

**South End Water Pollution Control Centre
Final Effluent Monitoring Report
December 2025**

Licence # 2716RR	File # 1069.1	24 Hour Composite										Grab Sample			
		TSS		BOD5		cBOD5		Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	E.Coli	
		(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-Dec-25	58.2	<3	2	<4	2	<4	2	5.2	0.05	0.14	12.5	15.5	7.34	10	
02-Dec-25	53.9	<3	2	<4	2	<4	2	5.2	0.06	0.14	12.6	15.5	7.37	<10	
03-Dec-25	54.2	<3	2	<4	2	<4	2	3.4	0.04	0.15	12.7	14.9	7.33	<10	
04-Dec-25	52.7	<3	2	<4	2	<4	2	2.9	0.06	0.15	12.9	14.5	7.40	<10	
05-Dec-25	52.8	<3	2	<4	2	<4	2	2.4	0.04	0.15	12.9	15.3	7.29	10	
06-Dec-25	54.7	<3	2	<4	2	<4	2	14.0	0.09	0.15	13.0	15.3	7.45	10	
07-Dec-25	53.9	<3	2	<4	2	<4	2	14.0	0.05	0.15	13.1	15.0	7.44	20	
08-Dec-25	51.5	<3	2	<4	2	<4	2	4.4	0.07	0.16	13.1	14.7	7.26	10	
09-Dec-25	52.5	<3	2	<4	2	<4	2	6.0	0.05	0.16	13.1	15.3	7.30	20	
10-Dec-25	52.0	<3	2	<4	2	<4	2	2.7	0.04	0.16	13.1	14.5	7.33	<10	
11-Dec-25	52.7	<3	2	nr	2	nr	2	6.4	0.05	0.17	13.2	15.3	7.24	<10	
12-Dec-25	53.6	<3	2	<4	2	<4	2	7.5	0.04	0.17	13.3	14.7	7.34	30	
13-Dec-25	53.1	<3	2	<4	2	<4	2	19.2	0.03	0.17	13.3	14.8	7.43	<10	
14-Dec-25	53.0	<3	2	<4	2	<4	2	20.3	0.05	0.17	13.4	14.6	7.37	<10	
15-Dec-25	52.8	<3	2	<4	2	<4	2	31.9	0.05	0.17	13.3	14.5	7.31	20	
16-Dec-25	52.3	4	2	<4	2	<4	2	28.5	0.04	0.18	13.3	15.0	7.23	190	
17-Dec-25	52.1	<3	2	<4	2	<4	2	48.9	0.03	0.18	13.3	14.2	7.29	230	
18-Dec-25	51.0	<3	2	<4	2	<4	2	34.5	0.04	0.18	13.3	14.2	7.28	120	
19-Dec-25	56.5	<3	2	<4	2	<4	2	71.7	0.05	0.19	13.3	13.7	7.34	10	
20-Dec-25	53.3	<3	2	<4	2	<4	2	31.9	0.03	0.19	13.3	13.9	7.22	10	
21-Dec-25	53.2	<3	2	<4	2	<4	2	29.1	0.03	0.19	13.3	14.3	7.20	<10	
22-Dec-25	51.6	<3	2	<4	2	<4	2	8.0	nr	0.19	13.3	14.8	7.22	30	
23-Dec-25	53.1	<3	2	<4	2	<4	2	5.6	0.04	0.19	13.2	14.8	7.25	10	
24-Dec-25	52.5	<3	2	<4	2	<4	2	15.8	0.05	0.19	13.3	14.9	7.15	<10	
25-Dec-25	47.3	<3	2	<4	2	<4	2	4.1	0.06	0.19	13.2	14.8	7.32	<10	
26-Dec-25	49.1	<3	2	<4	2	<4	2	19.1	0.04	0.19	13.2	15.2	7.39	<10	
27-Dec-25	50.2	<3	2	<4	2	<4	2	12.1	0.04	0.19	13.3	15.0	7.30	10	
28-Dec-25	50.0	<3	2	<4	2	<4	2	11.0	0.03	0.19	13.3	14.8	7.17	<10	
29-Dec-25	51.9	<3	2	<4	2	<4	2	3.5	0.03	0.19	13.3	14.4	7.23	10	
30-Dec-25	50.2	<3	2	<4	2	<4	2	13.5	0.07	0.19	13.3	14.9	7.12	<10	
31-Dec-25	52.0	<3	2	<4	2	<4	2	30.9	0.04	0.19	13.3	14.3	7.06	10	
Max:	58.2														
Min:	47.3														
Average:	52.5	<3		<4		<4		16.6	0.05			14.8	7.29		
Total Flow:	1,627.9														
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: January 29, 2026