02	0.13	10.6	16.9	7.55	40
06-Nov-25	67.6	<3	2	<4	2	<4	2	3.7	0.05	0.13	10.7	16.9	7.57	10
07-Nov-25	64.3	<3	2	<4	2	<4	2	2.7	<0.02	0.13	10.7	16.0	7.34	10
08-Nov-25	62.6	<3	2	<4	2	<4	2	8.1	0.02	0.13	10.7	16.6	7.47	<10
09-Nov-25	62.3	<3	2	<4	2	<4	2	1.7	<0.02	0.13	10.8	16.4	7.50	<10
10-Nov-25	61.0	<3	2	<4	2	<4	2	2.6	0.03	0.13	10.8	16.3	7.61	<10
11-Nov-25	61.1	<3	2	<4	2	<4	2	3.4	0.03	0.13	10.8	16.9	7.48	10
12-Nov-25	58.5	<3	2	<4	2	<4	2	2.2	0.03	0.13	10.8	16.9	7.62	10
13-Nov-25	58.9	<3	2	<4	2	<4	2	3.8	nr	0.13	10.9	16.9	7.44	10
14-Nov-25	57.5	<3	2	<4	2	<4	2	19.3	0.09	0.13	10.9	17.0	7.43	20
15-Nov-25	59.1	<3	2	<4	2	<4	2	39.0	0.09	0.12	11.0	16.4	7.90	<10
16-Nov-25	60.4	<3	2	<4	2	<4	2	7.5	0.03	0.13	11.0	16.6	7.49	50
17-Nov-25	57.6	<3	2	<4	2	<4	2	5.4	0.05	0.12	11.1	16.8	7.40	20
18-Nov-25	56.7	<3	2	<4	2	<4	2	4.8	0.09	0.12	11.2	16.8	7.50	<10
19-Nov-25	56.3	<3	2	<4	2	<4	2	1.5	0.03	0.12	11.3	16.9	7.31	10
20-Nov-25	56.1	<3	2	<4	2	<4	2	19.0	0.09	0.12	11.4	17.0	7.41	10
21-Nov-25	55.8	<3	2	<4	2	<4	2	3.4	0.05	0.12	11.5	16.2	7.25	<10
22-Nov-25	56.8	<3	2	<4	2	<4	2	36.5	0.08	0.12	11.6	16.8	7.46	<10
23-Nov-25	57.8	<3	2	<4	2	<4	2	14.6	0.04	0.12	11.7	16.8	7.37	10
24-Nov-25	55.8	<3	2	<4	2	<4	2	2.6	0.04	0.12	11.7	16.9	7.38	50
25-Nov-25	54.5	<3	2	<4	2	<4	2	49.8	0.08	0.12	11.8	16.8	7.43	20
26-Nov-25	54.2	<3	2	<4	2	<4	2	53.2	0.04	0.12	12.0	16.4	7.31	10
27-Nov-25	54.2	<3	2	nr	2	nr	2	72.1	0.09	0.13	12.1	16.1	7.33	<10
28-Nov-25	54.6	<3	2	<4	2	<4	2	74.8	0.11	0.13	12.2	16.0	7.44	<10
29-Nov-25	55.1	<3	2	<4	2	<4	2	25.7	0.06	0.13	12.4	15.9	7.61	10
30-Nov-25	56.9	<3	2	<4	2	<4	2	18.0	0.05	0.14	12.5	16.0	7.30	10
Max:	76.3													
Min:	54.2													
Average:	60.0	<3		<4		<4		16.4	0.05			16.6	7.47	
Total Flow:	1,801.3													
Geo. Mean:														11

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: December 30, 2025