

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

**November 2020**

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-Nov-20	16.7	42	9	0.3	0.021	0.5	3.6	2.5	9.47	20	40		
2-Nov-20	16.7	37	8	1.3	0.037	0.5	3.6	5.2	9.54	10	20		
3-Nov-20	16.8	38	10	0.7	0.126	0.5	3.6	4.0	9.54	10	<10		
4-Nov-20	16.7	36	10	0.4	0.113	0.5	3.6	4.1	9.54	20	10		
5-Nov-20	16.8	30	11	0.3	0.053	0.5	3.6	4.1	9.63	20	10		
6-Nov-20	16.8	40	9	0.2	0.038	0.5	3.6	4.9	9.66	10	20		
7-Nov-20	16.6	35	9	0.2	<0.013	0.5	3.6	3.2	9.48	<10	20		
8-Nov-20	16.3	38	9	0.2	0.046	0.5	3.6	3.1	9.59	10	40		
9-Nov-20	16.4	46	8	0.3	0.050	0.5	3.6	4.4	9.64	20	20		
10-Nov-20	16.5	36	11	0.2	<0.013	0.5	3.6	7.1	9.40	<10	10		
11-Nov-20	16.6	39	9	1.9	<0.013	0.5	3.6	7.6	9.58	<10	30		
12-Nov-20	16.6	35	11	<0.1	0.032	0.5	3.6	3.5	9.70	<10	<10		
13-Nov-20	16.6	39	10	0.1	0.150	0.5	3.5	3.0	9.59	<10	10		
14-Nov-20	16.7	33	11	0.1	0.013	0.5	3.5	2.4	9.63	<10	10		
15-Nov-20	16.7	31	9	0.2	0.057	0.5	3.5	2.6	9.59	<10	<10		
16-Nov-20	16.7	29	8	0.4	0.036	0.5	3.5	4.0	9.53	10	<10		
17-Nov-20	16.7	33	7	0.4	0.041	0.5	3.5	4.0	9.64	<10	<10		
18-Nov-20	16.7	25	8	0.5	0.083	0.5	3.5	3.5	9.65	<10	<10		
19-Nov-20	16.6	25	9	0.1	0.032	0.5	3.5	4.5	9.65	<10	<10		
20-Nov-20	16.7	29	na	0.2	0.054	0.5	3.4	2.9	9.70	<10	10		
21-Nov-20	16.9	22	8	0.3	0.085	0.5	3.4	2.5	9.59	<10	20		
22-Nov-20	17.1	22	7	0.3	0.063	0.5	3.4	2.5	9.58	<10	20		
23-Nov-20	17.1	25	6	0.2	0.049	0.5	3.4	3.9	9.54	<10	<10		
24-Nov-20	17.1	21	6	0.5	0.068	0.5	3.3	3.6	9.48	<10	<10		
25-Nov-20	17.0	20	6	0.6	0.068	0.5	3.3	3.6	9.50	<10	<10		
26-Nov-20	17.0	20	6	0.3	0.120	0.5	3.3	3.6	9.51	<10	<10		
27-Nov-20	17.1	19	5	0.2	0.096	0.5	3.3	3.4	9.46	<10	<10		
28-Nov-20	17.1	20	5	0.1	0.065	0.5	3.3	2.3	9.45	10	<10		
29-Nov-20	17.1	18	5	0.5	0.081	0.5	3.3	2.3	9.45	<10	<10		
30-Nov-20	17.1	18	<4	0.9	0.117	0.5	3.3	2.5	9.44	<10	<10		
<b>Max:</b>	17.1												
<b>Min:</b>	16.3												
<b>Average:</b>	<b>16.8</b>	<b>30</b>	<b>8</b>	<b>0.4</b>	<b>0.1</b>			<b>3.7</b>	<b>9.56</b>				
<b>Total Flow:</b>	<b>503.4</b>												
<b>Geo.Mean:</b>										<b>7</b>	<b>9</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