

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
April 2019

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-Apr-19	23.2	10	7	30.1	0.126	0.5	7.3	3.6	7.36	10	20		
2-Apr-19	23.3	12	7	24.2	nr	0.5	7.2	5.8	7.50	<10	<10		
3-Apr-19	23.1	20	9	14.3	<0.013	0.5	7.1	3.8	7.69	<10	10		
4-Apr-19	23.6	19	10	10.5	0.030	0.5	7.0	4.4	8.28	10	<10		
5-Apr-19	23.9	23	12	7.1	0.200	0.5	6.9	3.3	8.45	<10	10		
6-Apr-19	26.4	23	14	6.6	0.192	0.4	6.7	3.8	8.81	10	<10		
7-Apr-19	28.0	17	15	0.4	0.028	0.4	6.6	3.6	9.12	<10	20		
8-Apr-19	28.2	22	13	0.2	0.053	0.4	6.5	3.5	9.36	<10	10		
9-Apr-19	28.0	25	13	0.2	0.025	0.4	6.3	3.2	9.53	<10	<10		
10-Apr-19	27.7	26	13	1.5	0.019	0.4	6.2	4.0	9.62	<10	<10		
11-Apr-19	27.3	32	11	0.2	0.062	0.4	6.1	3.7	9.61	<10	<10		
12-Apr-19	26.8	17	11	0.2	0.027	0.4	5.9	4.1	9.63	<10	<10		
13-Apr-19	26.5	11	8	0.2	0.039	0.4	5.8	3.2	9.66	<10	<10		
14-Apr-19	27.2	15	6	1.1	0.038	0.4	5.7	3.7	9.64	<10	<10		
15-Apr-19	27.9	11	5	0.2	0.028	0.4	5.5	4.1	9.61	<10	<10		
16-Apr-19	27.8	11	6	0.2	0.157	0.4	5.4	4.1	9.70	<10	<10		
17-Apr-19	27.5	12	6	4.0	0.032	0.4	5.2	5.0	9.66	<10	<10		
18-Apr-19	27.1	11	7	7.3	<0.013	0.3	5.1	5.9	9.71	<10	<10		
19-Apr-19	26.9	12	6	2.0	<0.013	0.3	4.9	6.2	9.67	<10	<10		
20-Apr-19	26.5	16	7	2.1	<0.013	0.3	4.8	6.4	9.64	<10	<10		
21-Apr-19	26.1	18	7	1.1	<0.013	0.3	4.6	7.0	9.63	20	10		
22-Apr-19	25.6	25	8	3.8	<0.013	0.3	4.4	7.1	9.72	<10	10		
23-Apr-19	25.0	30	8	1.1	<0.013	0.3	4.3	8.0	9.67	10	<10		
24-Apr-19	24.3	30	11	0.2	<0.013	0.3	4.1	8.0	9.53	40	30		
25-Apr-19	23.9	42	9	0.2	<0.013	0.3	4.0	9.3	9.59	10	<10		
26-Apr-19	23.5	47	8	0.2	<0.013	0.3	3.8	8.9	9.55	20	20		
27-Apr-19	23.1	45	10	0.1	0.020	0.3	3.7	8.9	9.67	20	10		
28-Apr-19	22.6	46	13	1.2	0.062	0.3	3.5	8.8	9.63	20	50		
29-Apr-19	22.2	50	9	2.3	0.022	0.3	3.4	8.4	9.62	20	<10		
30-Apr-19	21.8	51	11	0.1	<0.013	0.3	3.3	8.0	9.71	30	<10		
Max:	28.2												
Min:	21.8												
Average:	25.5	24.3	9.3	4.1	0.04			5.6	9.29				
Total Flow:	764.9												
Geo.Mean:										8	8		

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