



South End Water Pollution Control Centre
Final Effluent Monitoring Report
July 2025

Licence # 2716RR	File # 1069.1	24 Hour Composite										Grab Sample		
Date	Raw Sewage Daily Flow ML	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-Jul-25	55.4	3	2	4	2	<4	2	221.8	0.05	0.70	12.5	18.5	7.31	30
02-Jul-25	57.0	<3	2	4	2	<4	2	127.6	0.04	0.69	12.5	18.4	7.23	30
03-Jul-25	55.5	<3	2	<4	2	<4	2	23.2	0.04	0.69	12.4	18.5	7.11	<10
04-Jul-25	56.0	<3	2	<4	2	<4	2	9.0	0.04	0.69	12.3	18.8	7.01	10
05-Jul-25	51.3	3	2	<4	2	<4	2	8.7	0.03	0.67	12.1	18.9	7.19	<10
06-Jul-25	52.7	<3	2	nr	2	<4	2	41.0	0.03	0.66	12.0	18.5	7.28	20
07-Jul-25	59.4	<3	2	<4	2	<4	2	66.6	0.03	0.59	11.8	18.4	7.07	10
08-Jul-25	55.4	<3	2	<4	2	<4	2	20.8	0.02	0.50	11.7	18.4	7.08	<10
09-Jul-25	55.7	<3	2	<4	2	<4	2	53.6	0.10	0.46	11.7	18.6	7.16	<10
10-Jul-25	59.8	<3	2	<4	2	<4	2	11.4	0.03	0.36	11.6	19.9	7.15	20
11-Jul-25	54.6	<3	2	<4	2	<4	2	2.2	<0.02	0.32	11.4	19.0	7.06	<10
12-Jul-25	52.6	<3	2	<4	2	<4	2	6.8	<0.02	0.30	11.2	19.0	7.29	10
13-Jul-25	53.5	<3	2	<4	2	<4	2	5.2	<0.02	0.29	10.9	19.0	7.42	10
14-Jul-25	60.4	<3	2	<4	2	<4	2	5.4	<0.02	0.25	10.7	18.9	7.29	10
15-Jul-25	51.7	<3	2	<4	2	<4	2	0.8	<0.02	0.23	10.7	19.0	7.32	<10
16-Jul-25	52.3	<3	2	<4	2	<4	2	0.9	<0.02	0.22	10.6	18.8	7.22	10
17-Jul-25	51.3	<3	2	<4	2	<4	2	2.5	<0.02	0.21	10.6	18.7	7.26	20
18-Jul-25	52.1	<3	2	<4	2	<4	2	2.0	0.02	0.20	10.6	18.5	7.39	<10
19-Jul-25	49.7	<3	2	<4	2	<4	2	1.5	0.02	0.19	10.7	18.8	7.37	<10
20-Jul-25	50.8	<3	2	<4	2	<4	2	4.1	<0.02	0.19	10.7	18.8	7.32	<10
21-Jul-25	59.6	<3	2	<4	2	<4	2	1.0	<0.02	0.19	10.7	18.9	7.17	<10
22-Jul-25	56.0	<3	2	<4	2	<4	2	1.0	<0.02	0.16	10.7	18.8	7.24	10
23-Jul-25	52.8	<3	2	19	3	5	2	1.7	0.02	0.14	10.7	19.3	7.34	10
24-Jul-25	53.6	<3	2	<4	3	<4	2	1.3	0.03	0.14	10.7	19.2	7.21	<10
25-Jul-25	54.1	<3	2	<4	3	<4	2	2.6	0.03	0.13	10.8	na	7.44	20
26-Jul-25	52.5	na	2	na	3	na	2	na	na	0.13	10.8	19.8	7.26	250
27-Jul-25	64.6	<3	2	<4	3	<4	2	49.1	0.05	0.13	10.7	19.7	7.46	70
28-Jul-25	62.4	<3	2	<4	3	<4	2	4.5	0.02	0.13	10.7	20.9	7.26	30
29-Jul-25	52.7	<3	2	<4	3	<4	2	1.1	<0.02	0.13	10.6	19.5	7.29	<10
30-Jul-25	53.1	na	2	na	3	na	2	na	na	0.13	10.6	18.8	7.26	<10
31-Jul-25	51.8	nr	2	<4	3	<4	2	2.6	0.03	0.13	10.6	19.2	7.32	<10
Max:	64.6													
Min:	49.7													
Average:	54.9	<3		<4		<4		23.4	0.03			19.0	7.25	
Total Flow:	1,700.4													
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: August 27, 2025