

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

**July 2021**

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-Jul-21	15.7	29	6	<0.1	0.481	0.7	3.2	24.8	9.66	10	30		
2-Jul-21	15.4	21	5	0.2	0.488	0.7	3.1	26.0	9.55	80	60		
3-Jul-21	15.1	29	5	0.6	0.579	0.7	3.1	26.3	9.50	40	60		
4-Jul-21	14.9	28	6	3.7	0.644	0.7	3.1	25.7	9.37	110	50		
5-Jul-21	14.6	35	6	1.9	0.815	0.8	3.0	25.7	9.35	40	30		
6-Jul-21	14.5	29	5	1.4	0.854	0.8	3.0	23.1	9.19	70	20		
7-Jul-21	14.5	29	5	1.9	0.776	0.8	3.0	20.9	9.15	30	40		
8-Jul-21	14.5	25	6	0.5	0.698	0.8	3.0	21.5	9.42	30	70		
9-Jul-21	14.4	29	5	0.6	0.695	0.8	2.9	21.8	9.41	10	<10		
10-Jul-21	14.3	22	5	2.4	0.679	0.8	2.9	22.8	9.57	40	20		
11-Jul-21	14.2	19	6	0.3	0.633	0.8	2.9	24.7	9.64	30	20		
12-Jul-21	14.2	22	4	0.4	0.666	0.9	2.9	24.4	9.52	40	20		
13-Jul-21	14.1	19	5	0.4	0.807	0.9	2.8	23.6	9.37	<10	10		
14-Jul-21	14.1	20	4	0.5	0.743	0.9	2.8	23.4	9.40	10	<10		
15-Jul-21	14.0	21	4	0.4	0.691	0.9	2.8	24.4	9.50	<10	<10		
16-Jul-21	13.9	23	5	0.6	0.703	0.9	2.8	24.0	9.45	20	10		
17-Jul-21	13.7	29	5	0.3	0.723	0.9	2.7	23.9	9.44	<10	<10		
18-Jul-21	13.7	24	5	2.4	0.767	0.9	2.7	23.8	9.51	<10	10		
19-Jul-21	14.1	22	8	0.3	0.747	1.0	2.6	24.5	9.39	<10	60		
20-Jul-21	14.5	29	<4	1.1	0.693	1.0	2.6	23.4	9.26	<10	10		
21-Jul-21	14.6	28	<4	2.0	0.784	1.0	2.6	22.8	9.16	30	10		
22-Jul-21	14.5	27	<4	3.0	0.805	1.0	2.6	22.5	9.16	50	110		
23-Jul-21	14.1	33	5	0.8	0.867	1.0	2.6	24.4	9.24	30	10		
24-Jul-21	13.9	45	5	2.8	0.720	1.0	2.6	23.7	9.39	20	30		
25-Jul-21	13.9	52	<4	0.1	0.657	1.0	2.6	22.6	9.38	30	20		
26-Jul-21	13.9	31	4	0.1	0.640	1.0	2.6	22.5	9.46	10	<10		
27-Jul-21	13.7	34	4	0.3	0.662	1.1	2.6	23.1	9.53	<10	<10		
28-Jul-21	13.5	30	4	6.3	0.648	1.1	2.6	24.1	9.57	40	10		
29-Jul-21	13.3	34	5	1.3	0.655	1.1	2.6	22.6	9.45	60	30		
30-Jul-21	13.3	31	5	0.7	0.580	1.1	2.6	22.7	9.52	30	20		
31-Jul-21	13.1	46	6	0.2	0.570	1.1	2.6	22.6	9.50	20	20		
<b>Max:</b>	15.7												
<b>Min:</b>	13.1												
<b>Average:</b>	<b>14.2</b>	<b>29</b>	<b>5</b>	<b>1.3</b>	<b>0.693</b>			<b>23.6</b>	<b>9.42</b>				
<b>Total Flow:</b>	<b>440.1</b>												
<b>Geo.Mean:</b>										<b>20</b>	<b>18</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