

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data
March 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-Mar-18	17.2	8	8	29.5	0.27	0.6	8.1	2.0	7.16	20	10		
2-Mar-18	17.1	10	9	31.0	0.32	0.6	8.2	1.9	7.21	20	<10		
3-Mar-18	17.4	8	8	32.0	0.39	0.6	8.2	0.7	7.14	20	20		
4-Mar-18	17.4	ns	ns	ns	ns	0.6	8.3	0.6	7.17	20	50		
5-Mar-18	17.1	ns	ns	ns	ns	0.6	8.3	ns	ns	ns	ns		
6-Mar-18	18.1	6	7	32.7	0.34	0.6	8.3	1.2	7.23	30	30		
7-Mar-18	18.1	7	7	31.9	0.31	0.6	8.3	1.6	7.11	40	80		
8-Mar-18	18.1	5	6	32.2	0.30	0.6	8.3	1.4	7.28	80	60		
9-Mar-18	17.3	5	5	30.6	0.33	0.6	8.3	1.4	7.21	50	130		
10-Mar-18	18.0	10	6	31.2	0.33	0.6	8.2	0.8	6.95	60	60		
11-Mar-18	18.0	6	5	31.8	0.33	0.6	8.2	0.7	7.00	150	60		
12-Mar-18	18.0	4	5	30.6	0.30	0.6	8.1	2.1	7.11	120	140		
13-Mar-18	17.9	4	4	30.8	0.31	0.6	8.1	1.9	7.17	100	120		
14-Mar-18	17.9	4	5	32.8	0.34	0.6	8.0	1.8	7.24	80	70		
15-Mar-18	17.9	4	4	32.2	0.31	0.6	7.9	1.9	7.13	90	120		
16-Mar-18	17.9	5	4	32.7	0.30	0.6	7.9	1.3	7.12	60	50		
17-Mar-18	17.9	3	4	33.9	0.33	0.6	7.8	1.0	7.15	100	50		
18-Mar-18	18.0	4	4	34.5	0.33	0.6	7.8	0.5	7.18	40	40		
19-Mar-18	18.0	4	4	34.8	0.32	0.6	7.7	2.0	7.09	70	50		
20-Mar-18	18.1	10	6	36.1	0.31	0.6	7.6	1.6	7.05	40	60		
21-Mar-18	18.1	9	5	35.1	0.29	0.6	7.5	1.4	7.15	60	40		
22-Mar-18	18.3	8	4	38.4	0.28	0.6	7.4	1.1	7.11	40	60		
23-Mar-18	18.3	9	nr	40.2	0.24	0.5	7.3	1.9	7.12	60	110		
24-Mar-18	18.3	8	nr	40.0	0.25	0.5	7.2	1.0	7.10	130	80		
25-Mar-18	18.3	6	nr	43.8	0.27	0.5	7.0	1.1	7.19	100	60		
26-Mar-18	18.4	7	5	41.7	0.24	0.5	6.9	2.0	7.15	110	60		
27-Mar-18	18.8	8	5	43.1	0.28	0.5	6.8	2.1	7.14	120	160		
28-Mar-18	19.0	11	7	42.6	0.29	0.5	6.7	2.2	7.09	150	50		
29-Mar-18	18.9	10	5	39.6	0.26	0.5	6.5	2.5	7.15	90	110		
30-Mar-18	18.9	11	4	36.5	0.21	0.5	6.4	1.6	7.12	10	60		
31-Mar-18	18.9	11	7	30.6	0.22	0.5	6.3	1.7	7.15	40	40		
Max:	19.0												
Min:	17.1												
Average:	18.0	7	6	34.9	0.30			1.5	7.14				
Total Flow:	559.4												
Geo.Mean:										57	60		

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