



North End Water Pollution Control Centre
Final Effluent Monitoring Report
February 2026

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							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-Feb-26	126.2	11	16	7	5,008	4.48	5.01	53.0	14.2	6.63	7,270	7,270		
02-Feb-26	152.4	11	15	7	5,791	4.07	4.96	52.8	13.6	6.68	9,800	11,200		
03-Feb-26	137.4	11	14	6	5,329	4.19	4.93	52.7	13.7	6.62	6,870	6,490		
04-Feb-26	130.1	13	17	7	5,088	4.15	4.91	52.7	14.1	6.51	10,500	11,200		
05-Feb-26	132.8	11	13	7	5,337	4.25	4.87	52.7	14.4	6.54	3,870	4,610		
06-Feb-26	130.0	11	11	6	5,381	4.45	4.82	52.6	14.4	6.53	6,490	8,160		
07-Feb-26	128.4	9	15	7	5,352	4.15	4.78	52.5	14.6	6.64	3,870	3,970		
08-Feb-26	126.2	12	16	7	5,311	4.56	4.74	52.5	14.4	6.52	2,850	3,450		
09-Feb-26	135.8	12	17	7	5,676	4.48	4.71	52.5	14.3	6.56	3,450	2,910		
10-Feb-26	127.0	12	18	7	5,398	4.42	4.69	52.5	14.4	6.57	5,170	5,480		
11-Feb-26	130.7	9	19	6	5,726	4.51	4.68	52.5	14.5	6.55	2,140	2,480		
12-Feb-26	136.0	12	23	7	5,955	4.39	4.68	52.3	14.7	6.56	3,450	nr		
13-Feb-26	139.2	14	21	7	5,943	4.63	4.72	52.2	14.8	6.56	2,600	3,080		
14-Feb-26	134.7	13	24	8	5,591	4.91	4.75	52.2	14.7	6.69	6,130	6,870		
15-Feb-26	132.7	14	21	7	5,495	4.32	4.77	52.0	14.9	6.59	23,600	17,300		
16-Feb-26	138.0	15	22	7	5,561	4.68	4.81	51.9	14.8	6.56	13,000	17,300		
17-Feb-26	134.4	14	19	6	5,620	4.02	4.80	51.9	14.1	6.59	24,200	19,900		
18-Feb-26	135.1	10	16	5	6,039	3.03	4.76	52.1	14.2	6.55	4,880	6,490		
19-Feb-26	136.2	10	20	5	5,940	2.51	4.70	52.2	14.6	6.57	4,110	4,880		
20-Feb-26	134.1	10	12	5	5,902	2.33	4.64	52.4	14.5	6.57	5,170	4,350		
21-Feb-26	130.9	9	14	5	4,949	2.34	4.60	52.7	14.1	6.78	7,700	9,210		
22-Feb-26	131.5	12	19	6	5,827	2.29	4.55	52.9	13.7	6.60	9,800	11,200		
23-Feb-26	132.7	11	13	6	5,760	1.95	4.52	52.8	13.8	6.62	8,660	13,000		
24-Feb-26	133.0	8	15	5	5,760	1.61	4.45	52.8	13.6	6.67	4,110	5,170		
25-Feb-26	134.2	7	12	5	5,933	1.38	4.36	52.7	14.1	6.58	6,490	5,790		
26-Feb-26	131.1	9	15	5	5,809	1.41	4.26	52.7	14.2	6.58	3,870	6,870		
27-Feb-26	132.4	9	16	5	5,576	1.13	4.15	52.5	14.0	6.64	4,880	5,170		
28-Feb-26	131.7	9	14	5	5,491	1.07	4.05	52.4	13.7	6.68	5,480	6,870		
Max:	152.4													
Min:	126.2													
Average:	133.4	11	17	6	5,591	3.42			14.3	6.60				
Total Flow:	3,734.9													
Geo.Mean:											5,917	6,705		

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