

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

September 2019

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-Sep-19	21.3	21	5	6.2	0.395	0.7	2.6	16.8	9.69	390	540		
2-Sep-19	21.5	25	5	1.3	0.348	0.7	2.6	16.3	9.68	520	720		
3-Sep-19	21.5	32	5	1.6	0.349	0.7	2.6	17.2	9.76	450	350		
4-Sep-19	21.5	27	5	0.1	0.353	0.7	2.7	17.7	9.68	490	530		
5-Sep-19	21.1	24	5	0.4	0.362	0.6	2.7	16.7	9.80	260	380		
6-Sep-19	20.8	30	6	4.8	0.432	0.6	2.6	17.2	9.75	290	210		
7-Sep-19	20.5	25	7	0.1	0.374	0.6	2.6	16.4	9.73	460	500		
8-Sep-19	21.0	27	5	0.1	0.362	0.6	2.7	15.5	9.78	230	190		
9-Sep-19	22.1	27	5	0.1	0.329	0.6	2.7	16.4	9.85	160	90		
10-Sep-19	22.4	25	5	1.8	0.370	0.6	2.7	15.1	9.75	(nr)	300		
11-Sep-19	22.4	26	5	0.1	0.321	0.6	2.7	14.6	9.76	150	310		
12-Sep-19	24.6	28	5	0.2	0.363	0.6	2.7	14.1	9.72	290	210		
13-Sep-19	25.6	31	6	0.2	0.350	0.6	2.7	13.2	9.65	250	270		
14-Sep-19	25.5	28	5	0.2	0.358	0.6	2.7	12.9	9.65	710	590		
15-Sep-19	25.4	28	5	0.8	0.368	0.6	2.7	14.3	9.71	470	830		
16-Sep-19	25.2	25	5	0.2	0.369	0.6	2.7	16.6	9.70	470	470		
17-Sep-19	24.6	25	5	0.5	0.372	0.6	2.6	19.3	9.73	520	670		
18-Sep-19	24.2	23	5	1.3	0.402	0.6	2.6	19.7	9.70	190	260		
19-Sep-19	29.3	28	6	0.2	0.430	0.6	2.6	18.7	9.63	500	320		
20-Sep-19	32.4	28	5	3.6	0.430	0.6	2.6	18.5	9.60	160	260		
21-Sep-19	33.6	19	<6	12.9	0.600	0.6	2.6	18.4	9.43	1,790	1,550		
22-Sep-19	33.6	23	5	4.6	0.507	0.6	2.5	17.6	9.40	750	1,090		
23-Sep-19	47.0	20	5	4.4	0.490	0.6	2.5	16.9	9.43	390	370		
24-Sep-19	48.7	23	5	3.8	0.525	0.6	2.4	17.1	9.36	190	250		
25-Sep-19	47.4	26	5	2.5	0.504	0.6	2.4	16.0	9.41	340	310		
26-Sep-19	47.1	24	6	0.8	0.511	0.7	2.4	15.1	9.37	310	250		
27-Sep-19	45.7	18	6	4.0	0.553	0.7	2.4	13.0	9.44	140	80		
28-Sep-19	45.4	23	5	1.1	0.497	0.7	2.4	13.2	9.40	150	160		
29-Sep-19	46.8	21	6	1.5	0.475	0.7	2.4	11.3	9.41	130	60		
30-Sep-19	47.7	16	5	2.2	0.432	0.7	2.4	11.0	9.45	120	200		
Max:	48.7												
Min:	20.5												
Average:	30.5	25	5	2.1	0.418			15.9	9.61				
Total Flow:	915.9												
Geo.Mean:										314	321		

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