



South End Water Pollution Control Centre  
Final Effluent Monitoring Report  
January 2026

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-Jan-26	47.9	<3	2	<4	2	<4	2	21.8	0.08	0.19	13.3	15.0	7.39	<10
02-Jan-26	51.1	<3	2	<4	2	<4	2	37.1	0.09	0.19	13.2	14.6	7.34	10
03-Jan-26	50.2	<3	2	<4	2	<4	2	32.7	0.08	0.19	13.2	14.5	7.31	<10
04-Jan-26	53.3	<3	2	<4	2	<4	2	42.0	0.04	0.19	13.1	14.5	7.29	<10
05-Jan-26	51.4	<3	2	<4	2	<4	2	19.5	0.03	0.19	13.0	15.0	7.31	<10
06-Jan-26	50.8	<3	2	<4	2	<4	2	13.3	0.04	0.19	12.9	15.3	7.31	10
07-Jan-26	52.4	<3	2	<4	2	<4	2	9.0	0.03	0.19	12.9	15.3	7.19	20
08-Jan-26	51.7	<3	2	<4	2	<4	2	5.4	0.04	0.18	12.9	15.7	7.26	<10
09-Jan-26	51.0	<3	2	<4	2	<4	2	6.8	0.03	0.19	12.9	15.4	7.24	10
10-Jan-26	52.7	<3	2	<4	2	<4	2	55.8	0.04	0.19	12.8	14.6	7.39	10
11-Jan-26	54.5	<3	2	<4	2	<4	2	86.1	0.04	0.18	12.8	14.3	7.24	20
12-Jan-26	54.8	<3	2	<4	2	<4	2	54.1	0.04	0.18	12.8	15.0	7.29	<10
13-Jan-26	54.4	<3	2	<4	2	<4	2	5.1	0.03	0.18	12.8	15.3	7.21	20
14-Jan-26	53.2	<3	2	<4	2	<4	2	14.1	0.03	0.18	12.8	14.8	7.32	30
15-Jan-26	52.1	<3	2	<4	2	<4	2	7.5	0.03	0.18	12.9	14.7	7.27	19,900
16-Jan-26	50.5	<3	2	<4	2	<4	2	15.5	0.04	0.18	12.9	14.7	7.23	10
17-Jan-26	52.6	ns	2	ns	2	ns	2	ns	ns	0.18	12.9	13.8	7.52	<10
18-Jan-26	53.7	<3	2	<4	2	<4	2	190.1	0.05	0.18	12.9	13.6	7.30	10
19-Jan-26	53.3	<3	2	<4	2	<4	2	164.7	0.03	0.18	13.0	14.0	7.26	20
20-Jan-26	51.9	3	2	<4	2	<4	2	110.1	0.04	0.18	13.0	14.2	7.19	10
21-Jan-26	50.6	4	2	7	2	<4	2	97.2	0.04	0.18	13.0	14.3	7.17	20
22-Jan-26	50.6	<3	2	<4	2	<4	2	109.2	0.07	0.18	13.0	13.5	7.37	<10
23-Jan-26	49.7	<3	2	<4	2	<4	2	119.3	0.06	0.18	13.0	13.7	7.28	10
24-Jan-26	51.9	<3	2	<4	2	<4	2	167.7	0.07	0.18	13.0	12.9	7.17	<10
25-Jan-26	53.8	<3	2	<4	2	<4	2	240.4	0.06	0.18	13.0	13.7	7.29	<10
26-Jan-26	52.9	3	2	4	2	<4	2	187.9	0.06	0.18	12.8	13.9	7.28	20
27-Jan-26	48.3	<3	2	<4	2	<4	2	73.9	0.06	0.18	12.7	14.1	7.29	20
28-Jan-26	48.2	<3	2	<4	2	<4	2	34.0	0.04	0.18	12.6	13.5	7.28	<10
29-Jan-26	48.2	<3	2	<4	2	<4	2	36.5	0.05	0.19	12.5	14.1	7.43	30
30-Jan-26	48.7	<3	2	<4	2	<4	2	34.3	0.05	0.19	12.4	13.8	7.33	10
31-Jan-26	49.6	4	2	<4	2	<4	2	69.5	0.06	0.19	12.4	13.5	7.43	10
<b>Max:</b>	54.8													
<b>Min:</b>	47.9													
<b>Average:</b>	<b>51.5</b>	<b>&lt;3</b>		<b>&lt;4</b>		<b>&lt;4</b>		<b>68.7</b>	<b>0.05</b>			<b>14.4</b>	<b>7.30</b>	
<b>Total Flow:</b>	1,596.0													
<b>Geo.Mean:</b>														<b>13</b>

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