



South End Water Pollution Control Centre
Final Effluent Monitoring Report
February 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-Feb-26	51.5	4	2	4	2	<4	2	100.5	0.08	0.19	12.3	13.8	7.18	20
02-Feb-26	49.4	3	2	<4	2	<4	2	41.7	0.06	0.20	12.2	14.3	7.17	20
03-Feb-26	48.3	<3	2	<4	2	<4	2	13.8	0.05	0.20	12.1	13.8	7.27	20
04-Feb-26	52.8	3	2	<4	2	<4	2	33.0	0.07	0.20	12.2	14.5	7.17	20
05-Feb-26	49.6	3	2	<4	2	<4	2	39.3	0.10	0.20	12.2	14.9	7.78	10
06-Feb-26	49.6	3	2	<4	2	<4	2	16.7	0.08	0.21	12.3	14.6	7.21	30
07-Feb-26	50.2	<3	2	<4	2	<4	2	38.8	0.06	0.21	12.3	14.4	7.41	20
08-Feb-26	51.8	3	2	<4	2	<4	2	67.4	0.06	0.21	12.3	14.4	7.18	<10
09-Feb-26	50.0	3	2	<4	2	<4	2	32.9	0.07	0.21	12.4	14.8	7.22	20
10-Feb-26	49.4	3	2	<4	2	<4	2	7.5	0.07	0.21	12.5	14.7	7.27	10
11-Feb-26	49.3	<3	2	<4	2	<4	2	4.3	0.06	0.21	12.6	14.6	7.18	10
12-Feb-26	48.4	3	2	<4	2	<4	2	10.5	0.06	0.22	12.7	14.6	7.15	30
13-Feb-26	50.2	<3	2	4	2	<4	2	7.5	0.05	0.22	12.7	14.6	7.14	20
14-Feb-26	50.4	<3	2	<4	2	<4	2	30.8	0.05	0.22	12.8	14.7	7.23	10
15-Feb-26	49.8	<3	2	<4	2	<4	2	20.9	0.04	0.22	12.9	14.5	7.25	10
16-Feb-26	51.7	3	2	<4	2	<4	2	49.7	0.04	0.22	13.0	14.9	7.19	10
17-Feb-26	48.6	3	2	<4	2	<4	2	19.3	0.05	0.22	12.9	14.6	7.17	30
18-Feb-26	49.0	<3	2	<4	2	<4	2	3.3	0.04	0.22	12.9	14.5	7.23	10
19-Feb-26	48.2	<3	2	<4	2	<4	2	4.4	0.06	0.22	12.9	14.6	7.11	10
20-Feb-26	50.1	ns	2	ns	2	ns	2	ns	ns	0.22	12.9	14.0	7.10	20
21-Feb-26	52.2	<3	2	<4	2	<4	2	59.0	0.04	0.22	13.0	13.7	7.20	<10
22-Feb-26	53.7	4	2	<4	2	<4	2	96.1	0.07	0.22	13.1	13.3	7.18	10
23-Feb-26	51.5	3	2	<4	2	<4	2	45.8	0.05	0.23	13.2	13.6	7.13	10
24-Feb-26	46.3	4	3	<4	2	<4	2	6.2	0.06	0.23	13.2	13.6	7.27	20
25-Feb-26	54.8	<3	2	<4	2	<4	2	12.4	0.06	0.23	13.3	13.9	7.15	40
26-Feb-26	50.3	3	3	<4	2	<4	2	5.1	0.09	0.23	13.5	14.1	7.08	<10
27-Feb-26	50.6	4	3	<4	2	<4	2	20.2	0.06	0.23	13.6	14.0	7.25	40
28-Feb-26	52.3	<3	3	<4	2	<4	2	41.3	0.03	0.23	13.8	13.6	7.18	<10
Max:	54.8													
Min:	46.3													
Average:	50.4	<3		<4		<4		30.7	0.06			14.3	7.22	
Total Flow:	1,410.0													
Geo.Mean:														14

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