



North End Water Pollution Control Centre
Final Effluent Monitoring Report
April 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-Apr-25	149.2	9	16	5	4,894	2.68	1.35	44.2	12.6	6.81	160	230
02-Apr-25	205.4	13	20	8	7,211	2.75	1.44	44.4	13.4	6.69	20	90
03-Apr-25	218.1	20	24	10	6,130	2.26	1.50	44.6	12.0	6.80	910	1,530
04-Apr-25	172.1	14	18	8	4,200	1.98	1.56	44.3	12.0	6.79	50	20
05-Apr-25	188.0	11	21	7	4,511	2.24	1.62	43.9	12.0	6.84	10	50
06-Apr-25	167.0	11	13	7	4,225	2.46	1.68	43.5	11.9	6.80	30	50
07-Apr-25	151.6	10	14	7	4,686	2.41	1.74	43.6	12.6	6.84	<10	30
08-Apr-25	149.6	10	16	7	5,728	2.86	1.84	44.0	13.3	6.82	20	20
09-Apr-25	236.7	28	35	nr	8,070	2.69	1.95	44.4	13.4	6.73	20	100
10-Apr-25	240.9	17	37	9	5,782	2.04	2.02	43.8	11.1	6.90	470	710
11-Apr-25	216.0	15	25	10	5,639	1.95	2.08	43.3	12.2	6.82	<10	40
12-Apr-25	222.2	12	23	8	5,222	1.96	2.12	42.4	12.4	6.85	10	10
13-Apr-25	195.4	12	15	nr	4,866	2.10	2.16	41.9	12.3	6.81	10	30
14-Apr-25	217.4	17	20	9	5,566	2.29	2.23	41.8	12.0	6.87	100	70
15-Apr-25	184.2	16	nr	nr	6,003	2.30	2.31	41.8	12.3	6.85	20	20
16-Apr-25	181.1	15	nr	nr	6,174	2.80	2.38	41.7	12.9	6.86	150	150
17-Apr-25	194.0	16	nr	nr	6,248	2.38	2.44	41.5	13.1	7.00	470	500
18-Apr-25	157.0	13	14	7	5,621	2.58	2.50	41.5	13.2	6.87	30	70
19-Apr-25	152.1	13	nr	nr	5,279	2.47	2.53	41.5	13.3	6.83	20	10
20-Apr-25	150.7	12	nr	nr	5,079	2.21	2.61	41.7	13.8	6.87	10	10
21-Apr-25	151.0	13	nr	nr	5,287	2.99	2.68	41.8	14.0	6.86	20	10
22-Apr-25	195.5	24	22	14	7,448	3.36	2.75	41.9	14.0	6.86	710	1,240
23-Apr-25	205.8	17	11	8	6,255	1.88	2.80	41.3	13.2	6.90	270	510
24-Apr-25	175.5	16	19	8	5,949	2.56	2.86	41.2	13.9	6.88	110	170
25-Apr-25	163.8	14	9	6	5,702	2.83	2.91	41.2	13.9	6.91	60	100
26-Apr-25	160.8	11	19	6	5,548	2.84	2.98	41.3	14.3	6.89	20	30
27-Apr-25	153.6	12	11	5	5,207	3.05	3.02	41.2	15.1	6.88	20	10
28-Apr-25	157.4	12	19	6	5,414	3.17	3.03	41.0	14.0	6.84	10	10
29-Apr-25	151.5	15	27	7	5,877	3.61	3.07	41.1	13.9	6.96	2,610	3,450
30-Apr-25	223.4	20	22	10	6,747	2.53	3.07	41.1	13.0	6.87	640	840
Max:	240.9											
Min:	149.2											
Average:	182.9	15	20	8	5,686	2.54			13.0	6.85		
Total Flow:	5,487.0											
Geo.Mean:											52	78

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: May 29, 2025