

**City of Winnipeg  
Water and Waste Department  
West End Water Pollution Control Centre Monitoring Data  
April 2018**

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-Apr-18	18.8	12	9	33.5	0.19	0.5	6.2	2.1	7.18	<10	5		
2-Apr-18	18.7	13	9	28.1	0.15	0.5	6.1	2.1	7.26	<10	10		
3-Apr-18	18.7	15	8	37.8	0.03	0.5	6.0	3.8	7.32	<10	<10		
4-Apr-18	18.6	18	9	20.7	0.02	0.5	6.0	3.7	7.60	<10	<10		
5-Apr-18	18.5	15	14	8.7	<0.01	0.5	5.9	3.8	7.69	<10	<10		
6-Apr-18	18.5	16	14	3.5	0.04	0.5	5.9	3.5	8.21	<10	<10		
7-Apr-18	18.4	22	14	0.4	0.03	0.5	5.8	3.3	8.44	<10	<10		
8-Apr-18	18.4	26	13	0.1	<0.01	0.5	5.8	3.2	8.69	<10	<10		
9-Apr-18	18.4	25	11	0.1	<0.01	0.4	5.7	3.8	8.86	<10	<10		
10-Apr-18	18.4	17	11	0.1	<0.01	0.4	5.6	3.9	8.93	10	<10		
11-Apr-18	18.6	13	12	0.1	0.06	0.4	5.5	3.8	8.97	<10	<10		
12-Apr-18	18.6	18	10	1.5	0.03	0.4	5.4	3.8	8.97	<10	<10		
13-Apr-18	18.6	15	11	3.2	0.05	0.4	5.4	3.8	8.96	10	10		
14-Apr-18	18.6	22	11	4.5	0.05	0.4	5.3	2.8	8.96	<10	10		
15-Apr-18	18.8	14	8	3.4	0.04	0.4	5.2	2.9	9.02	<10	<10		
16-Apr-18	19.0	10	10	0.1	<0.01	0.4	5.1	4.2	8.95	<10	<10		
17-Apr-18	19.3	11	8	0.4	0.02	0.4	5.0	4.5	8.98	<10	<10		
18-Apr-18	19.5	12	9	0.1	0.03	0.4	4.9	4.9	8.92	<10	<10		
19-Apr-18	19.7	12	9	0.6	0.04	0.4	4.8	5.2	8.92	<10	<10		
20-Apr-18	19.9	14	9	0.1	0.04	0.4	4.7	5.8	9.00	<10	<10		
21-Apr-18	20.1	21	9	0.1	0.07	0.4	4.6	4.7	9.08	<10	<10		
22-Apr-18	20.3	15	8	0.1	0.05	0.3	4.5	4.9	9.05	<10	<10		
23-Apr-18	20.2	12	nr	0.1	nr	0.3	4.4	5.7	9.10	<10	<10		
24-Apr-18	20.0	14	nr	0.6	0.06	0.3	4.3	5.5	9.09	<10	<10		
25-Apr-18	20.0	16	8	0.1	<0.01	0.3	4.2	6.1	9.17	<10	<10		
26-Apr-18	20.0	15	8	0.1	0.02	0.3	4.1	5.7	9.18	10	<10		
27-Apr-18	19.8	21	8	0.1	<0.01	0.3	4.0	5.7	9.21	20	<10		
28-Apr-18	19.1	21	9	0.1	<0.01	0.3	3.9	5.5	9.31	<10	<10		
29-Apr-18	19.0	45	8	0.1	0.02	0.3	3.8	7.3	9.34	30	30		
30-Apr-18	19.0	39	8	0.1	<0.01	0.3	3.6	9.7	9.21	20	20		
<b>Max:</b>	20.3												
<b>Min:</b>	18.4												
<b>Average:</b>	<b>19.1</b>	<b>18</b>	<b>10</b>	<b>4.9</b>	<b>0.05</b>			<b>4.5</b>	<b>8.72</b>				
<b>Total Flow:</b>	<b>573.5</b>												
<b>Geo.Mean:</b>										<b>&lt;10</b>	<b>&lt;10</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