



Water and Waste
Eaux et déchets

South End Water Pollution Control Centre
Final Effluent Monitoring Report
February 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-Feb-25	50.8	<3	2	<4	2	<4	2	59.5	0.06	0.19	12.5	13.9	7.09	10
02-Feb-25	51.8	6	2	4	2	<4	2	68.9	0.08	0.19	12.5	14.1	7.13	<10
03-Feb-25	50.8	3	2	<4	2	<4	2	32.9	0.13	0.20	12.5	14.2	7.08	10
04-Feb-25	51.0	<3	2	<4	2	<4	2	35.7	0.08	0.20	12.6	13.3	7.13	20
05-Feb-25	52.2	3	2	<4	2	<4	2	44.1	0.09	0.20	12.7	13.0	7.09	90
06-Feb-25	49.4	3	2	<4	2	<4	2	40.8	0.09	0.21	12.7	14.0	7.15	<10
07-Feb-25	49.3	<3	2	<4	2	<4	2	26.4	0.06	0.21	12.7	12.6	7.09	<10
08-Feb-25	50.4	<3	2	<4	2	<4	2	48.7	0.06	0.21	12.7	13.9	7.22	<10
09-Feb-25	52.4	3	2	4	2	<4	2	94.8	0.12	0.21	12.7	13.6	7.21	<10
10-Feb-25	57.2	4	2	4	2	<4	2	110.4	0.14	0.22	12.6	13.9	7.16	<10
11-Feb-25	48.9	4	2	5	2	<4	2	72.8	0.13	0.22	12.6	13.9	7.10	10
12-Feb-25	49.5	<3	2	<4	2	<4	2	93.1	0.10	0.22	12.6	13.6	7.08	<10
13-Feb-25	48.9	<3	2	<4	2	<4	2	118.9	0.08	0.22	12.6	13.6	7.00	<10
14-Feb-25	48.8	<3	2	<4	2	<4	2	102.1	0.08	0.22	12.4	13.5	7.08	<10
15-Feb-25	49.8	<3	2	<4	2	<4	2	143.3	0.14	0.23	12.3	13.3	7.25	10
16-Feb-25	48.7	3	2	<4	2	<4	2	143.2	0.15	0.23	12.2	13.2	7.23	<10
17-Feb-25	50.7	<3	2	nr	2	nr	2	157.7	0.16	0.23	12.2	12.7	7.38	<10
18-Feb-25	48.6	3	2	nr	2	nr	2	135.1	0.23	0.24	12.2	13.4	7.05	10
19-Feb-25	48.2	3	2	nr	2	nr	2	121.5	0.15	0.24	12.1	13.5	7.05	10
20-Feb-25	48.0	5	3	5	2	<4	2	142.1	0.15	0.25	12.1	13.5	7.09	180
21-Feb-25	49.5	4	3	4	3	<4	2	186.6	0.18	0.25	12.1	13.4	7.12	50
22-Feb-25	49.5	13	3	6	3	<4	2	169.2	0.17	0.27	12.1	14.1	7.26	<10
23-Feb-25	52.7	68	5	19	3	11	2	169.1	0.08	0.37	12.1	14.2	7.37	<10
24-Feb-25	56.2	54	7	16	4	8	3	164.0	0.08	0.45	11.9	14.8	7.26	30
25-Feb-25	59.1	5	7	6	4	<4	3	177.2	0.43	0.46	11.9	14.6	7.17	20
26-Feb-25	52.5	3	7	4	4	<4	3	122.4	0.47	0.48	11.8	14.4	7.02	10
27-Feb-25	51.0	5	7	5	4	<4	3	119.3	0.25	0.49	11.8	14.3	7.25	10
28-Feb-25	50.8	3	7	4	4	<4	3	104.7	0.13	0.49	11.7	14.0	7.05	200
Max:	59.1													
Min:	48.0													
Average:	51.0	7		4		<4		107.3	0.15			13.7	7.15	
Total Flow:	1,426.7													
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: March 28, 2025