



North End Water Pollution Control Centre
Final Effluent Monitoring Report
February 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-Feb-25	131.1	9	12	7	5,203	2.21	3.67	49.0	14.9	6.67	<10	30
02-Feb-25	134.5	8	13	7	5,219	1.95	3.54	49.2	14.7	6.72	40	80
03-Feb-25	132.0	9	14	6	4,964	1.66	3.43	49.5	14.6	6.75	70	140
04-Feb-25	130.0	10	15	6	4,809	1.80	3.32	49.7	14.5	6.77	140	140
05-Feb-25	131.5	9	15	6	5,404	1.75	3.17	50.0	13.0	6.78	160	260
06-Feb-25	132.0	9	17	6	5,490	1.82	3.00	50.0	14.5	6.82	220	230
07-Feb-25	133.3	8	13	7	5,557	1.92	2.84	50.1	14.7	6.74	500	590
08-Feb-25	134.2	10	15	7	5,302	1.54	2.74	50.0	14.6	6.82	360	580
09-Feb-25	130.7	9	16	7	4,979	1.47	2.65	50.1	14.4	6.71	390	590
10-Feb-25	133.6	7	16	7	5,315	1.42	2.57	50.1	14.4	6.84	100	160
11-Feb-25	136.4	8	16	7	5,649	1.51	2.51	50.2	14.2	6.90	20	20
12-Feb-25	131.6	8	15	5	5,566	1.36	2.44	50.3	14.0	6.69	160	260
13-Feb-25	132.9	9	16	6	5,517	1.38	2.37	50.4	14.0	6.84	170	250
14-Feb-25	132.6	8	13	6	5,225	1.38	2.31	50.3	14.3	6.83	100	110
15-Feb-25	132.8	12	11	6	5,061	0.80	2.23	50.1	13.8	6.77	60	150
16-Feb-25	128.6	12	13	8	5,156	0.13	2.14	49.8	13.5	6.67	20	30
17-Feb-25	130.5	7	nr	nr	5,494	0.42	2.08	49.7	13.9	6.78	20	20
18-Feb-25	133.4	7	nr	nr	5,188	0.72	2.04	49.7	13.7	6.88	180	70
19-Feb-25	130.4	7	nr	nr	5,165	0.75	2.01	49.6	13.7	6.89	20	30
20-Feb-25	133.1	7	13	5	5,362	1.06	1.99	49.7	14.0	6.87	110	130
21-Feb-25	133.3	12	11	5	5,452	1.20	1.97	49.8	14.1	6.90	20	10
22-Feb-25	135.2	9	6	<4	5,422	1.19	1.93	49.5	14.2	6.84	300	310
23-Feb-25	131.7	9	11	7	5,519	1.22	1.89	49.2	14.5	6.84	300	300
24-Feb-25	189.1	13	13	6	7,299	1.07	1.86	48.8	14.6	6.68	190	280
25-Feb-25	226.7	31	17	14	7,618	0.75	1.83	48.4	13.6	6.72	50	100
26-Feb-25	162.8	9	8	4	5,014	0.22	1.77	48.1	12.0	6.83	50	60
27-Feb-25	148.3	7	13	4	5,340	0.37	1.69	47.8	13.2	6.88	40	80
28-Feb-25	134.3	8	12	4	4,632	0.44	1.64	47.5	13.4	6.97	<10	20
Max:	226.7											
Min:	128.6											
Average:	139.5	10	13	6	5,426	1.20			14.0	6.80		
Total Flow:	3,906.6											
Geo.Mean:											76	108

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: March 28, 2025