



North End Water Pollution Control Centre
Final Effluent Monitoring Report
May 2024

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample				
		TSS (mg/L)	BOD5 (mg/L)	cBOD5 (mg/L)	Ammonia (kg NH3-N/day)	Ortho Phosphorus (mg/L-P)	Total Phosphorus (mg/L-P)*	Total Nitrogen (mg/L-N)*	Temp. (°C)	pH (units)	Fecal Coliform MPN/100 mL		E.Coli
	Raw Sewage Daily Flow ML												
01-May-24	199.8	12	24	6	7,552	2.95	2.78	36.6	14.1	6.92	30	10	
02-May-24	354.2	54	45	21	7,899	2.00	2.79	36.6	14.3	6.83	20	40	
03-May-24	403.3	28	29	8	5,808	1.02	2.74	35.9	12.3	7.15	1,500	1,230	
04-May-24	264.5	16	28	6	4,840	1.65	2.71	35.6	12.8	7.01	70	100	
05-May-24	235.4	13	24	6	4,826	1.96	2.69	35.3	13.4	6.95	40	60	
06-May-24	223.8	12	32	6	4,946	2.23	2.69	35.1	13.6	7.03	10	10	
07-May-24	243.7	11	48	7	5,898	2.35	2.68	34.9	13.9	6.98	10	<10	
08-May-24	208.6	13	25	6	5,549	2.02	2.66	34.9	14.3	7.01	<10	10	
09-May-24	195.2	16	28	11	5,700	3.52	2.65	34.9	14.7	7.00	20	30	
10-May-24	271.4	16	27	7	5,835	1.73	2.62	34.6	13.9	6.96	370	460	
11-May-24	193.4	13	19	6	4,796	2.08	2.58	34.5	14.7	6.91	40	10	
12-May-24	180.0	14	23	7	4,644	2.52	2.54	34.0	14.7	6.98	60	20	
13-May-24	175.7	13	17	6	4,638	2.93	2.51	33.8	14.4	6.95	30	10	
14-May-24	352.4	64	66	27	6,378	1.91	2.48	33.3	14.0	6.96	>24,200	>24,200	
15-May-24	277.5	15	17	6	5,273	1.39	2.40	33.0	13.7	7.07	410	370	
16-May-24	308.7	34	28	16	5,495	1.40	2.38	33.1	14.4	7.09	300	360	
17-May-24	482.6	17	22	12	5,502	0.90	2.37	33.0	13.5	7.09	>24,200	>24,200	
18-May-24	486.4	39	26	16	nr	nr	2.37	32.6	14.0	7.27	>24,200	>24,200	
19-May-24	369.9	21	14	5	3,681	1.00	2.35	32.1	13.4	7.24	360	390	
20-May-24	271.4	9	8	4	3,827	1.46	2.34	31.7	13.5	7.21	150	80	
21-May-24	247.4	10	9	4	4,750	1.69	2.32	31.3	13.6	7.19	110	110	
22-May-24	232.8	9	11	5	5,680	1.61	2.30	31.1	14.3	7.16	50	90	
23-May-24	214.9	15	nr	nr	5,759	1.66	2.29	30.8	14.5	7.06	50	80	
24-May-24	534.8	33	56	35	8,503	0.89	2.25	29.9	12.0	7.05	>24,200	>24,200	
25-May-24	583.7	30	27	18	4,687	0.68	2.20	29.2	12.0	7.48	>24,200	24,200	
26-May-24	408.4	16	14	8	4,411	0.98	2.15	28.9	12.8	7.40	>24,200	>24,200	
27-May-24	354.8	19	13	4	4,683	1.27	2.17	28.9	14.3	7.33	1,220	1,110	
28-May-24	314.0	12	13	<4	5,244	1.28	2.15	28.8	14.3	7.21	40	80	
29-May-24	294.2	11	23	<4	5,384	1.36	2.12	28.6	15.1	7.25	20	60	
30-May-24	431.1	54	54	23	5,906	1.11	2.09	28.1	15.2	7.22	>24,200	>24,200	
31-May-24	317.9	13	nr	nr	5,341	1.31	2.02	27.2	15.1	7.10	110	140	
Max:	583.7												
Min:	175.7												
Average:	310.7	21	27	10	5,448	1.70			13.9	7.10			
Total Flow:	9,631.9												
Geo.Mean:											259	257	

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) Raw wastewater flows in excess of 400 ML/D will by-pass the secondary process and flows in excess of 675 ML/D will cause raw sewage to by-pass the
- (4) Where value is expressed as less than (<), the value is halved and used in the calculations
- (5) * = 30 day rolling average