

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

**September 2020**

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-20	15.9	44	8	0.4	0.223	0.8	3.3	16.5	9.49	230	170		
2-Sep-20	16.4	40	7	0.1	0.179	0.8	3.3	15.7	9.54	190	210		
3-Sep-20	16.7	36	9	0.1	0.190	0.8	3.3	15.8	9.63	230	310		
4-Sep-20	17.0	47	7	0.6	0.140	0.8	3.3	15.3	9.67	140	160		
5-Sep-20	16.8	33	8	0.1	0.106	0.7	3.3	15.2	9.68	130	120		
6-Sep-20	17.1	53	10	2.5	0.070	0.7	3.4	16.1	9.64	150	40		
7-Sep-20	17.2	60	8	1.5	0.069	0.7	3.4	14.3	9.62	230	360		
8-Sep-20	17.0	50	8	3.1	0.066	0.7	3.5	13.0	9.62	230	230		
9-Sep-20	16.9	62	8	1.1	0.076	0.7	3.5	12.3	9.57	110	250		
10-Sep-20	16.9	54	9	0.5	0.052	0.7	3.5	12.3	9.65	160	140		
11-Sep-20	16.7	57	8	2.7	0.062	0.7	3.5	13.9	9.73	50	160		
12-Sep-20	16.6	48	10	0.0	0.037	0.7	3.6	15.7	9.63	260	200		
13-Sep-20	16.7	50	9	0.3	0.050	0.7	3.6	14.1	9.70	100	120		
14-Sep-20	16.7	50	9	0.2	0.041	0.6	3.6	13.8	9.67	160	200		
15-Sep-20	16.6	42	8	0.3	0.053	0.6	3.6	14.4	9.66	110	150		
16-Sep-20	16.6	54	8	0.3	0.056	0.6	3.6	13.8	9.72	90	40		
17-Sep-20	16.5	52	10	0.3	0.042	0.6	3.6	13.0	9.77	90	100		
18-Sep-20	16.5	51	9	0.2	0.044	0.6	3.7	12.6	9.76	10	20		
19-Sep-20	16.4	44	7	5.8	0.040	0.6	3.7	12.1	9.74	60	110		
20-Sep-20	16.2	42	9	0.2	0.052	0.6	3.7	13.8	9.80	50	50		
21-Sep-20	16.4	48	7	0.9	0.064	0.6	3.7	15.2	9.67	100	120		
22-Sep-20	16.6	54	8	0.2	0.036	0.6	3.8	15.1	9.64	230	270		
23-Sep-20	16.8	54	8	0.3	0.064	0.6	3.8	15.4	9.66	10	50		
24-Sep-20	16.7	40	8	0.6	0.069	0.6	3.8	14.2	9.63	30	30		
25-Sep-20	16.7	46	10	0.3	0.079	0.6	3.8	15.1	9.66	110	90		
26-Sep-20	16.5	44	9	0.2	0.095	0.6	3.8	15.4	9.64	40	50		
27-Sep-20	16.4	50	9	1.3	0.093	0.5	3.9	14.9	9.65	60	40		
28-Sep-20	16.5	46	8	1.8	0.087	0.5	3.9	13.3	9.51	90	80		
29-Sep-20	16.5	51	8	0.6	nr	0.5	3.9	12.7	9.58	90	170		
30-Sep-20	16.6	45	7	0.6	0.177	0.5	3.9	12.7	9.55	60	190		
<b>Max:</b>	17.2												
<b>Min:</b>	15.9												
<b>Average:</b>	<b>16.6</b>	<b>48</b>	<b>8</b>	<b>0.9</b>	<b>0.1</b>			<b>14.3</b>	<b>9.65</b>				
<b>Total Flow:</b>	<b>499.1</b>												
<b>Geo.Mean:</b>										<b>93</b>	<b>112</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