



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

Licence # 2716RR	File # 1069.1	24 Hour Composite										Grab Sample		
Date	Raw Sewage Daily Flow	TSS		BOD5		cBOD5		Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	E.Coli
	ML	(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-Jun-25	58.4	<3	2	<4	4	<4	2	16.3	0.14	0.46	12.7	17.0	7.38	<10
02-Jun-25	61.7	<3	2	<4	4	<4	2	10.2	0.31	0.43	12.6	17.1	7.22	<10
03-Jun-25	56.0	<3	2	<4	4	<4	2	3.7	0.14	0.38	12.5	17.0	7.32	<10
04-Jun-25	55.7	<3	2	<4	3	<4	2	1.2	0.13	0.29	12.4	17.1	7.25	<10
05-Jun-25	55.6	<3	2	<4	3	<4	2	2.4	0.32	0.25	12.2	16.8	7.22	20
06-Jun-25	55.4	<3	2	<4	3	<4	2	3.2	0.32	0.21	12.0	17.0	7.22	<10
07-Jun-25	65.9	<3	2	<4	3	<4	2	40.7	1.84	0.25	11.9	17.3	7.30	<10
08-Jun-25	84.4	<3	2	<4	2	<4	2	138.5	2.45	0.34	11.8	17.0	7.26	<10
09-Jun-25	64.3	<3	2	<4	2	<4	2	10.0	1.22	0.38	11.7	16.1	7.28	10
10-Jun-25	59.8	<3	2	<4	2	<4	2	113.1	2.71	0.47	11.7	17.0	7.30	<10
11-Jun-25	58.1	<3	2	<4	2	<4	2	35.4	1.18	0.50	11.8	16.9	7.31	<10
12-Jun-25	57.5	<3	2	<4	2	<4	2	2.9	0.66	0.52	12.0	16.8	7.36	<10
13-Jun-25	56.5	<3	2	<4	2	<4	2	1.9	0.36	0.53	12.1	17.2	7.56	<10
14-Jun-25	55.1	<3	2	<4	2	<4	2	4.6	0.98	0.56	12.2	17.3	7.26	10
15-Jun-25	57.1	<3	2	<4	2	<4	2	3.5	0.75	0.59	12.3	17.6	7.30	10
16-Jun-25	56.7	<3	2	<4	2	<4	2	1.6	0.30	0.59	12.4	17.4	7.30	20
17-Jun-25	55.2	<3	2	<4	2	<4	2	3.1	0.28	0.60	12.5	18.0	7.29	<10
18-Jun-25	55.1	<3	2	<4	2	<4	2	8.1	0.34	0.61	12.4	18.0	7.20	<10
19-Jun-25	54.9	<3	2	<4	2	<4	2	17.8	0.37	0.62	12.4	18.3	7.36	10
20-Jun-25	55.5	<3	2	<4	2	<4	2	31.6	0.17	0.63	12.3	18.2	7.31	230
21-Jun-25	54.9	<3	2	<4	2	<4	2	59.9	0.07	0.63	12.2	18.4	7.31	10
22-Jun-25	60.8	3	2	<4	2	<4	2	172.6	0.83	0.66	12.2	18.1	7.39	100
23-Jun-25	63.5	<3	2	<4	2	<4	2	315.2	0.43	0.67	12.2	17.8	7.29	60
24-Jun-25	54.5	3	2	<4	2	<4	2	208.0	0.16	0.67	12.3	17.9	7.24	30
25-Jun-25	53.2	<3	2	nr	2	nr	2	196.4	0.07	0.68	12.3	17.1	7.19	4,110
26-Jun-25	54.8	<3	2	<4	2	<4	2	186.5	0.04	0.68	12.3	18.4	7.24	30
27-Jun-25	54.0	3	2	7	2	4	2	201.0	0.08	0.68	12.3	18.0	7.15	30
28-Jun-25	52.5	<3	2	4	2	<4	2	173.3	0.08	0.68	12.3	18.4	7.16	30
29-Jun-25	51.6	<3	2	4	2	<4	2	144.3	0.04	0.68	12.4	18.5	7.20	<10
30-Jun-25	52.1	ns	2	ns	2	ns	2	ns	ns	0.70	12.5	18.2	7.20	10
Max:	84.4													
Min:	51.6													
Average:	57.7	<3		<4		<4		72.7	0.58			17.5	7.28	
Total Flow:	1,730.8													
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

Report Date: July 25, 2025