

**City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
February 2017**

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-17	20.9	4	3	80.5	0.22	0.3	12.2	1.6	7.37	43	43
2-Feb-17	20.9	3	<3	84.0	0.22	0.3	12.2	1.5	7.44	43	23
3-Feb-17	21.0	<3	<3	81.1	0.22	0.3	12.3	1.4	7.28	15	15
4-Feb-17	21.7	4	<3	85.8	0.23	0.3	12.5	1.8	7.26	43	43
5-Feb-17	20.0	4	<3	75.4	0.23	0.3	12.6	1.7	7.35	43	43
6-Feb-17	22.6	4	<3	80.0	0.27	0.3	12.7	1.1	7.59	150	43
7-Feb-17	20.5	5	<3	72.9	0.26	0.3	12.7	1.8	7.27	23	23
8-Feb-17	20.4	3	<3	66.2	0.18	0.3	12.7	1.4	7.31	43	43
9-Feb-17	20.4	3	<3	66.5	0.19	0.3	12.8	1.4	7.22	23	9
10-Feb-17	20.2	3	<3	62.2	0.20	0.3	12.9	2.0	7.32	93	43
11-Feb-17	21.0	6	<3	66.0	0.23	0.3	12.9	1.5	7.30	43	43
12-Feb-17	21.4	4	<3	60.5	0.20	0.3	13.0	2.6	7.43	43	43
13-Feb-17	20.5	3	<3	59.1	0.19	0.3	13.0	2.1	7.23	43	23
14-Feb-17	20.2	3	<3	63.3	0.21	0.3	13.0	2.3	7.19	43	43
15-Feb-17	20.2	<3	<3	54.2	0.19	0.4	13.0	2.1	7.34	23	9
16-Feb-17	20.5	3	<3	53.0	0.18	0.4	12.9	2.1	7.44	9	9
17-Feb-17	22.7	3	4	57.1	0.21	0.4	12.9	2.4	7.39	15	15
18-Feb-17	28.2	4	<3	67.8	0.20	0.4	12.8	1.8	7.38	23	23
19-Feb-17	26.3	6	<3	62.8	0.21	0.4	12.7	2.0	7.37	7	<3
20-Feb-17	40.8	3	<3	91.8	0.19	0.4	12.6	1.9	7.40	7	7
21-Feb-17	30.2	4	<3	69.2	0.19	0.4	12.5	2.3	7.45	15	15
22-Feb-17	28.0	6	3	62.9	0.19	0.4	12.4	2.7	7.44	4	4
23-Feb-17	24.8	<3	6	51.4	0.17	0.4	12.3	2.1	7.44	23	9
24-Feb-17	23.5	4	nr	44.0	0.14	0.4	12.2	2.2	7.51	14	7
25-Feb-17	23.5	5	4	43.7	0.13	0.4	12.1	2.2	7.42	<3	<3
26-Feb-17	23.7	4	nr	40.6	0.12	0.4	12.1	2.2	7.44	30	7
27-Feb-17	22.3	5	5	39.7	0.13	0.4	12.0	2.7	7.49	93	93
28-Feb-17	21.6	6	5	34.3	0.12	0.4	11.9	2.4	7.36	140	72
Max:	40.8										
Min:	20.0										
Average:	23.1	4	<3	63	0.19			2.0	7.37		
Total Flow:	647.8										
Geo.Mean:										25	18

Notes:

- (1) Effluent ammonia load based upon Raw Sewage flows and Final Cell NH3-N concentrations
- (2) nr - not recorded or no result; na - not analyzed; ns - no sample

- (3) Where value is expressed as less than (<), the value is halved and used in the calculations
- (4) * = 30 day rolling average