



South End Water Pollution Control Centre Monitoring Data
March 01, 2024 to March 31, 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-Mar-24	50.06	<3	2	<4	3	<4	2	25.8	0.02	1.33	15.6	13.4	6.79	120
02-Mar-24	48.90	3	2	<4	3	<4	2	57.2	<0.02	1.32	15.6	13.4	6.86	740
03-Mar-24	51.08	<3	2	<4	3	<4	2	173.2	0.04	1.32	15.6	13.8	6.89	300
04-Mar-24	44.75	3	2	<4	3	<4	2	81.9	<0.02	1.32	15.5	13.2	7.00	40
05-Mar-24	57.51	12	3	>23	3	16	3	286.4	0.02	1.33	15.4	13.7	6.50	>24,200
06-Mar-24	49.08	4	3	<4	3	<4	3	<0.1	<0.02	1.33	15.4	13.4	7.06	60
07-Mar-24	48.59	3	3	<4	3	<4	3	<0.1	<0.02	1.33	15.3	13.3	6.99	120
08-Mar-24	49.72	3	3	<4	3	<4	3	<0.1	<0.02	1.33	15.2	13.7	6.94	<10
09-Mar-24	50.27	4	3	<4	3	<4	3	<0.1	<0.02	1.32	15.2	13.4	7.11	10
10-Mar-24	55.50	4	3	<4	3	<4	3	15.9	<0.02	1.32	15.1	11.3	6.86	<10
11-Mar-24	72.88	4	3	<4	3	<4	3	79.4	0.17	1.30	15.1	13.4	6.87	<10
12-Mar-24	60.91	4	3	<4	3	<4	3	12.2	0.04	1.22	14.9	13.1	6.89	<10
13-Mar-24	63.50	3	3	<4	3	<4	3	50.5	<0.02	1.10	15.0	13.4	6.98	<10
14-Mar-24	64.10	3	3	<4	3	<4	2	26.7	0.03	0.93	14.9	13.3	7.08	<10
15-Mar-24	60.95	3	3	<4	3	<4	2	36.6	0.02	0.70	14.8	13.0	6.82	<10
16-Mar-24	54.93	<3	3	<4	3	<4	2	36.6	<0.02	0.48	14.6	13.0	6.94	<10
17-Mar-24	53.72	<3	3	<4	3	<4	2	55.9	0.02	0.31	14.4	12.7	6.99	<10
18-Mar-24	53.51	4	3	<4	3	<4	2	40.5	0.05	0.21	14.2	13.0	7.09	<10
19-Mar-24	50.84	<3	3	<4	3	<4	2	24.1	0.05	0.16	14.0	13.6	7.00	10
20-Mar-24	46.13	5	3	11	3	8	3	133.3	0.03	0.16	13.9	13.3	7.03	<10
21-Mar-24	61.09	72	5	>22	4	>22	3	873.6	<0.02	0.21	14.5	13.2	6.82	>24,200
22-Mar-24	51.07	5	5	<4	4	<4	3	19.4	0.09	0.21	14.3	13.4	7.01	720
23-Mar-24	51.52	4	5	<4	4	<4	3	48.2	0.08	0.21	14.3	13.3	6.87	240
24-Mar-24	51.85	4	6	<4	4	<4	3	70.0	0.09	0.21	14.1	13.2	6.97	40
25-Mar-24	51.68	3	6	<4	4	<4	3	76.0	0.06	0.22	14.0	13.3	7.04	80
26-Mar-24	49.70	<3	6	<4	4	<4	3	89.0	0.03	0.22	13.8	13.2	7.03	30
27-Mar-24	49.16	3	6	<4	4	<4	3	96.4	0.03	0.21	13.6	13.3	6.99	20
28-Mar-24	50.24	3	6	<4	4	<4	3	113.0	0.03	0.22	13.5	13.5	6.90	20
29-Mar-24	49.26	<3	6	4	4	<4	3	122.2	<0.02	0.21	13.3	13.5	6.98	<10
30-Mar-24	50.73	<3	6	<4	4	<4	3	153.7	0.07	0.22	13.1	13.7	6.99	30
31-Mar-24	53.04	<3	6	4	4	<4	3	175.0	0.04	0.21	12.9	13.8	6.90	10
Max:	72.88													
Min:	44.75													
Average:	53.43	5		<4		<4		95.9	0.04			13.3	6.94	
Total Flow:	1,656.27													
Geo. Mean:														34

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