



South End Water Pollution Control Centre Monitoring Data
February 01, 2024 to February 29, 2024

Licence # 2716RR	File # 1069.1	Final Effluent 24 Hour Composite										Final Effluent 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-24	47.88	3	3	<4	2	<4	2	11.8	0.03	0.38	14.0	14.9	6.99	500
02-Feb-24	49.19	<3	3	<4	2	<4	2	23.6	0.02	0.38	14.2	14.7	7.05	430
03-Feb-24	49.77	3	3	<4	2	<4	2	53.8	0.06	0.38	14.4	14.6	6.93	90
04-Feb-24	54.32	<3	3	<4	2	<4	2	82.6	0.12	0.38	14.5	14.9	6.90	1,130
05-Feb-24	54.34	<3	3	<4	2	<4	2	32.1	0.04	0.38	14.7	14.8	7.07	990
06-Feb-24	56.71	<3	3	<4	2	<4	2	18.0	0.02	0.36	14.8	14.7	6.93	750
07-Feb-24	53.78	<3	3	<4	2	<4	2	29.2	<0.02	0.35	15.0	14.3	6.90	590
08-Feb-24	50.71	<3	3	<4	2	<4	2	1.7	<0.02	0.35	15.1	14.0	6.86	390
09-Feb-24	32.26	<3	3	<4	2	<4	2	3.9	0.07	0.34	15.2	12.1	7.10	450
10-Feb-24	31.34	<3	2	<4	2	<4	2	4.4	0.60	0.36	15.2	12.3	7.06	600
11-Feb-24	31.98	<3	2	<4	2	<4	2	0.2	1.88	0.43	15.2	12.8	7.05	1,040
12-Feb-24	26.74	4	2	7	2	5	2	28.1	2.88	0.52	15.2	13.3	7.15	910
13-Feb-24	33.74	7	2	>12	3	12	2	110.0	>4.00	0.66	15.2	13.4	6.41	>24,200
14-Feb-24	31.51	<3	2	<4	3	<4	2	0.8	5.61	0.88	15.2	13.3	7.27	10
15-Feb-24	34.77	<3	2	<4	3	<4	2	1.7	5.47	1.09	15.2	13.1	7.09	20
16-Feb-24	46.72	4	3	<4	3	<4	2	8.0	3.94	1.26	15.3	12.8	7.03	20
17-Feb-24	46.76	3	3	<4	3	<4	2	17.3	2.44	1.35	15.3	12.9	6.66	10
18-Feb-24	47.50	4	3	<4	3	<4	2	16.5	0.94	1.38	15.3	13.1	6.66	20
19-Feb-24	47.49	4	3	<4	3	<4	2	17.8	0.16	1.38	15.3	13.0	6.63	<10
20-Feb-24	46.18	4	3	<4	3	<4	2	4.3	0.05	1.36	15.2	13.7	6.71	<10
21-Feb-24	53.91	<3	3	<4	3	<4	2	19.0	0.03	1.36	15.3	13.9	6.72	<10
22-Feb-24	52.21	<3	3	<4	3	<4	2	4.1	0.06	1.35	15.3	13.8	6.68	10
23-Feb-24	49.15	<3	3	<4	3	<4	2	4.1	0.04	1.35	15.4	13.8	6.79	10
24-Feb-24	51.55	<3	3	<4	3	<4	2	6.8	0.05	1.35	15.4	13.5	6.94	10
25-Feb-24	51.59	<3	3	<4	3	<4	2	4.8	0.02	1.34	15.3	13.7	6.91	<10
26-Feb-24	48.93	<3	2	<4	3	<4	2	4.3	0.16	1.34	15.3	14.1	6.94	10
27-Feb-24	47.85	<3	2	<4	3	<4	2	2.7	0.03	1.33	15.4	13.5	6.96	24,200
28-Feb-24	42.90	4	2	<4	3	<4	2	18.5	0.05	1.33	15.4	13.1	6.86	20
29-Feb-24	54.56	<3	2	<4	3	<4	2	10.1	0.05	1.33	15.4	13.2	6.80	40
Max:	56.71													
Min:	26.74													
Average:	45.74	<3		<4		<4		18.6	0.99			13.6	6.90	
Total Flow:	1,326.34													
Geo.Mean:														95

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, 2024