



North End Water Pollution Control Centre Monitoring Data

April 01, 2022 to April 30, 2022

Licence # 2684 RRR	File # 1071.1	Final Effluent 24 Hour Composite							Final Effluent Grab Sample			
		TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
01-Apr-22	371.0	98	45	>37	5,120	nr	1.49	34.3	9.5	6.87	90	130
02-Apr-22	359.4	46	25	22	4,636	1.00	1.50	33.6	7.7	7.00	100	120
03-Apr-22	263.4	33	20	17	4,083	1.06	1.52	32.7	8.5	6.92	40	100
04-Apr-22	388.3	94	42	25	5,203	1.13	1.53	31.8	9.1	6.87	20	60
05-Apr-22	449.9	37	32	27	4,544	0.91	1.54	30.6	7.5	7.05	80	100
06-Apr-22	468.7	114	47	40	4,546	0.92	1.57	29.5	7.2	7.08	380	300
07-Apr-22	611.3	76	35	29	4,132	0.65	1.60	28.2	7.3	7.21	>24,200	10,100
08-Apr-22	436.3	36	23	20	4,315	0.88	1.62	27.2	8.0	7.08	160	190
09-Apr-22	383.2	40	25	22	4,330	1.04	1.64	26.1	9.1	6.94	150	180
10-Apr-22	447.3	37	19	17	4,187	0.83	1.66	25.0	8.3	7.07	3,080	2,100
11-Apr-22	361.2	22	12	11	4,443	0.99	1.64	23.9	9.2	7.06	120	160
12-Apr-22	272.5	16	9	7	4,360	1.32	1.65	23.1	9.6	7.03	60	60
13-Apr-22	217.8	9	8	6	4,204	1.60	1.67	22.4	10.2	6.99	nr	<10
14-Apr-22	196.5	11	19	7	nr	2.11	1.69	21.8	7.9	7.04	20	<10
15-Apr-22	180.8	13	11	7	4,231	1.92	1.70	21.5	10.6	6.94	30	10
16-Apr-22	184.5	11	13	8	5,369	3.62	1.77	21.7	11.4	6.98	10	10
17-Apr-22	179.9	11	14	9	4,623	2.93	1.84	21.9	11.4	6.89	<10	10
18-Apr-22	248.0	26	24	19	5,580	2.45	1.89	22.2	11.4	6.89	30	20
19-Apr-22	245.4	18	27	13	4,933	2.03	1.94	22.4	10.6	6.86	20	10
20-Apr-22	390.7	96	44	>35	5,001	1.17	1.96	22.4	10.7	6.82	1,720	1,840
21-Apr-22	521.9	74	38	31	4,911	0.78	1.97	22.5	8.2	7.17	>24,200	>24,200
22-Apr-22	612.3	208	65	51	4,200	1.28	1.99	22.3	7.8	7.21	>24,200	>24,200
23-Apr-22	835.5	200	52	50	3,150	0.51	1.98	22.1	6.3	7.41	>24,200	>24,200
24-Apr-22	866.8	108	37	35	2,973	0.62	1.97	21.9	6.4	7.63	>24,200	>24,200
25-Apr-22	579.4	67	32	28	4,502	0.52	1.96	21.7	7.1	7.45	>24,200	>24,200
26-Apr-22	435.5	58	27	24	4,102	0.61	1.94	21.3	7.5	7.24	310	470
27-Apr-22	393.4	41	20	17	4,170	0.65	1.91	20.8	8.7	7.11	410	200
28-Apr-22	360.0	25	14	12	4,572	0.87	1.87	20.4	10.8	7.12	nr	nr
29-Apr-22	406.2	85	45	29	3,729	0.69	1.85	20.0	9.6	7.10	60	60
30-Apr-22	829.7	86	49	39	2,572	0.52	1.83	19.4	7.5	7.37	>24,200	>24,200
Max:	866.8											
Min:	179.9											
Average:	416.6	60	29	23	4,370	1.23			8.8	7.08		
Total Flow:	12,496.8											
Geo.Mean:											347	288

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) Where value is expressed as less than (<), the value is halved and used in the calculations
- (4) * = 30 day rolling average
- (5) 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 plant