

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

**September 2021**

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-Sep-21	20.1	38	5	0.2	0.401	0.8	3.1	21.1	9.56	110	100		
2-Sep-21	20.0	28	5	0.6	0.419	0.8	3.1	21.6	9.25	100	120		
3-Sep-21	19.8	33	5	1.2	0.497	0.8	3.1	19.2	9.45	120	100		
4-Sep-21	19.5	38	6	1.5	0.476	0.8	3.1	20.1	9.36	110	120		
5-Sep-21	19.2	36	6	0.9	0.462	0.8	3.1	18.7	9.56	140	160		
6-Sep-21	18.8	28	5	0.3	0.469	0.8	3.1	17.7	9.63	60	110		
7-Sep-21	18.8	28	6	0.5	0.443	0.8	3.1	18.5	9.45	150	190		
8-Sep-21	18.8	27	5	0.9	0.422	0.8	3.1	17.8	9.85	160	160		
9-Sep-21	18.7	28	5	0.9	0.393	0.8	3.0	17.4	9.58	120	110		
10-Sep-21	18.6	38	6	5.7	0.356	0.8	3.0	17.6	9.63	170	180		
11-Sep-21	18.6	35	6	0.3	0.359	0.8	3.0	17.5	9.61	150	240		
12-Sep-21	18.1	35	5	0.5	0.379	0.8	2.9	15.8	9.58	330	360		
13-Sep-21	18.0	35	4	0.5	0.393	0.8	2.9	17.7	9.62	90	150		
14-Sep-21	17.3	42	nr	1.7	0.408	0.8	2.8	16.8	9.55	320	440		
15-Sep-21	17.2	43	5	0.2	0.338	0.8	2.8	16.2	9.56	290	500		
16-Sep-21	17.3	44	5	0.6	0.354	0.8	2.8	16.2	9.41	580	620		
17-Sep-21	17.2	45	5	0.7	0.319	0.8	2.8	14.5	9.34	860	840		
18-Sep-21	17.2	54	5	2.2	0.293	0.7	2.8	14.0	9.41	700	700		
19-Sep-21	17.3	41	3	0.3	0.278	0.7	2.8	15.9	9.42	440	570		
20-Sep-21	17.3	38	5	1.2	0.305	0.7	2.8	16.6	9.38	380	570		
21-Sep-21	17.2	38	5	3.7	0.535	0.7	2.8	15.7	9.39	360	250		
22-Sep-21	17.0	44	6	0.4	0.233	0.7	2.8	16.2	9.33	nr	200		
23-Sep-21	16.8	40	6	0.1	0.260	0.7	2.8	16.4	9.46	190	170		
24-Sep-21	16.8	43	6	0.1	0.214	0.7	2.8	16.3	9.48	200	230		
25-Sep-21	16.8	43	6	3.6	0.193	0.7	2.8	16.2	9.49	160	270		
26-Sep-21	16.8	38	6	0.2	0.178	0.7	2.8	14.3	9.58	120	190		
27-Sep-21	16.8	47	6	1.1	0.291	0.7	2.8	14.3	9.50	50	80		
28-Sep-21	16.7	41	6	0.1	0.173	0.7	2.8	15.5	9.50	20	40		
29-Sep-21	16.7	41	7	0.1	0.172	0.7	2.8	15.4	9.53	90	80		
30-Sep-21	16.8	41	7	0.1	0.180	0.7	2.9	15.5	9.16	80	60		
<b>Max:</b>	20.1												
<b>Min:</b>	16.7												
<b>Average:</b>	<b>17.9</b>	<b>38</b>	<b>5</b>	<b>1.0</b>	<b>0.340</b>			<b>16.9</b>	<b>9.49</b>				
<b>Total Flow:</b>	<b>536.4</b>												
<b>Geo.Mean:</b>										<b>167</b>	<b>198</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