

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

**January 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-Jan-20	19.9	12	6	12.7	0.342	0.4	5.5	2.5	7.56	<10	<10		
2-Jan-20	19.8	8	5	14.7	0.394	0.4	5.6	4.3	7.57	nr	<10		
3-Jan-20	19.7	5	6	17.0	0.424	0.4	5.7	3.7	7.54	<10	<10		
4-Jan-20	19.5	8	5	20.7	0.476	0.4	5.8	4.9	7.55	<10	<10		
5-Jan-20	19.5	8	7	17.9	0.500	0.4	5.8	2.7	7.44	10	10		
6-Jan-20	19.5	6	5	24.8	0.628	0.4	5.9	3.0	7.48	10	10		
7-Jan-20	19.5	8	6	22.4	0.551	0.5	6.0	3.2	7.43	<10	<10		
8-Jan-20	19.7	8	4	28.7	0.653	0.5	6.0	3.4	7.42	<10	10		
9-Jan-20	16.5	5	5	16.0	0.544	0.5	6.0	3.1	7.44	<10	<10		
10-Jan-20	15.8	5	4	11.8	0.575	0.5	6.1	3.0	7.35	<10	10		
11-Jan-20	15.8	5	5	18.7	0.631	0.5	6.2	2.4	7.41	<10	<10		
12-Jan-20	16.0	7	5	25.6	0.530	0.6	6.3	2.3	7.34	<10	<10		
13-Jan-20	16.4	4	6	25.8	0.629	0.6	6.3	3.7	7.27	<10	<10		
14-Jan-20	16.4	4	3	19.0	0.626	0.6	6.4	3.6	7.31	<10	<10		
15-Jan-20	16.4	7	7	21.7	0.655	0.6	6.5	3.4	7.30	<10	<10		
16-Jan-20	16.6	4	3	22.7	0.663	0.6	6.5	2.9	7.31	<10	<10		
17-Jan-20	16.6	4	4	26.9	0.797	0.6	6.6	1.8	7.39	<10	<10		
18-Jan-20	16.8	3	<4	24.7	0.797	0.7	6.6	3.0	7.35	<10	<10		
19-Jan-20	16.9	3	<4	28.0	0.741	0.7	6.7	2.4	7.65	<10	<10		
20-Jan-20	16.9	6	<4	26.7	0.833	0.7	6.7	3.0	7.34	<10	<10		
21-Jan-20	17.0	4	<4	27.9	0.780	0.7	6.8	3.9	7.35	nr	<10		
22-Jan-20	17.1	10	4	24.4	0.749	0.7	6.8	4.9	7.30	<10	<10		
23-Jan-20	17.1	4	<4	23.5	0.797	0.7	6.8	5.0	7.30	<10	<10		
24-Jan-20	17.2	8	<4	24.7	0.750	0.8	6.9	5.9	7.32	<10	<10		
25-Jan-20	17.2	4	3	23.4	0.736	0.8	6.9	3.9	7.25	<10	<10		
26-Jan-20	17.3	ns	ns	ns	ns	0.8	6.9	3.0	7.23	<10	<10		
27-Jan-20	17.4	4	4	24.9	0.792	0.8	7.0	5.5	7.28	10	10		
28-Jan-20	17.4	3	<4	24.9	0.715	0.8	7.0	5.8	7.26	<10	<10		
29-Jan-20	17.5	<3	<4	30.2	0.773	0.8	7.0	6.5	7.34	<10	<10		
30-Jan-20	17.4	<3	<4	23.4	0.749	0.8	7.0	4.9	7.29	<10	10		
31-Jan-20	17.5	6	3	24.8	0.802	0.8	7.0	6.3	7.23	<10	<10		
<b>Max:</b>	19.9												
<b>Min:</b>	15.8												
<b>Average:</b>	<b>17.6</b>	<b>6</b>	<b>4</b>	<b>22.6</b>	<b>0.654</b>			<b>3.8</b>	<b>7.37</b>				
<b>Total Flow:</b>	<b>544.3</b>												
<b>Geo.Mean:</b>										<b>5</b>	<b>6</b>		

**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