

**City of Winnipeg  
Water and Waste Department  
West End Water Pollution Control Centre Monitoring Data  
August 2018**

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-Aug-18	18.3	22	6	0.1	0.51	1.2	3.5	20.3	9.55	<10	<10		
2-Aug-18	18.2	21	6	2.2	0.61	1.2	3.5	18.9	9.45	<10	<10		
3-Aug-18	18.3	17	6	3.7	0.69	1.2	3.4	19.3	9.37	<10	10		
4-Aug-18	18.5	21	6	0.7	0.66	1.2	3.4	20.9	9.31	10	50		
5-Aug-18	18.4	26	nr	0.2	0.71	1.2	3.3	20.8	9.29	50	80		
6-Aug-18	18.3	23	7	10.6	0.74	1.1	3.3	20.2	9.29	30	30		
7-Aug-18	18.2	19	6	0.2	0.69	1.1	3.3	21.2	9.31	10	<10		
8-Aug-18	18.0	18	6	0.1	0.69	1.1	3.3	22.5	9.32	30	20		
9-Aug-18	17.9	19	7	0.1	0.72	1.1	3.2	22.6	9.35	<10	20		
10-Aug-18	17.8	22	6	0.1	0.66	1.1	3.1	23.8	9.38	10	60		
11-Aug-18	17.6	23	6	0.1	0.63	1.1	3.0	23.8	9.36	10	10		
12-Aug-18	17.4	29	nr	0.1	0.66	1.1	2.9	24.1	9.36	10	<10		
13-Aug-18	17.3	29	8	1.0	0.72	1.1	2.9	24.3	9.22	<10	30		
14-Aug-18	17.2	32	8	1.0	0.77	1.1	2.8	21.5	9.11	20	40		
15-Aug-18	17.3	37	9	0.1	0.69	1.0	2.8	20.2	9.25	30	20		
16-Aug-18	17.3	34	8	0.1	0.68	1.0	2.8	20.9	9.27	20	30		
17-Aug-18	17.3	35	10	0.1	0.69	1.0	2.7	19.5	9.23	20	40		
18-Aug-18	17.3	34	9	0.1	0.64	1.0	2.8	20.2	9.41	10	40		
19-Aug-18	17.1	35	8	0.1	0.65	1.0	2.8	20.2	9.30	110	120		
20-Aug-18	16.9	37	nr	0.1	0.64	1.0	2.8	19.6	9.44	40	30		
21-Aug-18	16.7	33	9	0.1	0.61	1.0	2.9	19.4	9.43	<10	20		
22-Aug-18	16.6	47	9	0.1	0.55	1.0	2.9	19.0	9.49	10	10		
23-Aug-18	16.7	33	9	0.1	0.53	1.0	2.9	19.6	9.47	20	<10		
24-Aug-18	16.6	31	8	0.1	0.50	1.0	2.9	20.9	9.53	20	<10		
25-Aug-18	16.6	28	8	0.1	0.53	1.0	2.9	20.6	9.40	50	90		
26-Aug-18	16.6	16	nr	0.1	0.53	1.0	3.0	19.2	9.44	50	70		
27-Aug-18	16.7	43	9	10.3	0.58	1.0	3.0	17.8	9.43	590	730		
28-Aug-18	16.8	31	7	0.1	0.47	1.0	3.0	16.8	9.41	400	390		
29-Aug-18	16.7	24	9	1.4	0.60	1.0	3.1	17.2	9.44	260	310		
30-Aug-18	16.7	46	10	2.0	0.51	1.0	3.1	18.1	9.49	250	370		
31-Aug-18	16.6	34	8	0.9	0.53	1.0	3.1	18.2	9.36	290	440		
<b>Max:</b>	18.5												
<b>Min:</b>	16.6												
<b>Average:</b>	17.4	29	8	1.2	0.63			20.4	9.37				
<b>Total Flow:</b>	537.9												
<b>Geo.Mean:</b>										25	34		

**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