

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

January 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-Jan-21	17.4	11	6	4.2	0.092	0.3	4.2	2.1	8.23	<10	<10		
2-Jan-21	17.4	10	6	4.5	0.079	0.3	4.3	1.6	8.16	10	<10		
3-Jan-21	17.4	7	5	5.3	0.084	0.3	4.3	1.5	8.10	10	<10		
4-Jan-21	17.4	5	5	5.0	0.095	0.3	4.4	3.3	8.00	<10	10		
5-Jan-21	17.5	6	5	5.5	0.280	0.3	4.5	3.5	7.95	<10	<10		
6-Jan-21	17.4	8	nr	6.7	0.137	0.3	4.5	3.4	7.91	<10	<10		
7-Jan-21	17.5	7	6	5.0	0.104	0.3	4.6	3.3	7.95	<10	<10		
8-Jan-21	17.5	10	6	4.7	0.095	0.3	4.6	3.2	7.85	<10	<10		
9-Jan-21	17.5	8	6	4.8	0.091	0.3	4.6	1.6	7.90	<10	10		
10-Jan-21	17.6	8	6	5.0	0.091	0.3	4.7	1.6	7.82	<10	<10		
11-Jan-21	17.6	8	6	5.1	0.113	0.3	4.7	3.4	7.77	10	<10		
12-Jan-21	17.6	9	5	5.4	0.098	0.3	4.8	3.3	7.80	<10	10		
13-Jan-21	17.7	7	6	5.0	0.105	0.3	4.8	3.3	7.73	10	10		
14-Jan-21	17.5	8	6	4.2	0.105	0.3	4.8	4.8	7.71	10	30		
15-Jan-21	17.6	8	5	5.4	0.127	0.3	4.8	3.4	7.65	<10	10		
16-Jan-21	17.6	6	5	5.8	0.127	0.3	4.9	2.0	7.61	10	<10		
17-Jan-21	17.7	6	5	6.3	0.121	0.3	4.9	2.2	7.60	<10	<10		
18-Jan-21	17.7	5	4	7.7	0.139	0.3	5.0	3.5	7.64	<10	10		
19-Jan-21	17.7	7	4	7.0	0.163	0.3	5.0	2.1	7.64	<10	<10		
20-Jan-21	17.7	6	4	7.9	0.144	0.3	5.0	3.5	7.73	<10	10		
21-Jan-21	17.7	7	4	7.2	0.132	0.3	5.0	3.6	7.64	<10	10		
22-Jan-21	17.8	5	4	7.3	0.163	0.3	5.0	4.6	7.65	<10	<10		
23-Jan-21	17.8	4	4	7.3	0.133	0.3	5.0	1.9	7.51	<10	<10		
24-Jan-21	17.8	4	5	7.0	0.135	0.3	5.0	1.8	7.50	<10	20		
25-Jan-21	17.8	5	4	7.3	0.125	0.3	5.0	3.3	7.57	30	20		
26-Jan-21	17.8	4	4	8.0	nr	0.3	5.1	3.0	7.56	10	50		
27-Jan-21	17.8	4	4	17.4	0.184	0.3	5.1	3.0	7.46	20	30		
28-Jan-21	17.8	5	4	8.3	0.137	0.3	5.1	3.3	7.44	20	40		
29-Jan-21	17.7	6	6	8.9	0.166	0.3	5.0	3.0	7.46	40	30		
30-Jan-21	17.8	5	5	9.2	0.153	0.3	5.0	1.9	7.41	<10	30		
31-Jan-21	17.8	5	5	9.7	0.188	0.3	5.0	2.0	7.36	20	<10		
Max:	17.8												
Min:	17.4												
Average:	17.6	7	5	6.7	0.130			2.8	7.72				
Total Flow:	546.4												
Geo.Mean:										<10	<10		

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