

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

August 2019

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-19	17.9	31	7	0.1	0.556	0.9	2.8	21.7	9.63	20	<10		
2-Aug-19	17.6	21	5	0.1	0.410	0.9	2.8	23.3	9.75	<10	<10		
3-Aug-19	17.2	21	5	3.1	0.379	0.9	2.8	24.1	9.80	<10	30		
4-Aug-19	16.9	24	5	0.1	0.399	0.9	2.8	24.3	9.75	60	80		
5-Aug-19	16.7	22	5	0.5	0.438	0.9	2.8	24.3	na	20	50		
6-Aug-19	16.5	20	5	2.3	0.552	0.9	2.8	na	9.61	30	10		
7-Aug-19	16.3	25	5	0.5	0.526	0.9	2.8	22.3	9.59	10	<10		
8-Aug-19	16.2	33	6	0.1	0.523	0.9	2.8	21.1	9.53	<10	<10		
9-Aug-19	16.5	33	nr	0.1	0.502	0.9	2.8	20.6	9.54	<10	<10		
10-Aug-19	16.6	22	6	0.1	0.450	0.9	2.7	21.3	9.64	<10	30		
11-Aug-19	16.7	25	5	0.1	0.429	0.9	2.7	20.3	9.62	10	20		
12-Aug-19	16.7	21	4	4.0	0.441	0.9	2.7	21.7	9.71	20	10		
13-Aug-19	16.6	25	5	0.1	0.443	0.9	2.7	21.0	9.60	10	20		
14-Aug-19	16.5	27	4	0.1	0.450	0.9	2.7	20.6	9.61	170	100		
15-Aug-19	16.4	22	5	0.1	0.415	0.9	2.7	21.0	9.58	40	20		
16-Aug-19	16.3	27	nr	0.9	0.401	0.9	2.6	20.2	9.70	10	60		
17-Aug-19	16.1	23	5	8.1	0.454	0.8	2.6	21.1	9.70	60	60		
18-Aug-19	16.1	31	5	1.7	0.433	0.8	2.6	20.0	9.59	170	240		
19-Aug-19	16.2	28	nr	0.1	0.418	0.8	2.6	19.1	9.68	30	10		
20-Aug-19	16.2	30	6	0.1	0.431	0.8	2.6	19.5	9.79	20	190		
21-Aug-19	16.2	29	6	0.1	0.392	0.8	2.6	19.3	9.81	<10	<10		
22-Aug-19	16.1	24	6	0.1	0.396	0.8	2.6	18.6	9.79	<10	10		
23-Aug-19	16.0	27	6	3.4	0.406	0.7	2.6	19.2	9.81	<10	10		
24-Aug-19	16.8	37	7	0.1	0.356	0.7	2.6	19.0	9.78	20	10		
25-Aug-19	18.0	32	6	0.4	0.378	0.7	2.6	19.2	9.66	70	50		
26-Aug-19	18.7	23	5	0.1	0.389	0.7	2.6	19.1	9.63	150	200		
27-Aug-19	19.0	23	6	0.1	0.419	0.7	2.6	18.6	9.63	100	110		
28-Aug-19	18.8	29	6	0.3	0.385	0.7	2.6	16.3	9.67	150	260		
29-Aug-19	18.8	28	7	4.8	0.403	0.7	2.6	16.6	9.69	110	110		
30-Aug-19	19.6	34	6	0.5	0.335	0.7	2.6	15.8	9.64	220	290		
31-Aug-19	20.9	19	5	2.0	0.373	0.7	2.6	16.3	9.72	200	230		
Max:	20.9												
Min:	16.0												
Average:	17.1	26	6	1.1	0.428			20.2	9.68				
Total Flow:	531.1												
Geo.Mean:										25	33		

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