

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
May 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-May-18	19.0	38	9	0.1	0.17	0.3	3.5	9.3	9.05	10	<10		
2-May-18	19.0	24	10	0.1	0.04	0.3	3.4	8.6	9.06	10	<10		
3-May-18	18.9	29	11	0.1	<0.01	0.3	3.3	9.9	9.10	10	10		
4-May-18	18.9	24	13	0.1	<0.01	0.3	3.1	11.2	9.20	20	<10		
5-May-18	18.7	26	11	0.1	0.06	0.3	3.0	12.1	9.30	<10	10		
6-May-18	18.6	30	12	0.1	0.05	0.3	2.9	13.3	9.53	<10	<10		
7-May-18	18.4	36	13	0.1	<0.01	0.3	2.7	15.1	9.52	<10	<10		
8-May-18	18.2	38	12	0.2	0.03	0.3	2.6	15.7	9.60	10	20		
9-May-18	18.1	32	11	0.1	0.07	0.3	2.6	15.5	9.59	<10	20		
10-May-18	18.0	34	11	0.1	0.07	0.3	2.5	13.2	9.62	<10	20		
11-May-18	17.8	31	9	0.1	0.04	0.3	2.4	13.2	9.63	<10	<10		
12-May-18	17.8	33	10	0.1	0.06	0.3	2.4	12.7	9.56	60	20		
13-May-18	17.7	24	10	0.4	0.04	0.3	2.3	14.1	9.62	<10	10		
14-May-18	17.3	33	9	0.3	0.04	0.3	2.2	15.3	9.59	20	20		
15-May-18	17.5	39	8	4.7	0.06	0.3	2.1	14.8	9.61	10	20		
16-May-18	17.6	30	9	13.0	0.10	0.3	2.1	15.6	9.57	10	10		
17-May-18	18.1	36	9	18.3	0.12	0.3	2.0	14.4	9.61	30	60		
18-May-18	18.3	36	10	0.1	0.08	0.3	1.9	13.3	9.56	40	90		
19-May-18	18.4	37	10	0.9	0.06	0.3	1.8	11.9	9.52	80	100		
20-May-18	18.3	35	12	1.1	0.04	0.3	1.8	13.6	9.78	30	20		
21-May-18	18.3	33	9	0.5	<0.01	0.3	1.7	16.3	9.95	<10	10		
22-May-18	18.3	35	9	0.4	<0.01	0.3	1.7	18.1	10.00	10	20		
23-May-18	18.5	41	9	0.1	<0.01	0.4	1.6	19.7	10.10	<10	60		
24-May-18	18.8	31	8	0.1	<0.01	0.4	1.6	21.2	10.10	30	40		
25-May-18	18.8	34	9	0.1	<0.01	0.4	1.6	21.0	10.00	30	130		
26-May-18	18.7	36	13	0.1	<0.01	0.4	1.5	21.9	10.10	50	50		
27-May-18	18.6	29	nr	0.1	<0.01	0.4	1.5	22.9	10.20	20	20		
28-May-18	18.8	31	9	0.1	0.03	0.4	1.5	23.0	10.20	<10	30		
29-May-18	20.4	22	8	2.2	0.05	0.4	1.4	22.4	10.10	<10	<10		
30-May-18	21.8	19	7	2.2	0.08	0.4	1.4	22.8	10.20	10	<10		
31-May-18	22.3	23	8	0.4	0.14	0.4	1.4	20.8	9.74	110	14		
Max:	22.3												
Min:	17.3												
Average:	18.6	32	10	1.5	0.05			15.9	9.69				
Total Flow:	577.7												
Geo.Mean:										13	17		

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