



North End Water Pollution Control Centre
Final Effluent Monitoring Report
March 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-Mar-25	129.1	8	11	4	4,711	0.70	1.61	47.5	13.7	6.77	20	30
02-Mar-25	152.4	8	14	4	5,763	0.77	1.58	47.4	14.1	6.74	20	10
03-Mar-25	198.2	16	15	8	5,808	0.52	1.53	47.0	13.6	6.72	30	60
04-Mar-25	141.3	6	8	4	3,941	0.33	1.46	46.5	11.7	7.01	30	10
05-Mar-25	133.6	7	14	4	5,278	0.64	1.43	46.4	13.6	6.83	20	10
06-Mar-25	135.0	7	12	5	5,603	0.91	1.39	46.4	13.8	6.77	70	60
07-Mar-25	130.3	7	15	4	5,718	0.90	1.36	46.3	14.0	6.85	100	60
08-Mar-25	183.1	7	14	5	7,031	0.86	1.33	46.0	14.4	6.72	60	100
09-Mar-25	203.5	17	17	9	5,515	0.45	1.28	45.8	12.9	6.81	20	40
10-Mar-25	150.4	5	11	5	4,046	0.27	1.23	45.4	11.4	6.96	120	180
11-Mar-25	139.4	5	11	4	5,659	0.43	1.18	45.5	12.8	6.90	410	540
12-Mar-25	147.9	8	14	4	6,656	0.69	1.15	45.7	13.8	6.78	260	230
13-Mar-25	150.0	8	22	4	6,256	0.82	1.11	46.1	13.8	6.84	260	380
14-Mar-25	211.2	21	23	9	7,013	0.79	1.10	46.1	13.7	6.83	230	300
15-Mar-25	143.2	9	12	<4	3,751	0.29	1.06	45.7	11.4	6.80	390	550
16-Mar-25	133.2	7	18	<4	4,423	0.48	1.03	45.5	13.1	6.75	170	230
17-Mar-25	143.4	6	20	4	5,350	0.56	1.02	45.5	13.8	6.77	200	100
18-Mar-25	137.8	6	19	<4	5,238	0.75	1.03	45.5	13.9	6.75	200	290
19-Mar-25	147.8	7	18	4	5,645	1.00	1.05	45.4	13.9	6.71	40	30
20-Mar-25	198.4	17	29	9	7,203	1.44	1.08	45.2	14.0	6.73	30	20
21-Mar-25	142.5	8	11	6	4,046	0.62	1.07	44.9	11.6	6.76	40	20
22-Mar-25	128.9	7	11	<4	4,665	0.76	1.05	44.6	13.2	6.77	90	200
23-Mar-25	128.8	8	12	4	5,124	1.01	1.05	44.5	13.8	6.87	220	250
24-Mar-25	152.2	10	14	6	6,134	1.06	1.04	44.8	14.0	6.76	10	40
25-Mar-25	189.0	13	13	5	6,749	1.06	1.03	44.7	13.6	6.76	110	110
26-Mar-25	210.4	13	15	7	6,101	0.79	1.02	44.5	12.4	6.77	60	70
27-Mar-25	153.6	9	11	4	4,409	0.77	1.00	44.4	12.0	6.76	10	110
28-Mar-25	138.9	8	15	4	5,001	1.70	1.06	44.4	12.8	6.72	170	130
29-Mar-25	160.1	8	13	5	5,906	2.41	1.14	44.7	13.4	6.77	50	50
30-Mar-25	157.2	9	13	6	5,422	2.47	1.22	44.6	12.8	6.79	40	50
31-Mar-25	167.0	12	16	6	5,713	2.67	1.30	44.3	12.9	6.80	120	140
Max:	211.2											
Min:	128.8											
Average:	156.1	9	15	5	5,480	0.93			13.2	6.79		
Total Flow:	4,837.8											
Geo.Mean:											72	82

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: April 30, 2025