



North End Water Pollution Control Centre Monitoring Data  
September 01, 2023 to September 30, 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-Sep-23	139.6	14	11	6	4,579	3.15	4.14	36.1	21.2	6.73	120	140
02-Sep-23	132.6	16	10	5	4,230	3.53	4.16	36.3	21.4	6.73	150	170
03-Sep-23	125.9	15	11	9	3,966	4.07	4.18	36.2	21.3	6.65	110	110
04-Sep-23	130.8	42	36	20	3,636	3.83	4.22	36.1	20.7	6.70	30	20
05-Sep-23	317.7	31	22	13	4,480	2.14	4.16	35.6	19.9	6.64	>24,200	24,200
06-Sep-23	154.1	16	10	6	4,022	2.47	4.13	35.5	20.1	6.71	280	220
07-Sep-23	146.7	15	14	7	5,311	3.68	4.15	35.8	20.8	6.78	160	260
08-Sep-23	141.7	17	13	5	4,577	3.81	4.18	36.2	20.8	6.72	280	230
09-Sep-23	135.6	13	22	6	5,031	3.50	4.20	36.6	21.0	6.68	120	150
10-Sep-23	135.6	12	17	7	4,963	3.72	4.30	37.3	20.8	6.78	100	120
11-Sep-23	139.5	16	20	9	5,203	nr	4.36	37.9	20.5	6.79	40	60
12-Sep-23	138.3	15	16	7	4,467	4.22	4.38	38.1	20.8	6.74	40	60
13-Sep-23	140.4	11	20	7	4,886	3.93	4.39	38.4	20.4	6.77	120	110
14-Sep-23	141.5	14	25	7	5,151	3.99	4.39	38.7	20.8	6.72	640	770
15-Sep-23	161.4	15	23	9	5,940	3.64	4.39	39.0	20.8	6.71	50	30
16-Sep-23	134.3	13	13	5	4,674	0.49	4.30	39.2	20.5	6.76	110	80
17-Sep-23	133.7	12	19	6	5,014	1.27	4.23	39.4	20.5	6.83	40	60
18-Sep-23	138.2	8	15	5	5,196	2.76	4.19	39.8	20.8	6.77	230	110
19-Sep-23	137.6	8	16	5	5,146	3.56	4.16	40.1	20.8	6.86	90	170
20-Sep-23	141.0	8	16	4	5,711	na	4.14	40.5	20.9	6.83	150	80
21-Sep-23	211.6	24	66	19	8,062	na	4.13	40.7	20.9	6.78	110	110
22-Sep-23	257.9	17	24	6	4,797	na	4.04	40.2	18.5	6.74	310	430
23-Sep-23	181.4	18	30	9	5,134	3.08	4.02	40.1	19.7	6.69	60	70
24-Sep-23	159.6	15	14	4	3,431	3.20	4.04	40.0	20.1	6.69	100	50
25-Sep-23	151.7	16	22	6	4,399	3.16	4.05	40.1	20.5	6.80	30	80
26-Sep-23	147.0	22	24	9	4,778	4.34	4.06	40.3	20.5	6.87	280	300
27-Sep-23	149.5	16	19	10	5,457	4.46	4.07	40.6	20.6	6.75	20	40
28-Sep-23	165.2	18	18	9	6,096	4.67	4.11	40.9	20.6	6.77	20	50
29-Sep-23	150.3	12	14	8	4,975	4.23	4.13	40.8	20.5	6.71	30	80
30-Sep-23	147.6	17	19	9	4,694	4.51	4.14	40.7	20.6	6.67	30	80
<b>Max:</b>	317.7											
<b>Min:</b>	125.9											
<b>Average:</b>	156.3	16	20	8	4,933	3.44			20.6	6.75		
<b>Total Flow:</b>	4,688.0											
<b>Geo.Mean:</b>											108	126

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