

**City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data**

March 2021

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample					
		Date	Final Effluent Daily Flow ML	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
				(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
1-Mar-21	17.8	11	9	13.6	0.221	0.4	5.9	2.8	7.26	40	40		
2-Mar-21	17.8	11	9	12.4	0.203	0.4	6.0	2.4	7.29	10	20		
3-Mar-21	17.8	10	10	10.8	0.211	0.5	6.0	3.3	7.31	10	10		
4-Mar-21	17.8	12	11	8.9	0.144	0.5	6.1	3.0	7.37	10	<10		
5-Mar-21	17.9	14	11	6.6	nr	0.5	6.1	3.4	7.32	10	<10		
6-Mar-21	18.0	13	>11	4.7	0.479	0.5	6.1	2.2	7.39	<10	20		
7-Mar-21	18.4	16	>11	3.9	0.154	0.5	6.1	2.2	7.45	30	10		
8-Mar-21	19.0	12	10	3.0	0.051	0.5	6.1	3.7	7.47	<10	10		
9-Mar-21	19.5	14	12	1.9	0.039	0.5	6.1	3.9	7.47	10	10		
10-Mar-21	19.5	13	12	1.2	0.026	0.5	6.2	3.5	7.50	10	<10		
11-Mar-21	19.4	14	14	0.1	0.051	0.5	6.2	3.7	7.63	<10	10		
12-Mar-21	18.6	18	19	0.1	0.036	0.5	6.2	3.2	7.76	<10	<10		
13-Mar-21	19.4	20	16	0.1	0.021	0.5	6.1	2.8	7.90	<10	<10		
14-Mar-21	19.3	19	17	1.6	0.029	0.5	6.1	2.9	8.04	<10	<10		
15-Mar-21	19.2	18	16	0.2	0.034	0.5	6.1	4.0	8.25	<10	<10		
16-Mar-21	19.2	19	16	0.4	<0.013	0.5	6.1	4.0	8.26	<10	<10		
17-Mar-21	19.0	22	nr	7.3	0.035	0.5	6.0	6.6	8.14	<10	<10		
18-Mar-21	18.8	20	>12	0.9	0.033	0.5	5.9	4.3	8.36	<10	<10		
19-Mar-21	18.8	nr	13	0.6	0.033	0.5	5.9	nr	8.40	<10	<10		
20-Mar-21	18.7	20	14	0.1	<0.013	0.5	5.8	3.6	8.44	<10	<10		
21-Mar-21	18.6	17	15	0.8	<0.013	0.5	5.7	3.9	8.52	10	<10		
22-Mar-21	18.6	24	nr	0.2	<0.013	0.5	5.7	4.7	8.58	10	10		
23-Mar-21	18.5	19	nr	1.3	0.031	0.5	5.6	5.4	8.63	<10	<10		
24-Mar-21	18.4	18	nr	0.7	0.026	0.5	5.5	4.0	8.56	10	20		
25-Mar-21	18.2	20	nr	1.1	0.033	0.4	5.4	5.0	8.78	<10	<10		
26-Mar-21	18.2	19	nr	0.5	0.031	0.4	5.3	4.7	8.68	<10	<10		
27-Mar-21	18.0	21	nr	0.6	0.034	0.4	5.2	3.4	8.85	<10	10		
28-Mar-21	17.8	18	8	0.6	0.024	0.4	5.1	3.2	8.97	<10	<10		
29-Mar-21	17.7	21	10	0.5	0.027	0.4	5.0	4.4	8.88	<10	<10		
30-Mar-21	17.7	23	12	0.5	0.032	0.4	4.9	3.1	8.90	<10	<10		
31-Mar-21	17.3	20	9	0.7	0.029	0.4	4.8	3.2	8.90	<10	<10		
Max:	19.5												
Min:	17.3												
Average:	18.5	17	12	2.8	0.070			3.7	8.11				
Total Flow:	572.6												
Geo.Mean:										7	7		

Notes:

- (1) nr - not recorded or no result; na - not analyzed; ns - no sample
- (2) Where value is expressed as less than (<), the value is halved and used in the calculations
- (3) * = 30 day rolling average