

**North End Water Pollution Control Centre
Final Effluent Monitoring Report
December 2025**

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample					
		Date	Raw Sewage Daily Flow	TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
			ML	(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-Dec-25	135.7	7	16	5	4,857	4.11	3.38	43.8	15.6	6.64	6,490	8,660		
02-Dec-25	136.6	8	15	6	5,353	4.08	3.43	44.6	15.4	6.68	11,200	17,300		
03-Dec-25	135.3	9	17	6	5,735	3.99	3.48	45.6	15.3	6.74	9,090	8,820		
04-Dec-25	133.2	9	16	6	5,380	4.22	3.54	46.4	15.9	6.69	7,270	12,000		
05-Dec-25	133.2	8	17	5	5,047	4.23	3.61	46.8	16.0	6.69	9,210	12,000		
06-Dec-25	131.7	8	17	6	4,886	4.35	3.65	47.4	15.6	6.91	17,300	17,300		
07-Dec-25	130.4	7	20	8	4,733	4.41	3.75	48.1	15.7	6.63	9,210	10,500		
08-Dec-25	132.3	8	19	5	4,854	4.30	3.82	48.7	15.6	6.67	4,610	5,480		
09-Dec-25	137.2	9	19	6	5,255	4.20	3.88	49.0	15.8	6.69	5,790	9,800		
10-Dec-25	132.4	9	21	6	5,296	4.29	3.91	49.3	15.7	6.66	4,610	9,800		
11-Dec-25	131.2	8	nr	nr	5,339	4.20	3.94	49.7	15.8	6.62	23,600	28,500		
12-Dec-25	129.3	12	27	8	5,134	4.61	4.00	50.0	15.3	6.66	14,100	21,900		
13-Dec-25	128.9	8	23	7	5,015	4.11	4.04	50.2	15.4	6.74	61,300	54,800		
14-Dec-25	128.6	10	29	7	5,107	4.47	4.09	50.7	15.0	6.62	7,700	17,300		
15-Dec-25	130.8	8	24	7	5,310	4.66	4.16	51.2	15.4	6.72	9,800	11,200		
16-Dec-25	134.8	9	22	6	5,662	5.05	4.21	51.5	15.4	6.63	8,660	10,500		
17-Dec-25	136.4	8	24	6	5,918	4.79	4.25	51.9	15.9	6.60	8,160	12,000		
18-Dec-25	125.7	8	20	6	5,394	4.94	4.28	52.3	14.9	6.69	8,160	17,300		
19-Dec-25	125.5	9	24	6	4,705	4.32	4.31	52.4	14.4	6.67	4,610	9,800		
20-Dec-25	125.5	8	24	6	4,655	4.46	4.36	52.7	13.8	6.62	5,480	7,270		
21-Dec-25	123.9	7	22	7	4,634	4.58	4.41	52.7	14.5	6.67	4,570	8,660		
22-Dec-25	126.4	8	16	7	4,827	4.58	4.50	52.9	15.5	6.59	7,270	5,480		
23-Dec-25	129.1	11	18	7	4,959	4.87	4.60	53.3	15.4	6.63	7,270	9,210		
24-Dec-25	129.9	10	nr	8	5,027	4.42	4.68	53.8	15.5	6.63	8,160	8,660		
25-Dec-25	113.8	11	20	8	4,142	4.55	4.76	54.0	15.5	6.62	9,210	8,160		
26-Dec-25	116.2	13	17	8	4,683	5.32	4.89	54.4	15.3	6.59	9,210	12,100		
27-Dec-25	120.0	13	18	10	4,741	5.15	5.02	54.6	15.1	6.68	17,300	19,900		
28-Dec-25	120.0	15	19	11	4,513	5.17	5.14	54.8	15.0	6.70	11,200	15,500		
29-Dec-25	124.5	15	19	10	4,794	5.28	5.21	55.0	15.1	6.61	13,000	11,200		
30-Dec-25	125.3	16	20	10	4,697	4.76	5.26	55.1	15.1	6.58	15,500	17,300		
31-Dec-25	132.2	16	21	8	5,012	4.59	5.28	55.4	15.1	6.56	24,200	24,200		
Max:	137.2													
Min:	113.8													
Average:	128.9	10	20	7	5,021	4.55			15.3	6.66				
Total Flow:	3,996.0										9,626	12,501		
Geo.Mean:														

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: January 29, 2026