



North End Water Pollution Control Centre Monitoring Data  
February 01, 2022 to February 28, 2022

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
01-Feb-22	120.4	12	16	9	4,708	0.90	1.48	54.6	14.3	6.83	350	410
02-Feb-22	130.4	14	16	7	4,903	1.22	1.50	54.5	14.2	6.83	10	10
03-Feb-22	132.0	13	17	7	5,082	1.27	1.52	54.5	13.8	6.92	<10	10
04-Feb-22	131.2	13	16	6	5,051	1.53	1.55	54.6	13.6	6.85	270	250
05-Feb-22	125.2	10	18	8	4,733	1.70	1.57	54.5	13.6	6.81	370	280
06-Feb-22	125.9	12	21	8	4,935	1.66	1.59	54.6	14.1	6.73	40	50
07-Feb-22	127.6	14	20	7	4,657	1.76	1.60	54.3	12.8	6.84	nr	nr
08-Feb-22	131.0	14	22	10	5,017	1.47	1.62	54.1	14.2	6.82	20	10
09-Feb-22	132.7	13	21	11	5,056	1.33	1.64	53.7	11.9	6.82	120	120
10-Feb-22	126.8	12	19	9	4,717	1.62	1.68	53.5	11.9	6.76	310	300
11-Feb-22	125.1	12	17	7	4,779	1.53	1.71	53.2	12.2	6.84	50	30
12-Feb-22	122.1	14	18	8	4,701	1.22	1.73	52.9	13.2	6.76	40	30
13-Feb-22	119.7	13	21	8	4,345	1.20	1.74	52.7	13.1	6.81	40	20
14-Feb-22	126.6	12	19	8	4,342	0.91	1.73	52.7	12.3	6.86	10	10
15-Feb-22	131.0	12	18	9	4,546	0.80	1.73	52.7	13.2	6.81	30	10
16-Feb-22	129.5	12	18	9	4,714	0.80	1.73	52.7	13.3	6.86	180	240
17-Feb-22	131.2	12	16	8	5,091	1.09	1.73	52.7	13.2	6.84	10	10
18-Feb-22	130.0	12	18	8	4,875	1.49	1.75	52.7	13.6	6.83	50	120
19-Feb-22	127.9	9	16	7	4,400	1.47	1.76	52.5	13.2	6.94	190	250
20-Feb-22	121.6	10	19	8	4,292	1.49	1.76	52.4	12.7	6.89	60	90
21-Feb-22	132.7	10	18	7	4,591	1.35	1.75	52.4	13.2	6.87	110	100
22-Feb-22	128.5	11	21	5	4,626	1.14	1.75	52.5	12.9	6.89	50	70
23-Feb-22	132.9	11	19	6	5,103	1.24	1.75	52.7	13.0	6.92	60	100
24-Feb-22	127.1	9	21	7	4,855	1.48	1.74	52.5	13.1	6.90	170	130
25-Feb-22	125.8	9	20	6	4,529	1.31	1.72	52.5	12.3	6.86	20	30
26-Feb-22	122.6	10	18	7	4,745	1.07	1.71	52.5	13.1	6.79	40	50
27-Feb-22	127.0	11	19	8	4,750	0.95	1.70	52.6	13.4	6.73	50	40
28-Feb-22	130.0	11	28	13	5,187	0.53	1.68	52.3	13.6	6.74	40	60
<b>Max:</b>	132.9											
<b>Min:</b>	119.7											
<b>Average:</b>	<b>127.7</b>	<b>12</b>	<b>19</b>	<b>8</b>	<b>4,762</b>	<b>1.27</b>			<b>13.2</b>	<b>6.83</b>		
<b>Total Flow:</b>	3,574.5											
<b>Geo.Mean:</b>											<b>55</b>	<b>56</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