



North End Water Pollution Control Centre  
Final Effluent Monitoring Report  
August 2024

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample			
		TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
01-Aug-24	176.6	20	17	7	3,249	0.28	1.10	23.0	21.1	6.61	3,870	6,870
02-Aug-24	157.3	23	21	7	3,020	0.21	1.11	23.7	20.9	6.65	19,900	>24,200
03-Aug-24	154.0	20	27	6	2,941	0.24	1.09	24.3	20.9	6.72	>24,200	>24,200
04-Aug-24	140.8	14	19	5	2,464	0.33	1.07	25.0	20.5	6.60	1,660	2,140
05-Aug-24	140.1	11	15	4	2,690	0.39	1.08	25.5	20.3	6.61	790	750
06-Aug-24	151.2	13	16	6	2,782	0.44	1.06	25.9	20.2	6.61	990	1,050
07-Aug-24	148.6	16	17	5	3,165	0.84	1.08	26.6	20.4	6.67	120	170
08-Aug-24	165.2	19	nr	nr	3,552	1.06	1.09	27.1	20.2	6.76	1,220	1,050
09-Aug-24	147.1	17	20	5	3,692	0.52	1.08	27.5	20.2	6.63	600	400
10-Aug-24	142.8	10	nr	nr	3,827	0.28	1.07	28.0	20.5	6.70	3,450	3,450
11-Aug-24	139.8	11	19	5	3,327	0.21	1.05	28.4	20.4	6.58	1,560	1,560
12-Aug-24	149.0	16	20	5	3,457	0.28	1.02	29.0	20.7	6.55	1,080	960
13-Aug-24	152.7	12	27	5	3,726	0.25	1.01	29.7	20.8	6.57	150	130
14-Aug-24	153.0	14	26	4	3,902	nr	0.99	30.6	20.9	6.67	110	150
15-Aug-24	452.4	149	67	38	6,786	0.09	1.02	30.7	20.7	6.70	>24,200	>24,200
16-Aug-24	219.6	13	14	4	3,052	0.08	1.00	30.6	20.6	6.62	860	550
17-Aug-24	166.2	16	17	4	2,958	0.10	0.98	30.8	20.6	6.62	240	260
18-Aug-24	158.9	15	20	5	3,369	0.16	0.96	31.2	20.5	6.64	190	160
19-Aug-24	165.2	13	18	5	3,585	0.26	0.94	31.4	20.3	6.56	250	260
20-Aug-24	160.7	12	22	5	4,259	0.78	0.91	31.9	20.1	6.61	2,610	1,500
21-Aug-24	159.4	18	27	6	4,607	0.63	0.92	32.7	21.0	nr	530	520
22-Aug-24	194.2	23	31	8	5,282	0.41	0.92	33.3	20.9	6.78	1,900	1,850
23-Aug-24	155.8	16	30	7	4,300	0.39	0.92	33.9	21.5	6.61	1,050	1,050
24-Aug-24	146.5	15	38	7	4,688	0.46	0.93	34.6	21.1	6.66	930	700
25-Aug-24	146.0	16	nr	nr	4,687	0.61	0.94	35.0	21.1	6.70	150	120
26-Aug-24	149.8	15	33	6	4,164	0.71	0.94	35.6	21.2	6.71	340	440
27-Aug-24	149.0	16	41	7	4,634	0.72	0.95	36.1	20.7	6.94	780	880
28-Aug-24	150.2	35	53	20	5,407	0.80	0.94	37.0	20.7	6.76	1,350	730
29-Aug-24	307.5	36	40	16	6,581	0.38	0.93	37.3	20.0	6.80	>24,200	>24,200
30-Aug-24	163.9	13	19	5	3,704	0.37	0.92	37.5	20.0	6.82	130	140
31-Aug-24	145.9	12	24	5	4,056	0.53	0.90	37.8	20.6	6.93	420	460
<b>Max:</b>	452.4											
<b>Min:</b>	139.8											
<b>Average:</b>	<b>171.3</b>	<b>21</b>	<b>26</b>	<b>8</b>	<b>3,933</b>	<b>0.43</b>			<b>20.6</b>	<b>6.68</b>		
<b>Total Flow:</b>	5,309.4											
<b>Geo.Mean:</b>											<b>996</b>	<b>970</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) 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
- (4) Where value is expressed as less than (<), the value is halved and used in the calculations
- (5) \* = 30 day rolling average