

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
April 2015

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-Apr-15	25.0	11	7	0.8	0.03	0.5	5	3	9.33	<3	<3
2-Apr-15	23.2	16	nr	1.9	<0.01	0.5	5	2	9.36	<3	<3
3-Apr-15	23.0	14	nr	0.2	<0.01	0.4	5	1	9.48	<3	<3
4-Apr-15	21.5	14	8	0.1	<0.01	0.4	5	2	9.59	<3	<3
5-Apr-15	21.9	10	7	0.1	<0.01	0.4	5	2	9.69	4	4
6-Apr-15	21.5	12	7	0.1	<0.01	0.4	5	3	9.83	<3	<3
7-Apr-15	20.7	13	nr	0.1	0.03	0.4	5	4	9.67	<3	<3
8-Apr-15	19.4	13	5	0.1	0.02	0.4	4	4	9.69	<3	<3
9-Apr-15	23.3	13	7	0.1	<0.01	0.4	4	4	9.68	<3	<3
10-Apr-15	20.9	16	7	0.1	0.02	0.4	4	4	9.70	<3	<3
11-Apr-15	22.4	18	7	0.1	0.02	0.4	4	4	9.66	3	3
12-Apr-15	23.9	21	7	0.7	0.02	0.3	4	6	9.63	4	<3
13-Apr-15	22.9	23	7	0.1	0.03	0.3	4	5	9.60	4	4
14-Apr-15	22.0	26	7	0.1	0.04	0.3	3	6	9.64	9	9
15-Apr-15	21.9	60	7	0.1	0.02	0.3	3	7	9.53	7	7
16-Apr-15	22.1	62	7	9.1	0.03	0.3	3	8	9.44	4	4
17-Apr-15	21.9	50	nr	6.4	0.05	0.3	3	9	9.45	75	75
18-Apr-15	22.5	54	9	2.9	0.04	0.3	3	9	9.48	43	23
19-Apr-15	34.8	53	9	0.2	0.04	0.3	3	10	9.50	4	4
20-Apr-15	27.0	47	10	0.1	0.05	0.3	3	7	9.43	4	4
21-Apr-15	24.1	43	8	0.1	0.07	0.3	3	5	9.36	9	9
22-Apr-15	23.3	51	10	0.7	0.06	0.3	3	4	9.45	23	23
23-Apr-15	22.7	53	9	0.1	0.05	0.3	3	5	9.56	43	43
24-Apr-15	22.2	33	10	0.1	0.04	0.4	3	6	9.56	43	43
25-Apr-15	22.8	34	11	0.1	0.03	0.4	3	7	9.59	7	7
26-Apr-15	22.8	45	11	0.1	0.05	0.4	2	8	9.68	43	43
27-Apr-15	22.4	38	14	0.1	0.03	0.4	2	10	9.53	9	9
28-Apr-15	21.8	50	12	0.9	0.05	0.4	2	10	9.55	43	43
29-Apr-15	22.0	63	12	0.1	0.05	0.4	2	12	9.62	43	43
30-Apr-15	22.2	80	12	0.1	0.07	0.4	2	13	9.57	23	23
Max:	34.8										
Min:	19.4										
Average:	22.9	35	9	1	0.03			6	9.56		
Total Flow:	688.1										
Geo.Mean:										7	6

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

(5) Total Nitrogen results are calculated from TKN and nitrate values