

**City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
March 2019**

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-Mar-19	17.6	<3	4	80.9	0.43	0.7	10.1	3.0	7.06	2,380	2,050		
2-Mar-19	17.5	<3	<3	75.9	0.48	0.7	10.1	2.4	7.09	1,790	840		
3-Mar-19	17.6	<3	<3	78.1	0.48	0.7	10.0	1.5	7.10	1,450	1,550		
4-Mar-19	17.5	<3	3	69.2	0.43	0.7	10.0	2.1	7.09	1,720	2,280		
5-Mar-19	17.5	<3	nr	65.9	0.42	0.7	9.9	2.2	7.09	2,140	3,260		
6-Mar-19	ns	ns	ns	ns	ns	0.7	10.0	1.5	7.08	1,470	2,600		
7-Mar-19	17.4	<3	<3	64.1	0.43	0.7	9.9	1.3	7.11	1,660	1,610		
8-Mar-19	16.7	<3	<3	57.6	0.41	0.7	9.8	1.4	7.09	1,960	1,520		
9-Mar-19	17.4	<3	<3	59.7	0.38	0.6	9.6	2.0	7.03	810	1,040		
10-Mar-19	17.4	<3	<3	57.3	0.39	0.6	9.5	1.1	7.13	1,250	1,480		
11-Mar-19	17.4	<3	3	54.9	0.42	0.6	9.3	2.2	7.05	690	1,080		
12-Mar-19	17.4	<3	<3	51.2	0.37	0.6	9.2	2.6	7.08	910	690		
13-Mar-19	17.3	<3	<3	49.2	0.35	0.6	9.0	2.6	7.02	860	650		
14-Mar-19	17.3	<3	<3	48.6	0.38	0.6	8.9	2.1	7.10	710	550		
15-Mar-19	17.3	3	6	47.5	0.36	0.6	8.7	1.5	7.08	620	630		
16-Mar-19	17.3	<3	5	45.6	0.36	0.6	8.6	2.0	6.98	580	630		
17-Mar-19	17.3	<3	3	44.3	0.36	0.6	8.4	1.4	7.07	910	680		
18-Mar-19	17.4	<3	3	45.0	0.38	0.6	8.2	1.8	7.02	930	880		
19-Mar-19	17.5	<3	4	40.8	0.33	0.6	8.0	2.3	7.12	960	1,040		
20-Mar-19	17.9	5	4	40.6	0.32	0.6	7.9	2.4	7.04	1,720	1,620		
21-Mar-19	18.6	3	4	40.7	0.36	0.5	7.8	1.8	7.04	2,060	1,850		
22-Mar-19	19.3	4	5	39.2	0.29	0.5	7.7	2.2	7.03	2,480	1,790		
23-Mar-19	19.9	<3	5	38.0	0.28	0.5	7.6	2.5	7.05	810	1,370		
24-Mar-19	20.0	5	6	36.1	0.26	0.5	7.4	2.4	7.03	nr	nr		
25-Mar-19	19.9	6	6	36.8	0.24	0.5	7.7	2.7	7.08	1,350	1,230		
26-Mar-19	20.1	6	5	34.6	0.26	0.5	7.9	2.5	7.19	1,420	1,670		
27-Mar-19	21.1	8	6	34.8	0.25	0.5	7.8	2.8	7.13	1,380	1,730		
28-Mar-19	21.6	10	7	34.7	nr	0.5	7.7	3.4	7.17	800	860		
29-Mar-19	21.7	8	5	38.2	0.37	0.5	7.6	3.8	7.16	560	730		
30-Mar-19	21.8	5	7	35.4	0.25	0.5	7.5	3.9	7.27	110	130		
31-Mar-19	22.4	10	7	33.9	0.15	0.5	7.4	3.2	7.26	30	40		
Max:	22.4												
Min:	16.7												
Average:	18.6	3	4	49.3	0.35			2.3	7.09				
Total Flow:	557.0												
Geo.Mean:										965	1,003		

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