



North End Water Pollution Control Centre Monitoring Data  
March 01, 2023 to March 31, 2023

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 <10
01-Mar-23	127.4	13	16	5	4,879	0.53	1.57	49.5	13.1	6.83	20	<10
02-Mar-23	130.8	13	17	6	4,944	0.61	1.53	49.4	12.9	6.89	<10	<10
03-Mar-23	131.7	14	21	5	5,571	0.63	1.48	49.4	13.9	6.81	20	30
04-Mar-23	136.5	14	18	6	5,624	0.55	1.44	49.0	13.9	6.77	<10	<10
05-Mar-23	136.5	13	23	6	5,283	0.43	1.41	48.8	13.4	6.82	10	<10
06-Mar-23	130.4	14	21	6	5,177	0.35	1.39	48.8	13.8	6.86	20	<10
07-Mar-23	130.7	14	19	7	5,254	0.56	1.38	48.6	13.0	6.83	<10	30
08-Mar-23	130.2	14	nr	nr	5,338	0.64	1.38	48.6	13.6	6.78	20	60
09-Mar-23	134.2	15	21	6	5,623	0.82	1.37	48.6	13.6	6.77	<10	<10
10-Mar-23	137.0	16	21	6	5,644	0.65	1.36	48.9	14.2	6.76	<10	10
11-Mar-23	131.5	10	22	7	5,286	0.60	1.32	48.9	13.5	6.85	20	40
12-Mar-23	125.3	14	nr	nr	5,100	0.56	1.32	48.8	13.4	6.76	40	40
13-Mar-23	136.6	17	nr	nr	5,382	0.51	1.32	48.8	14.2	6.76	640	520
14-Mar-23	141.4	18	nr	nr	5,515	0.48	1.32	48.7	13.5	6.86	710	610
15-Mar-23	142.3	17	nr	nr	5,208	0.67	1.32	48.6	13.9	6.81	90	130
16-Mar-23	136.5	15	25	7	5,351	0.68	1.31	48.5	13.9	6.80	40	90
17-Mar-23	133.2	16	27	6	5,275	0.58	1.31	48.5	13.9	6.91	30	40
18-Mar-23	131.0	15	30	6	5,109	0.73	1.33	48.4	13.2	6.80	40	50
19-Mar-23	137.0	17	30	7	5,220	0.69	1.33	48.3	13.2	6.84	60	30
20-Mar-23	134.5	15	nr	7	4,869	0.49	1.30	48.2	13.5	6.76	20	30
21-Mar-23	145.6	17	38	7	5,809	0.56	1.27	48.4	13.6	6.82	50	50
22-Mar-23	149.8	17	28	7	6,067	0.50	1.24	48.6	13.6	6.80	40	30
23-Mar-23	144.9	14	25	5	5,477	0.32	1.21	48.6	13.5	6.78	40	100
24-Mar-23	161.0	15	30	7	5,571	0.53	1.19	48.7	13.5	6.77	20	10
25-Mar-23	181.3	16	28	7	5,421	0.49	1.18	48.3	11.9	6.86	30	10
26-Mar-23	168.2	13	24	5	5,046	0.48	1.16	48.0	12.1	6.86	60	90
27-Mar-23	146.7	11	21	6	4,680	0.44	1.13	47.5	12.5	6.80	600	570
28-Mar-23	137.8	9	26	5	5,181	0.58	1.12	47.3	12.8	6.78	60	60
29-Mar-23	145.3	12	26	6	5,434	0.59	1.10	47.3	13.2	6.86	1,090	1,020
30-Mar-23	158.4	13	22	6	6,146	0.59	1.08	47.3	13.5	6.79	60	100
31-Mar-23	169.0	31	25	7	5,560	0.63	1.09	47.2	13.0	6.83	80	100
<b>Max:</b>	181.3											
<b>Min:</b>	125.3											
<b>Average:</b>	<b>141.4</b>	<b>15</b>	<b>24</b>	<b>6</b>	<b>5,356</b>	<b>0.56</b>			<b>13.4</b>	<b>6.81</b>		
<b>Total Flow:</b>	4,382.7											
<b>Geo.Mean:</b>											<b>37</b>	<b>40</b>

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