

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

May 2021

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample				
		TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli	
												(mg/L)
	Final Effluent Daily Flow											
	ML											
1-May-21	17.4	69	18	1.0	0.018	0.4	3.1	8.5	9.54	<10	10	
2-May-21	17.3	62	17	0.9	0.027	0.4	3.1	9.7	9.62	10	20	
3-May-21	17.1	58	15	<0.1	0.058	0.4	3.2	9.3	9.32	<10	30	
4-May-21	17.0	58	14	0.6	0.023	0.4	3.2	8.8	9.45	<10	<10	
5-May-21	16.8	60	14	1.1	0.024	0.4	3.2	9.3	9.38	<10	10	
6-May-21	16.7	58	19	1.6	0.061	0.4	3.2	10.1	9.49	190	200	
7-May-21	16.5	50	15	0.8	0.023	0.4	3.2	10.0	9.28	20	<10	
8-May-21	16.2	57	16	1.1	0.024	0.4	3.2	10.5	9.37	10	10	
9-May-21	16.0	50	19	1.0	0.027	0.4	3.2	10.6	9.47	<10	10	
10-May-21	15.8	46	15	2.0	0.026	0.4	3.3	11.5	9.59	<10	<10	
11-May-21	15.6	54	16	5.3	0.692	0.4	3.3	12.7	9.52	10	10	
12-May-21	15.4	50	14	2.1	0.073	0.4	3.3	13.9	9.41	30	20	
13-May-21	15.4	44	12	0.7	<0.013	0.4	3.3	14.1	9.54	20	10	
14-May-21	15.3	48	16	1.9	0.043	0.4	3.4	14.9	9.43	40	30	
15-May-21	15.1	44	13	0.6	<0.013	0.4	3.4	15.0	9.65	<10	20	
16-May-21	14.9	50	14	0.2	<0.013	0.4	3.4	16.1	9.45	170	170	
17-May-21	14.4	48	12	12.9	0.422	0.5	3.4	16.9	9.32	90	60	
18-May-21	14.3	60	12	1.5	0.023	0.5	3.4	18.1	9.38	60	30	
19-May-21	14.4	56	11	0.5	0.016	0.5	3.4	18.5	9.29	20	30	
20-May-21	14.7	54	8	0.6	0.060	0.5	3.4	17.4	9.28	60	50	
21-May-21	16.9	53	19	0.7	0.058	0.5	3.5	14.4	9.11	150	180	
22-May-21	18.7	48	12	0.8	0.054	0.5	3.4	12.3	9.03	32	240	
23-May-21	19.0	49	13	0.7	0.033	0.5	3.5	11.7	9.18	590	510	
24-May-21	18.7	46	13	0.6	0.071	0.5	3.5	12.5	9.19	310	340	
25-May-21	18.7	42	5	0.5	0.028	0.5	3.5	15.9	9.04	170	120	
26-May-21	18.6	44	9	1.6	0.030	0.5	3.4	12.5	9.06	210	270	
27-May-21	18.0	44	11	1.7	0.059	0.5	3.4	12.4	9.19	40	110	
28-May-21	17.5	47	9	1.0	0.035	0.5	3.4	13.3	9.28	30	20	
29-May-21	17.5	54	11	0.3	0.065	0.5	3.3	12.9	9.31	10	30	
30-May-21	17.5	47	9	0.3	0.087	0.5	3.3	13.8	9.22	40	60	
31-May-21	17.5	38	10	2.0	0.088	0.5	3.3	15.0	9.14	40	20	
Max:	19.0											
Min:	14.3											
Average:	16.6	51	13	1.6	0.073			13.0	9.34			
Total Flow:	514.7											
Geo.Mean:										30	36	

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