



North End Water Pollution Control Centre
Final Effluent Monitoring Report
September 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-Sep-25	146.6	18	28	9	3,078	4.09	3.69	32.9	21.0	6.61	30	60
02-Sep-25	157.7	29	28	10	3,769	4.15	3.67	32.8	20.7	6.70	<10	40
03-Sep-25	144.8	28	26	11	4,314	4.40	3.65	32.7	20.1	6.78	370	540
04-Sep-25	195.2	31	23	15	6,519	3.88	3.62	32.8	19.9	6.63	1,050	610
05-Sep-25	153.0	17	9	5	3,887	2.36	3.62	33.2	18.8	6.84	2,760	5,170
06-Sep-25	143.4	15	7	4	4,303	1.09	3.59	33.7	19.3	6.75	40	50
07-Sep-25	151.6	15	12	9	4,972	2.26	3.59	34.5	19.4	6.58	90	80
08-Sep-25	147.5	20	11	6	5,031	3.53	3.65	35.2	19.7	6.72	30	50
09-Sep-25	144.9	21	11	6	4,926	3.96	3.70	35.7	20.4	6.77	140	100
10-Sep-25	142.4	18	10	6	5,170	4.17	3.72	36.3	20.4	6.73	40	30
11-Sep-25	151.8	17	12	6	5,828	4.49	3.75	37.0	20.3	6.74	40	130
12-Sep-25	165.5	12	14	6	5,627	4.00	3.77	37.2	20.4	6.73	140	160
13-Sep-25	135.8	12	17	6	4,727	4.07	3.82	37.9	20.4	6.67	30	40
14-Sep-25	138.6	13	21	6	4,783	4.30	3.90	38.5	20.6	6.66	80	80
15-Sep-25	153.9	15	19	7	4,848	4.28	3.94	38.9	20.5	6.69	30	10
16-Sep-25	143.7	12	17	5	4,267	3.74	3.99	39.3	20.8	6.66	50	70
17-Sep-25	134.7	14	25	6	5,012	4.54	4.11	40.2	20.6	6.71	50	40
18-Sep-25	133.4	13	31	6	5,216	3.99	4.18	40.7	20.5	6.83	30	20
19-Sep-25	206.6	52	56	28	6,859	4.11	4.24	41.1	20.4	6.66	160	120
20-Sep-25	416.7	102	47	34	4,708	1.05	4.26	41.3	18.1	6.64	>24,200	>24,200
21-Sep-25	208.0	8	9	5	3,099	1.20	4.25	41.3	19.1	6.65	160	240
22-Sep-25	169.9	8	9	4	3,926	2.76	4.26	41.5	19.7	6.62	100	110
23-Sep-25	168.1	11	15	8	4,673	3.92	4.30	41.9	20.0	6.76	60	100
24-Sep-25	158.6	15	20	10	4,742	4.61	4.35	42.2	20.0	6.74	1,420	1,720
25-Sep-25	151.4	17	24	15	4,921	4.63	4.39	42.5	20.2	6.77	1,850	2,720
26-Sep-25	154.5	19	26	14	5,161	4.68	4.43	42.7	20.0	6.70	8,160	12,000
27-Sep-25	142.7	22	26	16	4,638	4.65	4.47	43.1	20.1	6.79	2,490	3,280
28-Sep-25	139.8	16	28	17	4,235	4.57	4.49	43.5	20.2	6.67	2,600	5,170
29-Sep-25	139.3	21	26	13	4,207	4.25	4.51	43.9	20.2	6.72	3,440	2,610
30-Sep-25	182.6	13	19	9	4,546	3.06	4.47	44.0	19.9	6.67	910	1,010
Max:	416.7											
Min:	133.4											
Average:	164.1	21	21	10	4,733	3.69			20.1	6.71		
Total Flow:	4,922.7											
Geo.Mean:											210	256

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: October 30, 2025