



North End Water Pollution Control Centre Monitoring Data
May 01, 2023 to May 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 MPN/100 mL
01-May-23	198.1	10	11	5	4,893	2.06	1.47	28.9	12.1	6.92	40	100
02-May-23	192.1	8	7	5	5,167	2.02	1.51	28.6	12.7	6.89	70	40
03-May-23	192.4	10	11	5	5,368	1.98	1.56	28.6	13.0	6.94	50	80
04-May-23	190.4	8	12	5	5,141	2.09	1.61	28.3	13.2	6.91	180	120
05-May-23	188.6	10	14	6	5,469	2.22	1.64	28.1	13.4	6.90	200	210
06-May-23	180.1	10	15	5	4,791	1.87	1.67	27.8	13.3	6.95	170	160
07-May-23	180.9	8	16	5	5,083	2.10	1.71	27.8	13.2	7.02	100	100
08-May-23	191.0	11	19	6	5,233	2.29	1.76	28.1	13.2	6.92	110	120
09-May-23	186.5	8	14	5	5,651	2.34	1.81	28.7	13.6	6.79	100	290
10-May-23	249.7	69	40	29	7,116	2.51	1.89	29.5	14.5	6.89	110	200
11-May-23	364.9	11	25	6	6,386	0.87	1.89	29.7	14.1	6.99	180	180
12-May-23	219.4	8	13	5	5,068	1.50	1.93	30.2	14.1	7.00	180	190
13-May-23	202.1	10	12	4	5,012	1.84	1.98	30.7	14.1	6.95	100	110
14-May-23	192.9	10	14	<4	4,533	2.09	2.04	31.1	14.2	6.85	200	140
15-May-23	200.5	11	14	5	4,992	2.27	2.09	31.6	14.5	6.91	30	40
16-May-23	193.0	9	16	4	5,269	2.42	2.15	32.0	14.6	6.88	80	190
17-May-23	241.8	26	33	13	6,940	2.38	2.20	32.5	14.5	6.92	60	110
18-May-23	186.2	10	18	5	4,283	1.78	2.22	32.7	14.1	6.89	220	310
19-May-23	199.1	13	15	4	5,177	2.05	2.25	33.0	14.2	6.98	30	30
20-May-23	170.6	11	19	4	4,709	2.06	2.27	33.3	14.4	6.96	100	160
21-May-23	165.3	10	16	4	4,149	2.20	2.30	33.4	14.6	6.96	50	40
22-May-23	169.6	13	15	5	4,291	2.63	2.34	33.4	14.5	6.95	90	100
23-May-23	178.6	13	19	7	4,876	2.83	2.37	33.5	14.3	6.95	20	10
24-May-23	179.2	18	16	9	6,397	3.02	2.41	34.0	15.0	6.97	60	120
25-May-23	174.5	15	16	6	6,369	3.03	2.44	34.3	15.4	6.91	500	550
26-May-23	174.5	14	16	8	5,724	2.45	2.46	34.9	16.0	6.87	40	20
27-May-23	168.8	20	18	10	5,148	2.59	2.52	35.5	16.0	6.90	180	130
28-May-23	189.5	19	22	8	5,135	2.32	2.56	35.7	16.6	6.88	70	110
29-May-23	175.9	18	20	6	5,383	2.90	2.60	36.0	16.7	6.89	30	50
30-May-23	168.8	17	17	7	5,537	2.93	2.66	36.5	16.4	6.85	10	10
31-May-23	163.6	15	25	8	4,614	3.23	2.71	36.8	16.8	6.89	550	390
Max:	364.9											
Min:	163.6											
Average:	194.5	14	17	7	5,287	2.29			14.4	6.92		
Total Flow:	6,028.6											
Geo.Mean:											87	100

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