

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

March 2020

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-20	17.3	5	<4	15.9	0.648	0.9	6.5	2.2	7.27	<10	<10		
2-Mar-20	17.3	5	<4	15.4	0.599	0.9	6.5	3.0	7.15	<10	<10		
3-Mar-20	17.6	3	<4	16.5	0.589	0.9	6.5	3.2	7.10	10	<10		
4-Mar-20	17.8	6	<4	15.6	0.590	0.9	6.5	2.9	7.20	<10	<10		
5-Mar-20	17.4	5	<4	17.1	0.583	0.9	6.5	2.0	7.29	<10	<10		
6-Mar-20	16.8	7	<4	35.1	0.512	0.9	6.5	2.8	7.13	<10	<10		
7-Mar-20	17.7	5	<4	14.2	0.505	0.9	6.5	2.5	7.24	<10	<10		
8-Mar-20	17.7	6	4	12.9	0.532	0.9	6.6	3.1	7.36	<10	<10		
9-Mar-20	17.8	6	<4	12.7	0.532	0.9	6.6	2.5	7.14	<10	<10		
10-Mar-20	17.9	6	<4	11.3	0.463	0.8	6.7	2.7	7.17	<10	<10		
11-Mar-20	17.9	5	<4	9.1	0.446	0.8	6.6	2.5	7.17	<10	<10		
12-Mar-20	17.9	5	5	10.0	0.442	0.8	6.6	2.5	7.21	<10	<10		
13-Mar-20	17.8	9	7	10.1	0.437	0.8	6.5	2.9	7.19	10	<10		
14-Mar-20	17.9	7	4	33.8	0.427	0.8	6.4	5.6	7.26	<10	<10		
15-Mar-20	18.0	8	5	6.6	0.384	0.8	6.4	4.7	7.55	<10	<10		
16-Mar-20	18.0	7	6	9.9	0.371	0.8	6.3	5.0	7.30	10	10		
17-Mar-20	18.0	8	7	11.2	0.369	0.8	6.3	3.6	7.35	20	<10		
18-Mar-20	17.9	8	7	6.5	0.342	0.8	6.2	2.3	7.40	<10	<10		
19-Mar-20	17.8	9	8	10.9	0.310	0.8	6.2	4.1	7.37	<10	<10		
20-Mar-20	17.8	14	9	7.1	0.295	0.8	6.2	1.3	7.45	<10	<10		
21-Mar-20	17.8	11	9	7.2	0.288	0.8	6.2	6.4	7.35	<10	<10		
22-Mar-20	17.8	12	10	6.2	0.257	0.8	6.1	5.2	7.42	10	<10		
23-Mar-20	18.0	11	10	1.2	0.226	0.8	6.0	4.5	7.56	<10	<10		
24-Mar-20	18.2	12	12	0.9	0.244	0.7	6.0	4.2	7.66	<10	20		
25-Mar-20	18.5	12	>12	3.2	0.177	0.7	6.0	2.4	7.66	10	<10		
26-Mar-20	18.9	15	>12	1.6	0.181	0.7	6.0	5.0	7.71	<10	<10		
27-Mar-20	19.8	23	>13	30.3	0.144	0.7	6.0	3.9	7.87	<10	<10		
28-Mar-20	21.1	24	16	0.5	0.122	0.7	5.9	3.1	8.01	<10	<10		
29-Mar-20	23.2	18	>19	7.9	0.099	0.7	5.9	4.2	8.05	<10	<10		
30-Mar-20	26.2	19	16	4.1	0.075	0.7	5.9	4.2	8.24	<10	<10		
31-Mar-20	29.5	18	18	0.2	0.076	0.7	5.9	4.4	8.27	<10	<10		
Max:	29.5												
Min:	16.8												
Average:	18.8	10	7	11.1	0.363			3.5	7.45				
Total Flow:	583.3												
Geo.Mean:										<10	<10		

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