

North End Water Pollution Control Centre
Final Effluent Monitoring Report
August 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-Aug-25	138.0	19	23	7	4,457	4.78	4.57	42.9	20.3	6.61	30	30
02-Aug-25	129.5	18	17	7	4,130	4.22	4.59	43.0	20.4	6.67	50	30
03-Aug-25	123.4	17	25	6	3,554	4.48	4.61	42.9	20.3	6.61	10	<10
04-Aug-25	127.5	15	18	8	3,532	4.85	4.64	43.0	20.7	6.64	30	10
05-Aug-25	173.9	32	38	16	4,679	4.67	4.66	43.0	20.3	6.59	30	30
06-Aug-25	314.5	49	37	20	4,969	2.01	4.60	42.6	20.2	6.57	>24,200	>24,200
07-Aug-25	179.5	10	nr	nr	2,872	2.14	4.62	42.8	20.6	6.48	80	120
08-Aug-25	349.8	59	nr	nr	5,108	1.96	4.60	42.3	20.2	6.69	>24,200	>24,200
09-Aug-25	202.3	12	11	5	3,297	2.28	4.54	41.8	20.5	6.59	110	70
10-Aug-25	166.9	10	14	9	3,287	2.94	4.51	41.5	20.4	6.62	40	90
11-Aug-25	176.4	10	19	8	3,527	3.27	4.50	41.2	20.2	6.66	40	20
12-Aug-25	169.0	9	17	5	3,246	3.65	4.48	40.7	20.9	6.66	40	60
13-Aug-25	160.6	10	19	5	3,807	3.85	4.46	40.5	20.9	6.64	310	760
14-Aug-25	311.7	36	47	18	4,801	2.51	4.41	40.0	21.7	6.56	24,200	24,200
15-Aug-25	186.6	11	15	5	2,613	2.73	4.33	39.3	21.2	6.62	430	780
16-Aug-25	153.2	12	27	5	2,759	3.65	4.29	38.9	21.7	6.59	230	280
17-Aug-25	214.5	73	75	33	3,045	2.59	4.24	38.5	21.4	6.65	180	200
18-Aug-25	396.2	20	18	7	3,843	1.65	4.13	37.6	18.6	6.69	1,050	450
19-Aug-25	205.0	9	15	5	4,776	2.66	4.12	37.6	20.1	6.66	130	190
20-Aug-25	186.5	72	65	32	4,233	2.84	4.08	37.5	20.6	6.60	50	90
21-Aug-25	449.2	24	31	12	3,455	1.25	3.99	36.7	22.3	6.63	17,300	>24,200
22-Aug-25	237.1	13	15	5	2,963	1.74	3.90	35.9	21.5	6.76	1,470	2,060
23-Aug-25	194.0	10	17	5	3,142	2.45	3.83	35.0	21.0	6.82	430	650
24-Aug-25	169.3	13	19	5	2,641	2.95	3.75	34.0	20.8	6.70	220	240
25-Aug-25	163.9	14	21	7	2,950	3.24	3.71	33.6	20.6	6.66	260	600
26-Aug-25	164.7	16	25	7	3,509	3.79	3.73	33.7	20.7	6.57	260	250
27-Aug-25	163.2	20	24	8	3,967	3.66	3.79	34.0	21.1	6.67	1,380	2,480
28-Aug-25	157.2	17	24	7	4,103	3.95	3.79	34.0	21.2	6.61	100	60
29-Aug-25	157.7	20	26	7	4,288	4.10	3.77	33.7	21.3	6.67	70	140
30-Aug-25	146.0	19	29	8	3,432	4.02	3.75	33.4	21.5	6.71	100	160
31-Aug-25	145.5	18	28	7	3,404	4.10	3.72	33.1	21.6	6.67	60	80
Max:	449.2											
Min:	123.4											
Average:	200.4	22	26	10	3,690	3.19			20.8	6.64		
Total Flow:	6,212.8											
Geo.Mean:											236	265

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