



South End Water Pollution Control Centre
Final Effluent Monitoring Report
March 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-Mar-26	54.1	3	3	<4	2	<4	2	64.3	0.05	0.23	13.9	13.1	7.30	10
02-Mar-26	51.3	3	3	<4	2	<4	2	21.4	0.07	0.23	14.0	13.7	7.10	30
03-Mar-26	50.9	3	3	<4	2	<4	2	2.3	0.06	0.23	14.1	13.8	7.16	50
04-Mar-26	49.5	3	3	<4	2	<4	2	2.2	0.05	0.23	14.2	13.9	7.15	40
05-Mar-26	47.5	<3	3	<4	2	<4	2	1.5	0.05	0.23	14.3	13.7	7.09	20
06-Mar-26	47.2	<3	3	<4	2	<4	2	2.0	0.05	0.23	14.3	13.7	7.18	30
07-Mar-26	48.5	<3	3	<4	2	<4	2	12.1	0.05	0.23	14.4	13.7	7.41	<10
08-Mar-26	54.9	<3	2	<4	2	<4	2	40.0	0.05	0.23	14.3	14.1	7.20	<10
09-Mar-26	54.9	<3	2	<4	2	<4	2	11.2	0.05	0.23	14.3	13.9	7.12	20
10-Mar-26	48.4	<3	2	<4	2	<4	2	7.3	0.04	0.23	14.3	14.0	7.18	10
11-Mar-26	48.6	<3	2	<4	2	<4	2	1.8	0.04	0.23	14.4	13.6	7.10	30
12-Mar-26	49.6	<3	2	<4	2	<4	2	6.5	0.07	0.23	14.3	13.8	7.19	20
13-Mar-26	48.1	<3	2	<4	2	<4	2	1.4	0.03	0.23	14.2	13.6	7.15	80
14-Mar-26	49.1	<3	2	<4	2	<4	2	1.6	0.04	0.22	14.1	13.4	7.19	10
15-Mar-26	51.0	<3	2	<4	2	<4	2	3.2	0.03	0.22	14.0	13.1	7.22	20
16-Mar-26	49.4	<3	2	<4	2	<4	2	1.7	0.03	0.22	13.9	13.4	7.05	20
17-Mar-26	47.2	<3	2	<4	2	<4	2	1.4	0.03	0.22	13.8	13.4	7.28	<10
18-Mar-26	49.1	<3	2	nr	2	nr	2	1.8	0.03	0.22	13.9	13.7	7.12	10
19-Mar-26	53.5	<3	2	<4	2	<4	2	2.1	0.04	0.22	13.9	13.8	7.16	<10
20-Mar-26	71.5	<3	2	<4	2	<4	2	133.7	0.06	0.22	14.0	14.3	7.16	<10
21-Mar-26	79.2	<3	2	<4	2	<4	2	30.0	0.04	0.22	14.0	13.7	7.17	10
22-Mar-26	62.1	<3	2	<4	2	<4	2	21.1	0.04	0.22	14.0	12.7	7.22	30
23-Mar-26	55.1	<3	2	<4	2	<4	2	4.0	0.04	0.22	14.0	12.7	7.17	30
24-Mar-26	57.5	<3	2	<4	2	<4	2	2.9	0.04	0.21	14.0	12.4	7.19	<10
25-Mar-26	52.5	<3	2	<4	2	<4	2	2.3	0.04	0.21	14.1	13.5	7.30	10
26-Mar-26	53.3	<3	2	<4	2	<4	2	0.7	0.03	0.21	14.2	13.0	7.23	<10
27-Mar-26	54.1	<3	2	<4	2	<4	2	1.7	0.03	0.20	14.4	13.1	7.16	<10
28-Mar-26	62.4	<3	2	<4	2	<4	2	70.5	0.03	0.20	14.4	13.3	7.28	<10
29-Mar-26	75.5	<3	2	<4	2	<4	2	127.6	0.06	0.19	14.4	13.3	7.18	20
30-Mar-26	65.2	<3	2	<4	2	<4	2	12.4	0.03	0.19	14.4	12.4	7.23	20
31-Mar-26	62.4	<3	2	<4	2	<4	2	2.7	0.04	0.19	14.4	12.4	7.10	40
Max:	79.2													
Min:	47.2													
Average:	55.0	<3		<4		<4		19.2	0.04			13.4	7.19	
Total Flow:	1,703.6													
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