



North End Water Pollution Control Centre Monitoring Data  
September 01, 2022 to September 30, 2022

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-Sep-22	179.4	11	14	6	3,157	2.11	3.04	27.3	19.6	6.65	40	40
02-Sep-22	169.4	11	13	5	3,100	2.17	3.00	27.2	19.5	6.82	350	210
03-Sep-22	153.4	10	15	5	2,577	2.11	2.97	26.8	19.7	6.73	7,700	8,660
04-Sep-22	146.0	12	12	4	1,869	2.61	2.95	26.6	19.9	6.72	240	230
05-Sep-22	149.2	10	16	5	1,969	3.50	2.96	26.4	19.6	6.67	320	230
06-Sep-22	163.0	14	21	6	2,755	1.49	2.89	26.2	19.3	6.60	90	120
07-Sep-22	162.4	11	19	7	3,362	1.85	2.84	25.6	19.5	6.72	910	140
08-Sep-22	162.6	13	20	6	3,659	1.88	2.78	25.6	19.8	6.63	140	90
09-Sep-22	157.5	15	15	6	3,969	2.07	2.72	25.5	19.9	6.71	170	80
10-Sep-22	154.4	14	18	6	3,875	2.68	2.67	25.5	19.8	6.74	860	530
11-Sep-22	155.4	15	18	7	4,103	2.86	2.62	25.8	19.7	6.72	370	620
12-Sep-22	159.6	14	16	6	3,479	2.77	2.58	25.9	19.3	6.59	100	120
13-Sep-22	160.6	17	21	7	3,710	3.41	2.58	25.9	19.6	6.66	1,020	730
14-Sep-22	155.3	29	27	15	3,976	2.34	2.60	26.9	19.3	6.68	960	1,250
15-Sep-22	219.8	8	44	9	4,132	1.65	2.63	27.7	18.7	6.75	1,050	1,420
16-Sep-22	359.2	83	57	34	5,029	1.28	2.65	27.8	19.1	6.73	>24,200	>24,200
17-Sep-22	366.1	16	18	7	nr	nr	2.64	28.1	16.4	6.73	330	340
18-Sep-22	195.2	15	12	7	2,811	1.18	2.65	27.9	18.3	6.69	30	50
19-Sep-22	212.7	24	22	13	3,658	1.86	2.69	27.8	18.6	6.68	50	60
20-Sep-22	180.2	15	18	8	3,154	1.93	2.71	27.9	19.0	6.70	30	90
21-Sep-22	170.2	21	22	10	3,864	2.29	2.73	28.2	19.0	6.74	70	40
22-Sep-22	161.0	19	18	7	3,719	2.70	2.70	28.4	18.9	6.68	80	110
23-Sep-22	157.6	16	16	7	3,593	2.86	2.73	28.6	18.6	6.72	30	80
24-Sep-22	153.2	15	13	7	3,554	2.62	2.75	28.7	18.9	6.73	120	120
25-Sep-22	148.3	13	18	7	3,411	2.62	2.77	28.7	19.0	6.86	100	40
26-Sep-22	154.3	10	13	6	3,364	2.66	2.79	28.7	18.6	6.66	20	30
27-Sep-22	152.4	9	14	6	3,780	3.14	2.83	28.5	18.6	6.71	30	20
28-Sep-22	152.5	18	18	8	3,736	3.39	2.89	28.9	18.7	6.77	10	20
29-Sep-22	150.1	14	20	6	4,188	3.27	2.97	29.4	19.2	6.72	20	30
30-Sep-22	147.8	13	13	5	3,887	3.00	3.01	29.6	19.1	6.73	20	<10
<b>Max:</b>	366.1											
<b>Min:</b>	146.0											
<b>Average:</b>	177.0	17	19	8	3,498	2.42			19.1	6.71		
<b>Total Flow:</b>	5,308.8											
<b>Geo.Mean:</b>											158	149

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