



North End Water Pollution Control Centre
Final Effluent Monitoring Report
July 2024

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample			
		TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
01-Jul-24	356.1	82	60	21	2,810	1.23	2.03	26.9	16.7	6.91	>24,200	>24,200
02-Jul-24	654.4	43	nr	nr	2,441	0.54	1.98	26.3	17.1	7.12	>24,200	>24,200
03-Jul-24	393.1	14	12	6	2,355	0.76	1.98	26.2	17.2	7.01	1,660	1,620
04-Jul-24	401.0	42	38	19	2,466	0.96	1.98	26.1	17.7	7.03	860	760
05-Jul-24	391.3	11	12	5	1,847	0.94	1.98	25.9	17.9	6.96	1,160	1,410
06-Jul-24	310.3	13	18	5	1,728	1.19	1.98	25.6	17.9	6.91	250	380
07-Jul-24	277.8	13	19	5	1,411	1.32	1.98	25.3	18.0	6.75	100	120
08-Jul-24	260.4	7	nr	nr	1,086	0.96	1.96	25.0	18.7	6.81	340	150
09-Jul-24	237.2	9	13	4	1,995	0.73	1.92	24.7	19.1	6.77	40	50
10-Jul-24	226.8	10	13	4	1,991	0.60	1.88	24.4	19.2	6.68	30	110
11-Jul-24	212.7	10	11	4	2,123	0.55	1.86	24.3	19.1	6.69	40	30
12-Jul-24	206.0	10	12	4	2,307	0.77	1.82	24.0	19.3	6.65	40	20
13-Jul-24	310.4	16	45	13	2,561	0.28	1.79	23.4	19.6	6.64	>24,200	>24,200
14-Jul-24	240.4	35	45	14	1,536	0.41	1.74	22.6	19.3	6.48	120	170
15-Jul-24	368.5	18	18	6	1,375	0.37	1.64	21.7	19.6	6.65	9,800	8,660
16-Jul-24	253.8	9	11	<4	2,013	0.54	1.64	21.9	18.7	6.74	340	250
17-Jul-24	198.1	10	14	<4	1,817	0.61	1.61	22.1	20.2	6.61	340	270
18-Jul-24	185.7	7	12	<4	1,723	0.58	1.61	22.4	19.7	6.59	220	390
19-Jul-24	181.3	11	15	4	1,867	0.58	1.60	22.5	20.3	6.59	50	20
20-Jul-24	173.0	9	20	4	2,093	0.66	1.58	22.8	20.8	6.57	220	190
21-Jul-24	167.2	70	>75	30	2,057	0.33	1.56	22.6	21.0	6.56	120	60
22-Jul-24	337.4	8	15	4	1,400	0.26	1.49	22.2	21.6	6.56	1,400	1,080
23-Jul-24	195.1	10	18	4	1,483	0.32	1.45	22.1	20.9	6.61	440	460
24-Jul-24	172.8	15	26	5	1,866	0.37	1.39	22.1	21.5	6.61	440	360
25-Jul-24	185.0	12	31	6	2,609	0.26	1.32	22.0	21.6	6.68	290	340
26-Jul-24	173.9	17	23	5	2,591	0.28	1.25	21.5	nr	6.53	120	110
27-Jul-24	161.3	12	19	5	2,274	0.40	1.18	21.2	20.7	6.57	280	180
28-Jul-24	156.8	19	17	5	2,180	0.46	1.15	21.4	20.5	6.61	190	160
29-Jul-24	179.0	15	24	10	2,846	0.69	1.16	21.6	20.0	6.72	80	50
30-Jul-24	166.4	17	16	7	2,463	0.42	1.13	21.7	20.6	6.71	2,100	2,140
31-Jul-24	164.8	8	17	6	3,230	0.42	1.10	22.2	20.9	6.65	3,080	4,610
Max:	654.4											
Min:	156.8											
Average:	254.8	19	23	7	2,082	0.61			19.5	6.71		
Total Flow:	7,898.0											
Geo.Mean:											429	400

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