



North End Water Pollution Control Centre Monitoring Data
December 01, 2022 to December 31, 2022

Licence # 2684 RRR	File # 1071.1	Final Effluent 24 Hour Composite							Final Effluent 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 MPN/100 mL
01-Dec-22	136.7	17	10	6	3,992	3.30	4.23	36.4	15.6	6.77	860	780
02-Dec-22	132.4	28	19	11	4,144	4.04	4.27	36.4	15.4	6.96	1,550	1,990
03-Dec-22	131.7	21	12	7	4,254	1.84	4.26	36.3	14.4	6.80	8,160	13,000
04-Dec-22	136.7	10	7	4	4,470	1.52	4.25	36.2	14.9	6.70	280	460
05-Dec-22	133.5	14	7	5	3,978	0.99	4.20	36.2	14.6	6.64	150	170
06-Dec-22	136.7	16	6	<4	4,470	0.87	4.13	36.1	13.4	6.82	110	170
07-Dec-22	139.9	16	8	4	4,869	1.47	4.08	36.1	13.1	6.82	110	190
08-Dec-22	139.0	17	7	<4	4,782	1.35	4.02	36.0	14.5	6.72	30	60
09-Dec-22	139.4	20	6	<4	5,060	1.29	3.99	36.2	14.4	6.78	20	20
10-Dec-22	137.4	21	10	4	5,001	1.31	3.93	36.2	15.5	6.70	10	20
11-Dec-22	140.2	12	12	4	4,991	1.20	3.86	36.3	15.4	6.77	10	40
12-Dec-22	135.9	11	8	<4	4,920	0.74	3.84	36.6	15.4	6.74	10	40
13-Dec-22	133.6	10	9	5	4,916	0.71	3.73	36.9	15.5	6.73	220	410
14-Dec-22	139.6	11	9	4	5,193	0.95	3.63	37.1	15.2	6.68	530	450
15-Dec-22	140.8	12	12	6	4,970	0.78	3.54	37.3	15.5	6.79	80	60
16-Dec-22	138.6	31	9	5	5,114	0.55	3.43	37.8	14.7	6.78	30	60
17-Dec-22	130.8	12	9	4	4,774	0.51	3.30	38.3	15.0	6.75	150	160
18-Dec-22	130.8	12	11	4	4,879	0.44	3.18	38.8	13.8	6.85	260	540
19-Dec-22	135.7	13	8	<4	4,844	0.42	3.05	39.2	14.8	6.71	100	120
20-Dec-22	138.7	11	11	6	4,979	0.48	2.93	39.7	13.3	6.71	20	50
21-Dec-22	139.4	10	11	5	5,297	0.54	2.82	40.2	13.5	6.74	90	90
22-Dec-22	138.2	13	10	6	5,625	1.20	2.73	40.7	13.1	6.76	430	540
23-Dec-22	141.6	15	13	6	5,466	1.32	2.65	41.3	11.9	6.80	120	100
24-Dec-22	137.8	13	11	7	na	na	2.55	41.8	13.3	7.15	1,270	1,150
25-Dec-22	127.2	12	12	7	4,172	0.67	2.43	42.3	13.2	6.84	210	200
26-Dec-22	124.2	16	13	7	4,434	0.61	2.31	42.8	13.4	6.83	60	60
27-Dec-22	127.6	17	12	9	5,040	0.67	2.21	43.5	13.7	6.80	<10	20
28-Dec-22	132.4	15	13	11	5,706	0.81	2.09	43.9	14.5	6.77	20	30
29-Dec-22	134.0	15	14	9	5,333	0.74	1.96	44.2	14.4	6.84	90	130
30-Dec-22	132.0	15	15	11	5,306	0.84	1.84	44.2	13.5	6.82	30	30
31-Dec-22	130.0	12	16	11	4,693	0.92	1.74	44.6	14.2	6.80	20	30
Max:	141.6											
Min:	124.2											
Average:	135.2	15	11	6	4,856	1.10			14.3	6.79		
Total Flow:	4,192.5											
Geo.Mean:											96	140

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
- (5) 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 plant