

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

**June 2019**

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample					
		Date	Final Effluent Daily Flow	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
			ML	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
1-Jun-19	17.7	37	7	0.1	0.113	0.3	1.8	16.1	9.59	40	20		
2-Jun-19	17.8	40	8	2.2	0.118	0.3	1.8	15.4	9.64	<10	<10		
3-Jun-19	17.6	39	7	0.2	0.139	0.3	1.7	15.4	9.57	10	60		
4-Jun-19	17.5	29	9	1.1	0.218	0.4	1.8	16.2	9.52	<10	60		
5-Jun-19	17.3	29	8	1.3	0.209	0.4	1.8	18.2	9.69	10	40		
6-Jun-19	16.8	26	7	0.5	0.248	0.4	1.7	15.4	9.71	<10	30		
7-Jun-19	17.0	34	9	1.1	0.308	0.4	1.8	21.1	9.44	20	40		
8-Jun-19	17.0	27	7	0.9	0.420	0.4	1.8	20.5	9.34	10	10		
9-Jun-19	17.0	29	9	1.9	0.478	0.4	1.8	19.1	9.22	10	10		
10-Jun-19	16.9	30	9	0.3	0.476	0.4	1.8	18.4	9.28	20	<10		
11-Jun-19	16.7	29	6	0.3	0.472	0.4	1.8	18.2	9.25	20	10		
12-Jun-19	16.6	32	10	0.4	0.523	0.4	1.9	16.6	9.14	20	<10		
13-Jun-19	16.5	23	7	5.2	0.555	0.4	1.8	18.1	9.35	<10	20		
14-Jun-19	16.4	25	6	1.3	0.733	0.5	1.9	18.9	9.33	<10	10		
15-Jun-19	16.5	27	6	0.4	0.579	0.5	1.9	18.3	9.36	10	10		
16-Jun-19	16.8	32	6	0.1	0.561	0.5	2.0	17.1	9.18	10	10		
17-Jun-19	16.9	27	6	4.6	0.585	0.5	2.0	16.4	9.11	10	<10		
18-Jun-19	16.9	28	7	2.0	0.538	0.5	2.0	17.3	9.26	20	<10		
19-Jun-19	16.8	24	7	0.1	0.467	0.5	2.0	19.5	9.41	<10	<10		
20-Jun-19	17.0	18	5	0.1	0.478	0.5	2.0	20.8	9.55	40	10		
21-Jun-19	17.2	27	5	0.1	0.526	0.5	2.0	21.7	9.53	10	10		
22-Jun-19	17.2	31	5	0.1	0.508	0.6	2.0	19.8	9.31	150	110		
23-Jun-19	17.2	30	6	0.1	0.500	0.6	2.0	18.6	9.29	30	20		
24-Jun-19	17.2	31	7	0.1	0.475	0.6	2.0	20.1	9.50	30	10		
25-Jun-19	17.2	21	6	0.1	0.472	0.6	2.0	20.9	9.56	40	50		
26-Jun-19	17.2	23	6	0.1	0.455	0.6	2.0	21.5	9.57	10	10		
27-Jun-19	17.0	14	5	4.5	0.494	0.6	2.0	23.0	9.59	20	10		
28-Jun-19	17.0	19	5	0.1	0.545	0.6	2.0	24.1	9.57	20	20		
29-Jun-19	16.7	12	4	0.1	0.542	0.6	2.0	23.8	9.50	20	10		
30-Jun-19	16.4	16	3	0.1	0.573	0.7	2.0	23.3	9.36	10	20		
<b>Max:</b>	17.8												
<b>Min:</b>	16.4												
<b>Average:</b>	<b>17.0</b>	<b>27.0</b>	<b>6.6</b>	<b>1.0</b>	<b>0.02</b>			<b>19.1</b>	<b>9.42</b>				
<b>Total Flow:</b>	<b>510.1</b>												
<b>Geo.Mean:</b>										<b>14</b>	<b>14</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