Winnipeg | Water and Waste / Eaux et déchets

North End Water Pollution Control Centre Monitoring Data

March 01, 2024 to March 31, 2024

Licence # 2684 RRR	File # 1071.1	Final Effluent 24 Hour Composite							Final Effluent 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-Mar-24	146.2	9	26	6	6,126	0.58	1.15	45.4	14.0	6.75	50	90
02-Mar-24	132.6	10	26	5	5,476	0.33	1.16	46.2	13.7	6.69	20	50
03-Mar-24	133.2	9	29	6	5,808	0.40	1.17	47.0	13.8	6.74	10	10
04-Mar-24	137.1	7	24	5	6,430	0.47	1.19	47.6	14.1	6.79	20	20
05-Mar-24	144.7	11	22	5	6,323	1.41	1.23	48.3	13.8	6.75	30	20
06-Mar-24	144.1	11	23	6	6,384	2.49	1.33	48.7	13.9	6.81	10	<10
07-Mar-24	144.8	9	27	6	6,748	3.29	1.45	49.7	14.0	6.75	10	20
08-Mar-24	145.8	12	28	6	6,721	3.72	1.56	50.3	14.3	6.70	<10	30
09-Mar-24	145.2	12	26	6	6,040	3.75	1.69	51.2	14.4	6.77	30	30
10-Mar-24	175.8	20	31	12	6,768	4.06	1.85	51.7	14.3	6.76	20	30
11-Mar-24	286.0	77	48	31	6,750	2.04	1.94	51.5	12.9	6.63	40	80
12-Mar-24	247.9	16	21	9	5,751	1.34	1.99	51.0	10.2	6.87	120	140
13-Mar-24	243.1	24	23	14	6,369	1.87	2.05	50.7	11.3	6.79	40	100
14-Mar-24	251.0	26	25	15	6,426	1.76	2.12	50.1	10.9	6.77	120	100
15-Mar-24	217.6	17	18	8	5,201	1.36	2.16	49.5	10.8	6.76	30	60
16-Mar-24	175.8	8	12	5	4,008	1.22	2.16	48.7	10.8	6.77	30	50
17-Mar-24	145.7	11	14	5	4,371	1.65	2.18	48.4	12.2	6.76	50	80
18-Mar-24	168.5	6	14	5	5,527	1.91	2.20	48.1	13.3	6.74	10	40
19-Mar-24	158.5	9	17	6	5,262	1.81	2.20	47.8	12.5	6.73	10	60
20-Mar-24	159.3	11	16	6	5,767	2.36	2.19	47.7	12.8	6.78	<10	<10
21-Mar-24	162.1	10	18	6	6,662	2.14	2.20	48.2	12.9	6.82	<10	<10
22-Mar-24	155.4	14	20	6	5,952	2.22	2.22	48.3	12.6	6.76	10	10
23-Mar-24	152.1	11	23	7	5,445	2.10	2.24	48.4	12.7	6.75	50	70
24-Mar-24	146.3	7	24	7	5,355	2.21	2.29	48.2	12.9	6.74	90	80
25-Mar-24	147.5	8	14	6	5,399	2.14	2.33	48.2	13.1	6.80	40	80
26-Mar-24	147.5	11	13	6	5,531	2.18	2.39	48.4	12.9	6.82	70	120
27-Mar-24	148.5	12	12	6	6,163	2.24	2.44	49.0	12.8	6.76	120	140
28-Mar-24	157.6	10	18	9	6,462	2.14	2.49	48.8	13.4	6.89	60	160
29-Mar-24	136.8	11	24	9	5,021	2.04	2.54	48.5	13.4	6.76	90	110
30-Mar-24	146.9	13	26	11	5,905	2.14	2.59	48.4	13.7	6.66	60	130
31-Mar-24	147.4	15	37	10	5,233	1.98	2.64	47.6	13.5	6.68	120	150
Max:	286.0											
Min:	132.6											
Average:	**166.2**	**14**	**23**	**8**	**5,851**	**1.98**			**13.0**	**6.76**		
Total Flow:	5,151.0											
Geo.Mean:											**29**	**45**

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: April 30, 2024