

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
May 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-May-15	23.7	41	9	0.1	0.07	0.4	2	13	9.48	23	23
2-May-15	22.8	62	11	0.1	0.09	0.4	2	14	9.48	43	43
3-May-15	23.1	60	9	0.1	0.12	0.4	2	14	9.48	43	43
4-May-15	22.0	52	10	0.1	0.13	0.4	2	14	9.43	9	9
5-May-15	21.8	56	9	0.1	0.14	0.4	2	14	9.60	43	43
6-May-15	22.9	50	8	0.1	0.20	0.4	2	15	9.56	93	93
7-May-15	34.1	55	8	0.2	0.25	0.5	2	15	9.46	43	43
8-May-15	24.7	37	7	0.1	0.26	0.5	2	11	9.38	230	230
9-May-15	23.8	27	6	0.1	0.27	0.5	2	9	9.60	93	93
10-May-15	23.7	29	6	0.1	0.29	0.5	2	10	9.52	23	23
11-May-15	22.9	39	9	0.1	0.29	0.5	2	9	9.56	150	150
12-May-15	22.1	23	5	0.9	0.32	0.5	2	9	9.43	11	11
14-May-15	22.3	23	7	0.7	0.30	0.5	2	9	9.21	93	93
13-May-15	35.8	18	6	2.5	0.35	0.5	2	10	9.41	230	230
15-May-15	40.1	19	<3	10.4	0.38	0.6	2	10	9.11	230	230
16-May-15	28.7	18	nr	4.9	0.44	0.6	2	12	9.04	43	43
17-May-15	60.9	56	nr	13.4	0.38	0.6	2	12	8.82	430	230
18-May-15	68.5	30	nr	21.9	0.30	0.6	2	7	8.44	430	430
19-May-15	59.6	38	nr	35.2	0.34	0.6	2	7	8.42	120	120
20-May-15	43.9	16	nr	20.2	0.16	0.6	2	9	8.15	230	230
21-May-15	37.1	14	nr	19.7	0.14	0.6	2	11	8.20	9	9
22-May-15	33.7	11	4	22.9	0.40	0.6	2	14	8.06	230	230
23-May-15	32.0	13	4	17.3	0.21	0.6	2	16	8.19	4	<3
24-May-15	31.4	13	7	15.4	0.12	0.6	2	18	8.42	44	4
25-May-15	31.0	21	8	4.0	0.11	0.6	2	19	8.31	9	9
26-May-15	30.4	19	6	1.5	0.14	0.6	2	14	9.20	23	23
27-May-15	29.5	17	7	3.0	0.16	0.6	2	20	9.31	<30	<30
28-May-15	38.0	16	5	16.0	0.23	0.6	2	19	9.19	15	15
29-May-15	32.3	8	8	10.0	0.31	0.6	2	16	9.01	43	43
30-May-15	30.6	10	6	8.3	0.37	0.6	2	13	8.95	9	9
31-May-15	30.4	14	6	8.8	0.42	0.6	2	14	8.94	93	93
Max:	68.5										
Min:	21.8										
Average:	32.4	29	7	8	0.25			13	9.04		
Total Flow:	1003.8									50	44
Geo.Mean:											

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