



North End Water Pollution Control Centre
Final Effluent Monitoring Report
July 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-Jul-25	140.9	20	24	6	4,156	4.98	4.65	40.7	19.0	6.62	30	190
02-Jul-25	164.3	19	25	9	4,765	3.90	4.63	40.9	18.8	6.63	130	110
03-Jul-25	149.0	23	21	7	4,573	4.06	4.66	41.1	19.1	6.60	80	150
04-Jul-25	158.7	21	21	9	5,141	4.13	4.68	41.4	19.2	6.69	50	80
05-Jul-25	142.6	22	21	8	4,691	4.03	4.68	41.5	19.7	6.68	100	320
06-Jul-25	137.4	23	25	8	4,382	4.28	4.68	41.7	19.5	6.67	90	150
07-Jul-25	226.4	54	39	18	5,457	3.60	4.65	41.6	19.0	6.52	300	200
08-Jul-25	189.3	14	17	7	2,670	1.81	4.61	41.6	18.3	6.51	280	780
09-Jul-25	148.7	16	16	5	4,134	2.56	4.62	42.1	19.4	6.54	90	240
10-Jul-25	144.0	20	21	6	4,422	3.08	4.62	42.3	18.4	6.58	90	80
11-Jul-25	147.5	17	20	6	4,749	3.10	4.60	42.4	18.9	6.65	330	260
12-Jul-25	133.3	18	25	5	4,145	3.33	4.57	42.4	19.9	6.72	1,330	2,910
13-Jul-25	130.9	13	26	5	3,966	3.83	4.56	42.4	20.1	6.74	460	1,350
14-Jul-25	140.1	15	22	5	4,091	3.73	4.57	42.4	19.5	6.64	30	50
15-Jul-25	140.3	20	22	5	3,999	3.77	4.57	42.4	19.5	6.66	350	790
16-Jul-25	138.1	19	28	6	4,184	3.91	4.60	42.6	19.8	6.66	390	770
17-Jul-25	142.8	14	26	5	4,184	3.81	4.62	42.6	19.6	6.58	400	690
18-Jul-25	144.2	15	27	6	4,167	3.90	4.61	42.5	19.8	6.62	520	930
19-Jul-25	136.3	16	30	6	3,776	3.93	4.62	42.4	19.8	6.57	100	260
20-Jul-25	131.4	ns	ns	ns	ns	ns	4.60	42.3	20.0	6.64	460	500
21-Jul-25	168.2	16	30	6	4,206	3.59	4.62	42.4	19.7	6.59	1,870	2,910
22-Jul-25	174.1	17	34	6	3,952	3.25	4.60	42.5	19.9	6.53	500	1,500
23-Jul-25	133.2	18	17	5	3,649	3.33	4.66	43.2	19.8	6.66	710	1,550
24-Jul-25	147.9	16	18	6	5,221	4.01	4.68	43.7	20.1	6.60	650	1,720
25-Jul-25	158.5	21	18	8	6,071	4.52	4.72	44.1	20.7	6.62	1,020	2,140
26-Jul-25	141.8	16	17	6	4,550	3.56	4.71	44.1	20.8	6.66	200	210
27-Jul-25	289.9	49	34	26	6,494	2.57	4.66	43.7	20.1	6.66	>24,200	>24,200
28-Jul-25	194.4	11	11	5	3,129	2.02	4.55	43.0	20.0	6.57	340	120
29-Jul-25	146.0	12	14	5	4,031	3.45	4.52	42.9	20.0	6.60	30	30
30-Jul-25	142.2	14	19	6	4,606	4.00	4.53	43.0	20.1	6.66	30	110
31-Jul-25	138.8	14	23	6	4,568	4.30	4.52	42.9	20.4	6.70	30	20
Max:	289.9											
Min:	130.9											
Average:	155.5	19	23	7	4,404	3.61			19.6	6.62		
Total Flow:	4,821.2											
Geo.Mean:											229	380

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: August 27, 2025