



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

Licence # 2684 RRR	File # 1071.1	Final Effluent 24 Hour Composite							Final Effluent Grab Sample			
		TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
01-Oct-23	145.9	21	22	9	4,435	3.73	4.19	40.8	20.8	6.67	10	20
02-Oct-23	148.5	10	22	9	4,351	nr	4.21	40.8	20.6	6.75	10	20
03-Oct-23	364.4	63	59	26	5,830	1.48	4.15	40.4	18.6	6.75	>24,200	>24,200
04-Oct-23	267.9	45	53	25	4,099	1.44	4.06	40.1	18.5	6.82	590	570
05-Oct-23	545.4	48	42	20	4,401	0.92	4.03	40.0	15.8	6.91	>24,200	>24,200
06-Oct-23	273.9	15	19	6	2,931	1.20	4.00	39.4	16.9	7.00	1,020	610
07-Oct-23	192.2	10	14	7	3,229	2.56	3.97	39.0	18.1	6.86	310	250
08-Oct-23	173.3	10	19	8	3,206	3.20	3.96	38.3	18.5	6.87	140	140
09-Oct-23	166.6	7	18	8	3,549	3.25	3.95	37.9	18.7	6.80	60	100
10-Oct-23	160.1	11	36	10	3,682	3.47	3.94	37.6	18.6	6.83	180	100
11-Oct-23	165.7	10	22	9	4,093	3.75	3.93	37.4	19.0	6.86	300	240
12-Oct-23	173.4	11	nr	nr	4,404	3.28	3.92	37.4	19.2	6.74	10	20
13-Oct-23	168.9	13	26	9	4,054	2.62	3.91	37.2	19.3	6.76	30	20
14-Oct-23	162.8	12	18	6	3,842	2.90	3.88	36.9	19.4	6.72	30	30
15-Oct-23	162.6	10	33	9	3,837	2.52	3.85	36.6	19.5	6.75	10	10
16-Oct-23	164.4	9	19	7	3,978	2.05	3.89	36.6	19.3	6.75	<10	<10
17-Oct-23	164.4	11	33	7	4,225	2.19	3.92	36.3	19.4	6.83	10	<10
18-Oct-23	167.3	9	18	6	4,433	3.30	3.93	36.2	19.6	6.74	60	20
19-Oct-23	166.4	12	23	8	4,460	3.51	3.93	36.1	19.6	6.72	30	20
20-Oct-23	161.0	12	22	6	4,653	3.36	3.91	36.0	19.6	6.71	80	10
21-Oct-23	148.3	11	22	7	4,182	3.32	3.87	35.9	19.6	6.71	90	60
22-Oct-23	146.3	13	24	7	4,096	3.72	3.95	36.6	19.7	6.72	140	50
23-Oct-23	164.4	10	17	8	4,357	4.01	3.96	36.9	19.6	6.70	60	80
24-Oct-23	146.7	12	24	6	3,844	3.79	3.98	37.6	18.8	6.73	20	40
25-Oct-23	147.5	9	23	7	4,366	3.61	3.97	37.8	18.9	6.68	50	80
26-Oct-23	171.6	11	26	7	4,856	3.19	3.93	37.9	18.2	6.73	40	40
27-Oct-23	227.1	22	26	12	6,177	2.91	3.91	37.6	18.0	6.58	100	150
28-Oct-23	167.1	8	24	5	3,910	2.33	3.82	37.3	15.2	6.68	30	50
29-Oct-23	150.3	11	22	8	3,908	2.98	3.81	37.3	17.0	6.71	10	20
30-Oct-23	155.2	11	35	8	4,516	3.59	3.79	37.4	17.8	6.73	<10	<10
31-Oct-23	150.7	14	31	9	4,777	3.81	3.77	37.5	16.9	6.66	<10	30
<b>Max:</b>	545.4											
<b>Min:</b>	145.9											
<b>Average:</b>	<b>189.4</b>	<b>16</b>	<b>26</b>	<b>9</b>	<b>4,216</b>	<b>2.93</b>			<b>18.7</b>	<b>6.76</b>		
<b>Total Flow:</b>	5,870.3											
<b>Geo.Mean:</b>											<b>63</b>	<b>63</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) 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