

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
June 2018

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample					
		Date	Final Effluent Daily Flow ML	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
				(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
1-Jun-18	22.3	29	7	0.1	0.17	0.4	1.4	19.5	9.60	210	300		
2-Jun-18	22.2	35	7	9.3	0.22	0.4	1.4	17.2	9.65	320	190		
3-Jun-18	22.3	29	8	11.1	0.20	0.4	1.4	16.1	9.44	330	160		
4-Jun-18	22.4	27	10	0.1	0.15	0.4	1.4	17.8	9.65	20	60		
5-Jun-18	22.3	31	10	0.7	0.16	0.4	1.4	18.1	9.72	90	40		
6-Jun-18	22.1	25	9	0.9	0.17	0.4	1.4	18.9	9.75	10	20		
7-Jun-18	22.0	21	7	0.1	0.17	0.4	1.4	19.2	9.78	<10	10		
8-Jun-18	21.9	21	6	0.1	0.19	0.4	1.3	20.4	9.79	10	10		
9-Jun-18	21.9	21	5	0.1	0.23	0.4	1.3	20.3	9.66	<10	30		
10-Jun-18	21.7	22	5	0.1	0.29	0.4	1.3	20.9	9.60	20	10		
11-Jun-18	21.6	17	5	0.1	0.27	0.4	1.3	21.7	9.49	<10	10		
12-Jun-18	21.6	17	5	0.1	0.29	0.4	1.3	19.7	9.43	20	30		
13-Jun-18	21.6	18	6	3.9	0.29	0.4	1.3	19.9	9.43	<10	30		
14-Jun-18	21.9	21	5	0.1	0.31	0.4	1.3	19.4	9.48	10	<10		
15-Jun-18	22.9	22	6	8.3	0.35	0.4	1.3	19.9	9.28	80	60		
16-Jun-18	23.2	23	7	4.2	0.33	0.4	1.3	21.9	9.42	10	30		
17-Jun-18	23.1	22	7	0.1	0.36	0.4	1.3	20.9	9.34	30	20		
18-Jun-18	23.0	22	9	0.1	0.37	0.5	1.3	21.9	9.37	20	30		
19-Jun-18	22.9	nr	7	2.5	0.39	0.5	1.3	23.6	9.48	<10	<10		
20-Jun-18	22.8	18	6	0.1	0.37	0.5	1.4	24.9	9.43	<10	10		
21-Jun-18	22.6	23	6	0.1	0.38	0.5	1.4	25.5	9.38	30	<10		
22-Jun-18	22.9	18	6	21.3	0.47	0.5	1.4	26.6	9.34	<10	10		
23-Jun-18	23.2	18	5	5.8	0.51	0.5	1.4	24.1	9.08	20	10		
24-Jun-18	23.1	13	4	7.4	0.52	0.5	1.4	23.9	8.97	10	40		
25-Jun-18	22.9	12	6	13.7	0.66	0.5	1.5	22.8	8.73	10	10		
26-Jun-18	22.9	8	5	18.5	0.67	0.5	1.5	23.2	8.59	10	10		
27-Jun-18	23.1	12	5	19.4	0.59	0.5	1.6	24.0	8.27	10	30		
28-Jun-18	23.0	10	6	22.3	0.75	0.6	1.6	24.3	8.24	<10	20		
29-Jun-18	23.2	10	5	24.1	0.79	0.6	1.7	25.1	8.25	<10	10		
30-Jun-18	23.0	14	6	27.4	0.79	0.6	1.7	24.9	8.09	1,410	20		
Max:	23.2												
Min:	21.6												
Average:	22.5	20	6	6.7	0.38			21.6	9.26				
Total Flow:	675.5												
Geo.Mean:										19	21		

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