



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

Licence # 2684 RRR	File # 1071.1	24 Hour Composite							Grab Sample			
Date	Raw Sewage Daily Flow	TSS	BOD5	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
	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-Nov-24	133.0	10	18	5	4,163	5.72	4.44	45.8	19.1	6.62	<10	20
02-Nov-24	131.7	15	19	8	4,070	5.63	4.49	46.0	19.1	6.52	10	<10
03-Nov-24	331.8	84	>74	>36	4,645	2.37	4.43	45.2	15.6	6.51	660	560
04-Nov-24	374.8	21	20	8	2,923	0.73	4.30	44.1	12.6	6.69	110	160
05-Nov-24	164.5	20	18	7	2,764	1.93	4.27	43.7	16.1	6.54	50	50
06-Nov-24	149.8	8	7	5	3,640	2.68	4.27	43.5	17.1	6.60	20	10
07-Nov-24	146.4	9	9	5	4,011	4.62	4.27	43.4	17.9	6.61	30	40
08-Nov-24	144.5	8	10	4	3,959	5.00	4.29	43.1	18.1	6.60	10	<10
09-Nov-24	140.5	8	11	4	3,765	5.08	4.27	42.9	18.4	6.62	140	190
10-Nov-24	135.3	9	12	4	3,558	4.86	4.27	42.8	18.4	6.57	20	10
11-Nov-24	135.0	9	13	4	3,497	5.19	4.24	42.8	18.2	6.61	100	110
12-Nov-24	139.8	10	16	5	3,481	5.18	4.32	43.3	18.0	6.60	50	80
13-Nov-24	143.6	12	16	6	3,719	3.85	4.34	43.7	17.9	6.57	510	770
14-Nov-24	138.7	10	16	6	3,703	4.61	4.38	43.9	18.2	6.57	730	380
15-Nov-24	141.4	15	18	8	4,200	4.01	4.43	44.1	18.6	6.63	10	10
16-Nov-24	141.1	32	44	27	4,431	5.44	4.52	43.9	18.4	6.54	60	60
17-Nov-24	244.1	22	40	12	4,076	2.30	4.48	43.2	14.3	6.63	180	170
18-Nov-24	145.0	16	15	8	3,132	3.01	4.47	42.8	16.4	6.54	50	60
19-Nov-24	454.1	118	71	47	5,313	1.73	4.48	42.0	12.8	6.73	>24,200	>24,200
20-Nov-24	400.6	36	23	13	3,790	0.94	4.44	41.0	12.6	6.82	500	990
21-Nov-24	205.1	13	13	7	2,789	1.72	4.40	40.3	14.3	6.76	240	330
22-Nov-24	176.4	13	10	6	2,999	2.28	4.42	39.8	15.7	6.66	90	90
23-Nov-24	161.3	9	12	7	3,145	3.17	4.46	39.4	16.2	6.64	110	80
24-Nov-24	155.2	12	15	9	3,228	3.83	4.46	39.0	16.3	6.63	40	180
25-Nov-24	158.4	13	17	10	3,105	3.84	4.45	38.5	16.0	6.59	100	110
26-Nov-24	156.9	13	18	10	3,609	3.98	4.44	38.1	16.4	6.63	100	260
27-Nov-24	156.2	11	18	7	3,796	2.36	4.36	37.9	16.6	6.65	530	560
28-Nov-24	152.6	8	17	6	3,586	0.56	4.21	37.5	16.5	6.63	2,600	3,080
29-Nov-24	155.4	9	13	5	3,667	1.69	4.09	37.2	16.1	6.60	130	230
30-Nov-24	147.5	7	14	5	3,540	2.94	4.02	36.8	15.4	6.64	20	20
Max:	454.1											
Min:	131.7											
Average:	185.4	19	21	10	3,677	3.37			16.6	6.62		
Total Flow:	5,560.7											
Geo.Mean:											101	115

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: December 27, 2024