



North End Water Pollution Control Centre Monitoring Data  
March 01, 2022 to March 31, 2022

Licence # 2684 RRR	File # 1071.1	Final Effluent 24 Hour Composite							Final Effluent Grab Sample					
		Date	Raw Sewage Daily Flow ML	TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
				(mg/L)	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
01-Mar-22	134.4	11	17	7	5,040	0.45	1.65	52.1	11.1	6.74	50	40		
02-Mar-22	136.7	10	14	7	5,372	0.57	1.65	51.7	13.2	6.86	30	80		
03-Mar-22	134.3	12	17	7	5,291	0.76	1.64	51.5	13.1	6.83	230	290		
04-Mar-22	130.2	10	18	8	4,922	0.81	1.61	51.4	13.0	6.85	10	40		
05-Mar-22	130.2	12	17	8	4,674	0.85	1.59	51.2	13.0	6.78	20	90		
06-Mar-22	129.7	10	19	8	5,162	0.89	1.56	51.0	13.4	6.83	10	40		
07-Mar-22	132.9	9	15	7	5,263	0.72	1.53	50.8	14.2	6.80	20	20		
08-Mar-22	146.7	10	17	7	5,809	0.44	1.49	50.7	12.8	6.68	80	150		
09-Mar-22	131.9	12	16	7	5,039	0.37	1.46	50.7	11.0	6.73	20	80		
10-Mar-22	131.4	10	15	6	5,217	0.61	1.44	50.7	11.8	6.89	180	320		
11-Mar-22	131.1	12	17	7	4,811	0.60	1.41	50.8	10.1	6.84	350	400		
12-Mar-22	132.5	14	18	8	4,956	0.86	1.40	50.8	12.7	6.84	150	290		
13-Mar-22	121.4	6	18	8	4,540	0.98	1.38	50.9	13.1	6.72	30	40		
14-Mar-22	128.2	13	20	10	5,038	0.87	1.37	50.8	14.3	6.75	190	250		
15-Mar-22	142.1	22	20	9	5,386	1.25	1.38	50.5	13.4	6.87	110	140		
16-Mar-22	165.3	22	22	12	5,554	0.89	1.39	50.2	13.2	6.77	180	240		
17-Mar-22	238.4	43	31	26	6,628	0.71	1.40	49.5	14.0	6.68	20	60		
18-Mar-22	274.0	49	27	24	6,357	0.34	1.40	48.6	11.6	6.79	50	80		
19-Mar-22	327.0	51	36	32	5,036	0.35	1.39	47.4	10.1	6.71	110	80		
20-Mar-22	339.9	59	34	26	4,555	0.32	1.36	46.1	9.2	6.71	20	40		
21-Mar-22	433.1	100	42	33	4,894	0.35	1.35	44.8	7.5	7.06	>24,200	>24,200		
22-Mar-22	547.4	84	35	29	5,184	0.39	1.33	43.6	7.1	7.21	>24,200	10,100		
23-Mar-22	393.2	58	28	18	4,679	0.56	1.33	42.3	9.6	7.08	190	290		
24-Mar-22	400.8	86	37	29	5,090	0.74	1.32	41.0	8.4	6.93	190	160		
25-Mar-22	356.8	34	15	12	4,389	0.55	1.31	39.6	7.1	7.06	550	740		
26-Mar-22	214.3	29	14	11	4,029	0.93	1.31	38.6	8.6	6.93	100	130		
27-Mar-22	193.9	25	16	13	4,460	1.24	1.32	37.8	9.3	6.86	60	50		
28-Mar-22	188.9	39	16	12	5,289	1.31	1.35	37.1	10.4	6.85	60	100		
29-Mar-22	223.0	42	20	16	5,731	1.54	1.39	36.4	10.7	6.85	200	310		
30-Mar-22	288.3	59	33	19	5,276	0.91	1.42	35.6	9.3	6.89	20	50		
31-Mar-22	268.6	60	27	21	4,942	1.77	1.45	34.9	9.3	6.83	200	200		
<b>Max:</b>	547.4													
<b>Min:</b>	121.4													
<b>Average:</b>	<b>220.9</b>	<b>33</b>	<b>22</b>	<b>14</b>	<b>5,117</b>	<b>0.77</b>			<b>11.1</b>	<b>6.85</b>				
<b>Total Flow:</b>	6,846.6													
<b>Geo.Mean:</b>											<b>102</b>	<b>156</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