

**City of Winnipeg  
Water and Waste Department  
West End Water Pollution Control Centre Monitoring Data  
February 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-Feb-21	17.8	6	5	0.5	0.167	0.3	5.0	3.2	7.43	10	10		
2-Feb-21	17.8	5	5	0.6	0.151	0.3	5.0	3.3	7.40	20	<10		
3-Feb-21	17.5	5	6	0.6	0.311	0.3	5.0	3.1	7.49	<10	30		
4-Feb-21	17.6	4	6	0.5	0.156	0.3	5.0	3.7	7.37	<10	<10		
5-Feb-21	17.5	5	6	0.5	0.149	0.3	5.0	3.1	7.36	10	10		
6-Feb-21	17.5	5	nr	0.5	0.147	0.3	5.0	1.5	7.36	10	<10		
7-Feb-21	17.5	5	7	0.5	0.089	0.3	5.0	1.4	7.32	10	<10		
8-Feb-21	17.5	5	5	0.5	0.165	0.3	5.0	1.5	7.41	40	40		
9-Feb-21	17.4	4	5	0.5	0.166	0.3	5.0	2.4	7.32	<10	<10		
10-Feb-21	17.4	5	5	0.5	0.203	0.3	5.1	2.8	7.36	20	20		
11-Feb-21	17.4	5	7	0.5	0.153	0.3	5.1	3.3	7.36	20	30		
12-Feb-21	17.3	6	7	0.6	0.179	0.3	5.1	2.6	7.36	10	30		
13-Feb-21	17.3	4	5	0.6	0.170	0.3	5.2	1.2	7.31	<10	10		
14-Feb-21	16.9	5	5	0.6	0.195	0.3	5.2	1.3	7.39	20	20		
15-Feb-21	17.4	6	6	0.7	0.161	0.3	5.3	1.5	7.32	10	20		
16-Feb-21	17.4	6	5	0.9	0.577	0.3	5.3	2.8	7.51	10	10		
17-Feb-21	17.4	6	6	0.8	0.185	0.3	5.3	2.8	7.36	<10	<10		
18-Feb-21	17.4	7	6	0.8	0.220	0.4	5.4	3.5	7.43	<10	30		
19-Feb-21	17.4	8	6	0.8	0.223	0.4	5.4	2.7	7.37	<10	10		
20-Feb-21	17.4	11	7	0.7	0.224	0.4	5.5	1.4	7.29	40	40		
21-Feb-21	17.5	8	7	0.7	0.248	0.4	5.6	1.4	7.31	90	50		
22-Feb-21	17.6	8	8	0.7	0.254	0.4	5.6	3.6	7.29	100	120		
23-Feb-21	17.6	10	9	0.7	0.227	0.4	5.7	4.1	7.33	110	90		
24-Feb-21	17.6	10	9	0.7	0.239	0.4	5.7	4.0	7.41	150	110		
25-Feb-21	17.7	10	9	0.8	0.337	0.4	5.7	3.6	7.29	130	170		
26-Feb-21	17.7	10	8	0.8	0.290	0.4	5.8	4.0	7.29	60	160		
27-Feb-21	17.7	12	nr	0.8	0.313	0.4	5.8	1.8	7.41	120	60		
28-Feb-21	17.7	10	nr	0.8	0.211	0.4	5.9	1.4	7.28	90	40		
<b>Max:</b>	17.8												
<b>Min:</b>	16.9												
<b>Average:</b>	<b>17.5</b>	<b>7</b>	<b>6</b>	<b>0.7</b>	<b>0.218</b>			<b>2.6</b>	<b>7.36</b>				
<b>Total Flow:</b>	<b>489.8</b>												
<b>Geo.Mean:</b>										<b>20</b>	<b>22</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