

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

**October 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-Oct-20	16.6	47	9	0.9	0.072	0.5	4.0	11.0	9.53	90	150		
2-Oct-20	16.5	43	7	0.1	0.054	0.5	4.0	10.1	9.55	50	90		
3-Oct-20	16.3	49	10	0.7	0.059	0.5	4.0	9.7	9.57	40	80		
4-Oct-20	16.2	53	11	0.2	0.058	0.5	4.0	9.5	9.55	70	60		
5-Oct-20	16.2	57	8	0.7	nr	0.5	4.1	10.2	9.54	60	30		
6-Oct-20	16.2	43	10	0.5	0.046	0.5	4.1	11.0	9.52	70	50		
7-Oct-20	16.3	52	10	0.3	0.093	0.5	4.0	11.6	9.52	90	90		
8-Oct-20	15.9	44	9	0.3	0.046	0.5	4.0	10.8	9.56	20	40		
9-Oct-20	16.0	54	11	0.1	0.045	0.5	4.0	10.7	9.46	60	50		
10-Oct-20	15.1	57	9	0.1	0.041	0.5	3.9	9.4	9.50	40	10		
11-Oct-20	15.2	48	11	1.0	0.100	0.5	3.9	9.4	9.49	50	70		
12-Oct-20	15.1	46	11	0.2	0.030	0.5	3.9	9.5	9.40	60	130		
13-Oct-20	15.4	54	13	0.1	0.041	0.5	3.9	9.6	9.48	110	110		
14-Oct-20	15.4	50	11	3.0	0.055	0.5	3.9	9.1	9.29	80	100		
15-Oct-20	15.4	38	9	0.2	0.027	0.5	3.9	7.6	9.41	370	350		
16-Oct-20	15.4	57	11	2.9	0.027	0.5	3.9	6.5	9.41	50	60		
17-Oct-20	15.4	53	9	1.1	0.025	0.5	3.9	5.1	9.33	20	70		
18-Oct-20	15.5	42	9	0.2	0.046	0.5	3.8	3.8	9.33	40	120		
19-Oct-20	15.7	26	nr	0.7	0.013	0.5	3.8	4.1	9.35	30	50		
20-Oct-20	15.8	40	nr	0.1	<0.013	0.5	3.9	3.3	9.38	10	10		
21-Oct-20	15.9	40	nr	0.4	0.013	0.5	3.9	3.4	9.29	20	<10		
22-Oct-20	15.9	38	11	0.3	0.071	0.5	3.9	3.4	9.38	20	30		
23-Oct-20	15.9	39	11	0.2	<0.013	0.5	3.9	4.7	9.39	40	100		
24-Oct-20	16.1	39	11	0.2	0.016	0.5	3.9	2.2	9.41	<10	<10		
25-Oct-20	16.1	38	12	0.2	0.141	0.5	3.9	2.6	9.54	<10	20		
26-Oct-20	16.1	36	11	0.2	0.029	0.5	3.8	3.1	9.48	10	<10		
27-Oct-20	16.5	36	10	0.2	0.014	0.5	3.8	3.0	9.50	20	<10		
28-Oct-20	16.5	44	nr	1.8	0.026	0.5	3.8	2.5	9.44	<10	<10		
29-Oct-20	16.5	40	12	0.0	0.035	0.5	3.7	3.0	9.54	<10	<10		
30-Oct-20	17.0	27	11	0.0	<0.013	0.5	3.7	3.4	9.54	10	10		
31-Oct-20	16.4	39	13	0.2	0.074	0.5	3.6	2.6	9.49	10	<10		
<b>Max:</b>	17.0												
<b>Min:</b>	15.1												
<b>Average:</b>	<b>15.9</b>	<b>44</b>	<b>10</b>	<b>0.5</b>	<b>0.044</b>			<b>6.6</b>	<b>9.46</b>				
<b>Total Flow:</b>	<b>494.3</b>												
<b>Geo.Mean:</b>										<b>31</b>	<b>35</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