

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

June 2021

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-Jun-21	17.6	29	8	1.0	0.124	0.5	3.2	17.6	9.21	50	140		
2-Jun-21	17.4	36	8	0.2	0.148	0.5	3.1	17.6	9.19	160	120		
3-Jun-21	17.1	35	11	0.8	0.189	0.5	3.1	19.7	9.13	110	120		
4-Jun-21	17.0	30	8	1.4	0.216	0.5	3.1	21.8	9.22	30	50		
5-Jun-21	16.7	29	9	0.1	0.206	0.5	3.1	21.9	9.21	60	60		
6-Jun-21	16.8	33	9	0.3	0.233	0.5	3.1	22.5	9.16	90	130		
7-Jun-21	16.8	33	8	0.3	0.259	0.5	3.1	21.1	9.06	90	170		
8-Jun-21	16.8	35	8	1.1	0.247	0.5	3.1	22.1	9.28	90	30		
9-Jun-21	22.7	34	8	0.9	0.379	0.5	3.2	21.9	9.16	80	100		
10-Jun-21	22.7	30	9	4.3	0.394	0.5	3.1	21.3	8.88	150	120		
11-Jun-21	22.2	38	7	5.3	0.298	0.5	3.1	20.4	8.84	260	170		
12-Jun-21	22.1	34	7	3.7	0.292	0.5	3.1	19.2	8.87	230	310		
13-Jun-21	21.7	25	9	2.7	0.308	0.5	3.1	20.1	8.96	50	50		
14-Jun-21	21.2	26	6	1.4	0.268	0.5	3.1	21.6	9.13	50	40		
15-Jun-21	20.0	21	6	1.2	0.256	0.5	3.1	22.6	9.01	70	40		
16-Jun-21	19.2	25	5	4.3	0.305	0.5	3.1	23.1	9.15	40	130		
17-Jun-21	18.7	18	5	9.7	0.404	0.5	3.1	21.9	8.57	110	100		
18-Jun-21	18.4	21	5	19.1	0.724	0.6	3.1	21.2	8.53	70	60		
19-Jun-21	17.9	18	4	12.7	0.473	0.6	3.1	19.9	8.52	120	100		
20-Jun-21	17.5	21	7	12.5	0.396	0.6	3.1	20.2	8.71	140	40		
21-Jun-21	17.2	39	8	12.7	0.367	0.6	3.1	18.2	8.60	70	160		
22-Jun-21	16.9	34	8	11.1	0.424	0.6	3.0	17.7	8.81	10	50		
23-Jun-21	16.9	29	6	8.0	0.323	0.6	3.0	19.1	8.91	70	90		
24-Jun-21	16.6	28	8	6.1	0.352	0.6	3.0	19.9	8.96	70	80		
25-Jun-21	16.5	28	6	3.3	0.313	0.6	3.0	20.8	9.05	120	160		
26-Jun-21	16.2	32	6	0.2	0.342	0.6	3.1	21.0	9.28	50	30		
27-Jun-21	16.1	38	8	1.4	0.795	0.6	3.1	22.0	9.47	40	120		
28-Jun-21	15.9	34	6	0.2	0.367	0.6	3.1	22.4	9.41	60	30		
29-Jun-21	15.9	28	7	0.1	0.436	0.7	3.1	22.7	9.40	30	30		
30-Jun-21	15.8	29	6	0.6	0.489	0.7	3.1	24.4	9.56	20	10		
Max:	22.7												
Min:	15.8												
Average:	18.1	30	7	4.2	0.344			20.9	9.04				
Total Flow:	544.1												
Geo.Mean:										70	75		

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