



North End Water Pollution Control Centre
Final Effluent Monitoring Report
June 2025

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample			
Date	Raw Sewage Daily Flow ML	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-Jun-25	153.2	11	16	4	4,274	3.83	3.67	44.0	17.3	6.65	40	10
02-Jun-25	223.6	25	38	12	5,143	3.42	3.71	43.7	16.5	6.71	>24,200	>24,200
03-Jun-25	156.3	12	14	6	3,814	3.17	3.73	43.4	16.8	6.60	80	110
04-Jun-25	152.2	15	13	6	4,733	3.70	3.76	43.2	16.9	6.67	30	30
05-Jun-25	152.7	18	16	7	4,551	3.79	3.78	42.9	16.8	6.68	110	80
06-Jun-25	153.0	21	18	9	4,254	3.89	3.76	42.0	16.7	6.58	50	50
07-Jun-25	228.9	37	62	28	5,630	3.83	3.79	41.7	17.3	6.66	880	1,270
08-Jun-25	283.8	53	45	24	3,604	2.16	3.77	41.0	17.1	6.51	110	170
09-Jun-25	190.5	11	11	5	2,439	2.15	3.73	40.3	15.7	6.70	100	100
10-Jun-25	167.0	13	11	5	3,607	3.37	3.75	40.0	16.5	6.63	30	100
11-Jun-25	161.7	16	14	6	4,235	3.86	3.77	39.9	17.3	6.59	200	140
12-Jun-25	158.1	18	14	6	4,015	3.85	3.78	39.7	17.6	6.69	80	170
13-Jun-25	158.7	26	16	7	4,333	4.08	3.80	39.6	17.6	6.59	20	50
14-Jun-25	147.8	21	16	7	3,917	4.23	3.83	39.8	17.8	6.60	10	70
15-Jun-25	151.8	20	17	7	3,992	4.36	3.93	40.4	17.8	6.58	220	490
16-Jun-25	156.7	21	15	6	3,918	4.31	4.04	41.0	17.5	6.68	310	490
17-Jun-25	161.0	15	16	5	4,300	3.82	4.12	41.3	17.9	6.63	20	120
18-Jun-25	161.0	19	15	6	5,234	4.49	4.21	41.8	18.3	6.64	90	130
19-Jun-25	159.2	18	16	6	4,967	4.56	4.28	41.9	18.3	6.68	40	80
20-Jun-25	159.2	18	18	6	4,871	4.43	4.34	41.6	18.7	6.71	40	110
21-Jun-25	162.1	15	23	6	4,149	3.94	4.38	41.2	18.6	6.65	20	160
22-Jun-25	210.1	38	33	18	4,875	3.83	4.44	40.7	18.4	6.65	<10	30
23-Jun-25	184.7	10	11	<4	2,623	2.56	4.43	40.0	17.6	6.57	130	200
24-Jun-25	160.7	13	13	4	4,113	3.93	4.44	40.0	17.8	6.62	30	70
25-Jun-25	155.3	13	nr	nr	4,614	4.05	4.46	40.1	18.4	6.61	80	90
26-Jun-25	144.6	18	22	6	4,685	4.51	4.48	40.1	18.5	6.57	60	140
27-Jun-25	149.9	14	21	6	5,022	4.85	4.51	40.2	18.7	6.63	na	na
28-Jun-25	141.0	20	21	6	4,483	4.74	4.56	40.3	19.0	6.58	30	70
29-Jun-25	140.3	20	22	6	3,788	4.43	4.58	40.4	19.1	6.64	10	40
30-Jun-25	144.0	18	21	7	3,786	4.49	4.61	40.5	18.8	6.62	30	30
Max:	283.8											
Min:	140.3											
Average:	167.6	20	20	8	4,266	3.89			17.7	6.63		
Total Flow:	5,029.1											
Geo.Mean:											65	118

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

Report Date: July 25, 2025