



North End Water Pollution Control Centre Monitoring Data

April 01, 2023 to April 30, 2023

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-23	161.1	14	19	5	4,930	0.72	1.12	46.9	12.6	6.82	40	70
02-Apr-23	163.2	15	28	7	5,108	0.59	1.12	46.5	12.8	6.82	40	50
03-Apr-23	157.3	12	15	5	4,939	0.33	1.11	46.1	12.9	6.86	40	60
04-Apr-23	139.5	11	22	5	5,273	0.43	1.10	45.9	13.1	6.86	80	130
05-Apr-23	140.5	11	19	5	5,522	0.63	1.11	45.7	13.4	6.91	40	20
06-Apr-23	168.6	11	27	6	6,744	0.79	1.12	45.5	13.4	6.81	40	150
07-Apr-23	180.4	17	17	6	6,007	0.58	1.12	45.0	13.0	6.84	80	130
08-Apr-23	263.1	88	38	26	6,735	<0.02	1.13	44.2	12.8	6.81	60	50
09-Apr-23	340.3	82	nr	nr	5,513	0.14	1.13	43.1	10.8	6.81	240	240
10-Apr-23	392.2	74	43	20	5,452	0.22	1.13	42.0	10.0	6.91	450	550
11-Apr-23	452.7	81	34	20	5,659	0.21	1.14	41.1	9.7	6.98	>24,200	>24,200
12-Apr-23	411.8	39	22	13	4,777	0.19	1.13	40.1	9.7	7.06	110	160
13-Apr-23	336.9	19	12	6	5,121	0.23	1.12	39.2	10.3	7.03	40	60
14-Apr-23	332.4	22	17	6	4,986	0.32	1.11	38.4	10.0	7.04	>24,200	>24,200
15-Apr-23	260.0	12	11	5	4,394	0.53	1.10	37.6	10.4	7.05	30	50
16-Apr-23	245.1	14	14	5	4,902	0.69	1.10	36.9	10.6	7.04	20	120
17-Apr-23	249.8	13	15	5	5,171	0.80	1.09	36.2	10.6	7.00	90	110
18-Apr-23	238.3	13	15	5	5,290	1.14	1.09	35.5	10.7	6.93	60	60
19-Apr-23	222.4	11	20	5	5,115	1.25	1.11	34.9	10.6	6.95	20	30
20-Apr-23	241.3	13	24	6	5,671	1.29	1.13	34.1	11.0	6.90	90	70
21-Apr-23	221.9	11	24	4	5,459	1.37	1.15	33.4	10.9	6.95	20	10
22-Apr-23	207.0	14	13	5	4,802	1.62	1.18	32.8	11.5	6.89	40	50
23-Apr-23	192.8	13	20	5	4,762	1.76	1.21	32.3	11.6	6.88	20	40
24-Apr-23	198.5	10	15	5	4,923	1.98	1.26	32.1	12.0	6.83	10	10
25-Apr-23	202.3	9	15	6	5,078	1.95	1.30	31.8	12.2	6.80	30	10
26-Apr-23	340.8	76	48	35	6,100	1.40	1.36	31.4	12.1	6.89	30	20
27-Apr-23	282.6	12	11	6	4,719	0.87	1.37	30.7	10.3	6.92	30	50
28-Apr-23	221.9	10	11	6	4,571	1.37	1.39	30.1	11.8	6.85	30	40
29-Apr-23	204.4	12	10	5	4,660	1.60	1.42	29.5	12.0	6.87	10	20
30-Apr-23	200.2	12	14	6	4,645	1.84	1.45	29.1	12.2	6.99	10	20
Max:	452.7											
Min:	139.5											
Average:	245.6	25	20	8	5,234	0.90			11.5	6.91		
Total Flow:	7,369.3											
Geo.Mean:											63	80

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