

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

August 2020

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-Aug-20	18.2	45	10	0.2	0.328	0.8	2.6	23.3	9.37	<10	10		
2-Aug-20	17.9	47	9	0.1	0.335	0.8	2.7	22.1	9.40	10	<10		
3-Aug-20	17.7	34	nr	0.7	0.345	0.8	2.7	22.2	9.33	10	20		
4-Aug-20	17.5	42	nr	0.3	0.402	0.8	2.8	23.4	9.50	50	<10		
5-Aug-20	17.3	40	12	0.3	0.358	0.8	2.8	23.0	9.45	10	10		
6-Aug-20	17.1	33	12	0.1	0.395	0.8	2.8	23.2	9.46	<10	10		
7-Aug-20	16.9	49	11	0.2	0.414	0.8	2.8	23.7	9.52	10	<10		
8-Aug-20	16.7	43	11	0.3	0.368	0.8	2.8	22.9	9.42	<10	<10		
9-Aug-20	16.1	36	11	0.5	0.201	0.8	2.8	22.3	9.42	<10	<10		
10-Aug-20	15.9	36	10	0.1	0.181	0.8	2.9	21.0	9.38	60	30		
11-Aug-20	15.9	41	11	0.1	0.165	0.8	2.9	20.2	9.39	30	<10		
12-Aug-20	16.4	43	11	0.1	0.111	0.8	3.0	20.9	9.54	<10	<10		
13-Aug-20	12.6	35	10	0.3	0.296	0.8	3.0	21.8	9.50	20	10		
14-Aug-20	12.7	43	9	0.1	0.334	0.8	3.1	22.0	9.29	20	40		
15-Aug-20	13.0	36	9	<0.1	0.370	0.8	3.1	19.0	9.26	140	190		
16-Aug-20	13.2	44	12	0.4	0.337	0.8	3.1	19.4	9.32	110	180		
17-Aug-20	13.3	40	10	2.2	0.328	0.8	3.2	20.5	9.37	90	110		
18-Aug-20	13.5	40	11	0.2	0.279	0.8	3.2	21.5	9.53	20	20		
19-Aug-20	13.6	41	9	<0.1	0.272	0.8	3.2	23.0	9.62	2	20		
20-Aug-20	13.7	34	9	0.1	0.269	0.8	3.2	24.1	9.67	30	30		
21-Aug-20	13.7	30	9	<0.1	0.272	0.8	3.2	25.2	9.65	20	<10		
22-Aug-20	13.8	37	8	0.2	0.372	0.8	3.3	24.6	9.60	40	20		
23-Aug-20	13.9	33	8	0.3	0.332	0.8	3.3	23.4	9.49	10	20		
24-Aug-20	13.9	39	8	<0.1	0.404	0.8	3.3	22.9	9.43	40	90		
25-Aug-20	14.0	43	8	0.4	0.347	0.8	3.3	23.2	9.54	10	20		
26-Aug-20	14.1	40	8	0.5	0.428	0.8	3.3	22.3	9.44	110	110		
27-Aug-20	14.2	36	9	<0.1	0.422	0.8	3.3	21.9	9.43	110	70		
28-Aug-20	14.2	42	9	0.4	0.366	0.8	3.3	21.6	9.56	50	40		
29-Aug-20	15.0	44	8	<0.1	0.357	0.8	3.3	20.4	9.50	30	120		
30-Aug-20	15.3	49	11	9.9	0.346	0.8	3.3	19.8	9.71	20	50		
31-Aug-20	15.5	44	7	<0.1	0.292	0.8	3.3	18.0	9.49	270	410		
Max:	18.2												
Min:	12.6												
Average:	15.1	40	10	0.6	0.3			22.0	9.47				
Total Flow:	466.6												
Geo.Mean:										22	23		

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