



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

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-Mar-26	131.4	10	18	6	5,438	1.14	3.93	52.4	13.5	6.58	8,660	12,000		
02-Mar-26	137.9	8	15	5	5,350	1.15	3.82	52.4	13.6	6.61	10,500	24,200		
03-Mar-26	130.2	10	16	5	5,273	1.15	3.71	52.7	13.6	6.64	18,600	24,900		
04-Mar-26	127.0	9	14	5	5,231	0.96	3.61	53.2	13.8	6.65	15,600	32,600		
05-Mar-26	123.8	8	16	5	5,225	0.93	3.50	53.7	14.1	6.60	51,700	81,600		
06-Mar-26	127.1	10	14	5	5,452	1.08	3.40	54.2	14.0	6.64	64,900	46,100		
07-Mar-26	130.5	12	14	7	5,401	1.12	3.31	54.5	14.0	6.57	72,700	112,000		
08-Mar-26	175.6	17	23	13	6,725	1.25	3.21	54.7	14.3	6.54	120,000	141,000		
09-Mar-26	135.8	13	12	8	4,291	0.36	3.09	54.6	12.3	6.53	435,000	455,000		
10-Mar-26	133.3	13	16	7	5,092	0.49	2.95	54.8	13.3	6.62	155,000	242,000		
11-Mar-26	129.2	9	13	4	4,897	0.71	2.82	55.0	13.7	6.51	64,900	199,000		
12-Mar-26	132.7	11	18	6	5,136	0.99	2.71	55.1	14.0	6.52	68,700	120,000		
13-Mar-26	135.6	11	20	5	5,750	1.24	2.60	55.3	14.0	6.68	63	63		
14-Mar-26	134.1	10	22	6	5,378	0.90	2.48	55.6	13.5	6.78	262	243		
15-Mar-26	134.5	9	22	5	5,543	0.90	2.34	55.8	13.7	6.74	75	41		
16-Mar-26	135.0	9	24	6	5,427	1.22	2.21	55.9	13.3	6.74	52	63		
17-Mar-26	129.7	10	24	6	5,447	1.37	2.08	56.4	13.6	6.73	52	86		
18-Mar-26	150.2	14	nr	nr	6,581	1.41	1.97	56.9	13.8	6.78	2,100	3,650		
19-Mar-26	198.5	17	17	12	7,781	1.48	1.87	56.9	13.5	6.58	40	70		
20-Mar-26	293.9	83	35	28	7,171	0.73	1.82	56.1	12.2	6.64	370	460		
21-Mar-26	424.1	112	38	33	5,980	0.46	1.78	55.1	7.4	6.91	>24,200	>24,200		
22-Mar-26	249.2	53	23	18	5,083	0.69	1.74	54.3	8.9	6.82	20	30		
23-Mar-26	193.8	12	8	6	4,593	0.56	1.67	53.4	9.7	6.76	30	20		
24-Mar-26	220.2	26	16	12	6,893	1.09	1.64	52.9	11.3	6.77	40	30		
25-Mar-26	157.7	11	8	6	4,336	0.69	1.60	52.4	10.6	6.81	50	20		
26-Mar-26	155.1	10	8	6	5,832	1.31	1.58	52.3	12.0	6.75	80	30		
27-Mar-26	157.0	9	8	6	6,250	1.50	1.58	52.5	12.1	6.79	60	50		
28-Mar-26	212.2	18	13	9	6,516	1.10	1.56	52.1	12.2	6.74	120	130		
29-Mar-26	256.2	44	24	18	5,816	0.84	1.56	51.6	10.8	6.69	<10	30		
30-Mar-26	189.6	ns	ns	ns	ns	ns	1.56	51.6	9.4	6.83	80	100		
31-Mar-26	178.7	ns	ns	ns	ns	ns	1.55	51.6	11.3	6.69	50	40		
Max:	424.1													
Min:	123.8													
Average:	171.6	20	18	9	5,651	0.99			12.5	6.69				
Total Flow:	5,319.8													
Geo.Mean:											1,070	1,295		

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