

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

November 2021

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-Nov-21	17.9	56	11	9.5	0.045	0.5	3.4	5.4	8.72	310	280		
2-Nov-21	17.9	48	11	9.8	0.045	0.5	3.4	6.2	8.57	310	280		
3-Nov-21	17.9	46	11	12.6	0.083	0.5	3.4	6.0	8.47	290	340		
4-Nov-21	17.8	54	>12	11.2	0.062	0.5	3.4	6.1	8.56	10	10		
5-Nov-21	18.6	52	>13	15.9	0.070	0.5	3.5	5.9	8.68	220	130		
6-Nov-21	17.8	57	11	13.0	0.056	0.5	3.5	4.6	8.67	260	310		
7-Nov-21	17.8	52	>12	12.3	0.053	0.5	3.5	5.0	8.66	170	220		
8-Nov-21	17.7	58	11	13.0	0.050	0.5	3.5	6.0	8.64	340	300		
9-Nov-21	18.2	48	10	13.4	0.048	0.5	3.5	5.5	8.48	360	240		
10-Nov-21	19.1	50	9	15.1	0.059	0.5	3.5	5.3	8.45	180	140		
11-Nov-21	19.5	58	10	15.8	0.057	0.4	3.5	3.2	8.55	170	310		
12-Nov-21	19.7	57	9	26.2	0.052	0.4	3.5	4.7	8.47	30	90		
13-Nov-21	19.9	51	9	12.7	0.035	0.4	3.5	1.1	8.59	60	50		
14-Nov-21	20.0	36	9	11.0	0.026	0.4	3.5	0.9	8.64	170	190		
15-Nov-21	20.0	36	8	16.9	0.033	0.4	3.5	2.2	8.69	160	80		
16-Nov-21	20.0	34	8	10.4	0.052	0.4	3.5	1.8	8.73	20	60		
17-Nov-21	20.1	28	8	11.3	0.021	0.4	3.4	1.7	8.78	10	50		
18-Nov-21	20.0	24	8	9.3	0.016	0.4	3.4	1.1	8.86	40	50		
19-Nov-21	20.1	28	8	8.4	0.016	0.4	3.4	3.1	9.08	<10	30		
20-Nov-21	20.0	28	8	12.9	0.015	0.4	3.5	1.6	9.02	<10	10		
21-Nov-21	20.0	26	7	13.8	0.027	0.4	3.4	1.6	9.07	10	10		
22-Nov-21	20.0	26	nr	7.1	0.029	0.4	3.4	1.4	8.96	10	<10		
23-Nov-21	19.9	22	7	6.6	0.017	0.4	3.4	1.6	9.03	<10	<10		
24-Nov-21	19.9	26	7	7.3	0.030	0.4	3.4	1.6	9.05	10	<10		
25-Nov-21	19.9	26	7	6.0	0.034	0.4	3.5	1.7	9.08	10	<10		
26-Nov-21	19.8	20	7	9.7	0.048	0.4	3.5	1.7	9.05	20	<10		
27-Nov-21	19.8	22	8	11.7	0.060	0.4	3.5	2.5	9.09	10	<10		
28-Nov-21	19.8	16	7	5.0	0.033	0.4	3.5	2.6	9.09	<10	<10		
29-Nov-21	19.8	13	10	4.7	0.030	0.3	3.5	4.0	9.11	<10	<10		
30-Nov-21	19.8	22	7	4.3	0.036	0.3	3.6	3.9	9.12	<10	<10		
Max:	20.1												
Min:	17.7												
Average:	19.3	37	9	11.2	0.041			3.3	8.80				
Total Flow:	578.7												
Geo.Mean:										37	39		

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