

North End Water Pollution Control Centre
Final Effluent Monitoring Report
October 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-Oct-25	148.6	23	39	12	4,637	3.70	4.46	44.0	20.1	6.51	nr	15,500
02-Oct-25	147.0	12	32	9	5,129	4.26	4.45	44.1	20.3	6.50	nr	34,500
03-Oct-25	168.7	36	48	18	5,332	3.60	4.42	44.0	20.2	6.54	nr	68,700
04-Oct-25	245.6	40	55	15	4,961	2.19	4.37	43.3	19.6	6.56	nr	91,400
05-Oct-25	500.5	71	65	25	4,279	0.82	4.33	42.4	16.1	6.67	nr	884,000
06-Oct-25	288.1	16	nr	nr	3,659	1.00	4.34	41.5	16.3	6.86	nr	72,700
07-Oct-25	207.8	10	30	5	4,446	2.08	4.33	40.8	17.6	6.85	nr	112,000
08-Oct-25	180.8	10	25	6	4,285	2.59	4.30	40.3	18.1	6.72	130,000	173,000
09-Oct-25	174.0	13	26	8	4,471	2.69	4.25	39.9	18.4	6.66	331,000	457,000
10-Oct-25	160.3	12	21	5	4,634	3.03	4.22	39.6	18.5	6.76	199,000	199,000
11-Oct-25	156.4	34	47	20	4,645	3.28	4.20	39.1	18.7	6.73	nr	459,000
12-Oct-25	318.3	28	47	14	4,552	1.42	4.11	38.4	16.1	6.62	763,000	1,250,000
13-Oct-25	172.1	23	29	9	3,098	1.94	4.03	37.9	16.9	6.78	520,000	389,000
14-Oct-25	162.9	17	32	9	3,910	3.02	3.97	37.7	17.5	6.68	2,100,000	2,140,000
15-Oct-25	154.5	16	31	12	4,495	3.13	3.93	37.7	18.0	6.73	1,050,000	1,330,000
16-Oct-25	222.8	47	66	22	6,060	2.68	3.90	37.9	18.5	6.67	1,330,000	1,040,000
17-Oct-25	320.8	37	55	12	5,101	1.20	3.77	37.1	16.1	6.76	1,540,000	2,050,000
18-Oct-25	188.1	15	39	6	3,912	1.78	3.66	36.5	16.9	6.79	na	na
19-Oct-25	169.5	9	33	8	4,390	2.69	3.59	36.2	17.8	6.68	8,160	12,000
20-Oct-25	372.5	79	80	36	5,215	1.49	3.60	36.3	16.3	6.74	1,720,000	3,870,000
21-Oct-25	400.7	25	42	9	4,047	0.69	3.59	36.1	13.4	6.92	24,200	36,500
22-Oct-25	216.8	10	30	5	3,490	1.35	3.56	35.7	16.3	6.77	5,480	7,270
23-Oct-25	196.0	9	nr	nr	4,254	1.91	3.49	35.5	17.1	6.65	4,020	4,960
24-Oct-25	185.8	9	25	6	4,293	2.44	3.42	35.4	17.6	6.64	1,960	2,220
25-Oct-25	176.0	9	25	5	4,418	2.75	3.35	35.1	17.8	6.66	2,610	2,480
26-Oct-25	170.2	7	27	6	4,068	2.85	3.28	34.8	18.0	6.64	712	882
27-Oct-25	422.9	66	74	31	5,287	1.28	3.17	33.9	16.0	6.82	657,000	1,610,000
28-Oct-25	511.2	ns	ns	ns	ns	ns	3.09	33.3	13.4	7.05	548,000	613,000
29-Oct-25	270.4	12	25	4	3,867	0.77	2.96	32.6	15.4	6.98	46,100	41,100
30-Oct-25	229.4	8	27	5	4,083	1.30	2.90	32.3	16.4	6.82	12,500	25,000
31-Oct-25	209.7	9	25	5	3,922	1.76	2.84	32.0	16.8	6.76	12,000	13,000
Max:	511.2											
Min:	147.0											
Average:	240.3	24	39	12	4,431	2.19			17.3	6.73		
Total Flow:	7,448.4											
Geo.Mean:											81,262	102,363

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