



North End Water Pollution Control Centre Monitoring Data
May 01, 2022 to May 31, 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
Date	Raw Sewage Daily Flow ML	(mg/L)	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
01-May-22	768.8	50	28	23	3,406	0.64	1.80	19.1	7.3	7.64	>24,200	>24,200
02-May-22	545.0	45	18	16	4,017	0.45	1.78	18.8	8.4	7.35	>24,200	>24,200
03-May-22	400.5	30	19	15	3,761	0.80	1.75	18.7	9.1	7.22	1,570	1,330
04-May-22	367.5	23	15	12	4,337	0.70	1.74	18.7	9.9	7.11	190	170
05-May-22	340.0	24	13	11	4,318	0.85	1.73	18.8	10.8	7.09	70	110
06-May-22	308.6	23	12	10	5,370	1.53	1.72	19.0	11.2	7.06	80	60
07-May-22	295.3	42	16	16	4,370	1.02	1.73	19.4	11.7	7.07	30	50
08-May-22	349.5	22	14	11	4,404	0.88	1.72	19.5	11.9	7.00	80	60
09-May-22	489.8	112	47	36	4,678	1.12	1.71	19.5	11.7	7.14	>24,200	>24,200
10-May-22	531.2	38	26	23	4,983	0.73	1.71	19.6	11.4	7.37	>24,200	>24,200
11-May-22	360.1	23	14	11	4,465	0.91	1.71	19.7	11.6	7.16	610	880
12-May-22	320.0	48	23	19	4,320	1.13	1.71	19.6	11.8	7.17	190	360
13-May-22	521.3	31	19	15	4,713	0.59	1.69	19.3	12.1	7.15	>24,200	>24,200
14-May-22	313.5	19	11	9	4,295	0.87	1.65	19.1	11.8	7.14	420	530
15-May-22	275.3	17	13	10	4,267	1.21	1.64	18.8	11.9	7.22	100	140
16-May-22	263.4	34	17	14	5,189	0.35	1.56	18.5	11.8	7.16	80	50
17-May-22	317.1	86	36	34	5,391	0.85	1.52	18.0	12.1	7.07	510	790
18-May-22	646.3	93	33	28	4,892	0.48	1.47	17.6	11.0	7.19	>24,200	>24,200
19-May-22	508.4	68	30	30	4,332	0.62	1.43	17.3	11.0	7.31	>24,200	>24,200
20-May-22	640.0	62	28	24	3,245	0.44	1.40	17.0	10.0	7.32	>24,200	>24,200
21-May-22	534.4	34	20	17	4,468	0.64	1.38	16.9	10.1	7.49	>24,200	>24,200
22-May-22	383.0	21	11	10	3,761	0.82	1.36	17.1	10.9	7.33	250	240
23-May-22	321.4	18	10	9	3,600	0.99	1.36	17.4	11.2	7.33	120	110
24-May-22	300.0	15	10	8	4,530	1.10	1.37	17.8	11.8	7.29	100	120
25-May-22	284.2	14	11	9	6,849	1.30	1.39	18.4	12.5	7.18	110	140
26-May-22	258.6	11	8	8	5,534	1.10	1.40	18.9	12.8	7.12	230	280
27-May-22	243.2	13	10	9	4,888	1.05	1.41	19.3	13.0	7.08	60	90
28-May-22	262.2	15	9	7	4,929	0.94	1.41	19.5	13.1	7.05	50	90
29-May-22	444.1	64	27	27	5,018	0.70	1.41	19.5	13.7	7.04	>24,200	>24,200
30-May-22	493.6	77	26	22	4,284	0.52	1.40	19.7	13.2	7.24	160	200
31-May-22	640.6	57	20	17	2,883	0.45	1.40	19.6	12.3	7.28	>24,200	>24,200
Max:	768.8											
Min:	243.2											
Average:	410.5	40	19	16	4,500	0.83			11.4	7.21		
Total Flow:	12,726.9											
Geo.Mean:											907	1,011

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