

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

**February 2019**

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
1-Feb-19	18.0	<3	nr	99.7	0.58	0.5	7.0	1.1	7.19	640	1,150
2-Feb-19	18.0	<3	nr	101.9	0.65	0.5	7.1	1.4	7.20	620	1,020
3-Feb-19	18.2	<3	nr	107.1	0.67	0.5	7.2	1.6	7.23	730	570
4-Feb-19	18.3	<3	nr	115.5	0.62	0.5	7.3	2.0	7.15	260	500
5-Feb-19	18.4	<3	nr	114.7	0.63	0.5	7.5	2.4	7.19	700	610
6-Feb-19	18.1	<3	nr	117.9	0.60	0.6	7.7	2.4	7.17	460	480
7-Feb-19	18.1	<3	nr	113.5	0.56	0.6	7.9	1.6	7.22	520	1,090
8-Feb-19	18.2	<3	nr	115.4	0.57	0.6	8.1	2.0	7.18	860	380
9-Feb-19	18.2	<3	nr	117.5	0.56	0.6	8.3	0.8	7.17	610	590
10-Feb-19	18.3	<3	nr	115.4	0.63	0.6	8.6	1.5	7.18	630	580
11-Feb-19	18.4	<3	nr	119.5	0.64	0.6	8.8	1.8	7.14	490	840
12-Feb-19	18.4	5	nr	114.3	0.61	0.6	9.0	3.5	7.16	550	670
13-Feb-19	18.4	<3	nr	116.3	0.63	0.6	9.2	2.5	7.15	650	720
14-Feb-19	18.3	<3	nr	111.3	0.51	0.6	9.4	2.0	7.13	580	710
15-Feb-19	18.2	<3	5	118.7	0.48	0.6	9.7	2.5	7.20	590	710
16-Feb-19	18.2	<3	nr	113.5	0.56	0.7	9.9	1.9	7.11	420	500
17-Feb-19	18.2	<3	nr	109.4	0.62	0.7	10.0	1.5	7.12	540	370
18-Feb-19	18.1	<3	nr	106.3	0.60	0.7	10.1	1.5	7.19	600	560
19-Feb-19	18.1	9	nr	101.8	0.52	0.7	10.3	1.8	7.17	430	480
20-Feb-19	18.1	<3	<4	101.7	0.59	0.7	10.4	1.8	7.14	170	220
21-Feb-19	18.1	<3	<4	99.9	0.61	0.7	10.4	3.0	7.09	440	460
22-Feb-19	18.1	<3	<4	97.4	0.63	0.7	10.5	1.1	7.18	530	430
23-Feb-19	17.5	ns	ns	ns	ns	ns	ns	1.9	7.13	300	280
24-Feb-19	17.5	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Feb-19	17.7	3	nr	86.6	0.48	0.7	10.1	2.4	7.05	530	620
26-Feb-19	17.8	<3	<4	86.6	0.53	0.7	10.1	1.3	7.21	1,110	1,350
27-Feb-19	17.7	<3	nr	83.4	0.51	0.7	10.1	2.7	7.06	1,190	930
28-Feb-19	17.6	<3	<4	75.5	0.42	0.7	10.1	1.6	7.07	1,530	1,530
<b>Max:</b>	18.4										
<b>Min:</b>	17.5										
<b>Average:</b>	<b>18.1</b>	<b>&lt;3</b>	<b>&lt;4</b>	<b>106.2</b>	<b>0.58</b>			<b>1.9</b>	<b>7.15</b>		
<b>Total Flow:</b>	<b>506.3</b>										
<b>Geo.Mean:</b>										<b>563</b>	<b>616</b>

**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