

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

October 2019

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample					
		Date	Final Effluent Daily Flow	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
			ML	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
1-Oct-19	46.9	22	5	2.0	0.426	0.7	2.3	9.1	9.40	60	100		
2-Oct-19	45.5	15	6	0.3	0.427	0.7	2.3	9.9	9.34	20	60		
3-Oct-19	44.1	20	6	0.3	0.439	0.7	2.3	8.8	9.41	120	40		
4-Oct-19	43.8	27	4	0.3	0.411	0.7	2.3	8.4	9.43	50	30		
5-Oct-19	43.3	23	4	0.3	0.316	0.7	2.3	9.2	9.37	50	70		
6-Oct-19	42.6	33	6	0.7	0.287	0.7	2.2	7.9	9.40	160	230		
7-Oct-19	41.2	34	7	2.1	0.242	0.7	2.2	8.1	9.38	150	180		
8-Oct-19	39.6	32	7	0.3	0.196	0.7	2.2	10.5	9.48	60	50		
9-Oct-19	39.7	36	7	0.3	0.175	0.7	2.2	12.1	9.42	30	40		
10-Oct-19	41.3	40	8	0.5	0.217	0.7	2.2	7.6	9.41	180	230		
11-Oct-19	41.9	57	7	0.3	0.197	0.6	2.2	5.0	9.43	260	360		
12-Oct-19	43.3	46	9	0.3	0.172	0.6	2.2	5.9	9.43	200	200		
13-Oct-19	45.7	41	7	1.0	0.134	0.6	2.2	4.6	9.36	100	100		
14-Oct-19	47.7	34	8	13.6	0.109	0.6	2.2	4.0	9.47	40	20		
15-Oct-19	49.3	37	9	0.3	0.064	0.6	2.2	4.6	9.38	40	40		
16-Oct-19	49.9	37	9	0.3	0.046	0.6	2.2	4.7	9.40	nr	<10		
17-Oct-19	49.8	44	10	0.3	0.027	0.6	2.2	4.5	9.36	30	40		
18-Oct-19	49.2	38	9	0.3	0.019	0.6	2.2	6.1	9.33	70	60		
19-Oct-19	48.2	35	9	1.1	<0.013	0.6	2.2	5.9	9.34	40	50		
20-Oct-19	47.4	26	8	0.3	0.023	0.5	2.1	6.1	9.38	40	30		
21-Oct-19	46.6	27	7	0.3	0.032	0.5	2.1	8.7	9.14	10	30		
22-Oct-19	45.4	27	7	0.3	0.035	0.5	2.1	6.0	9.23	<10	50		
23-Oct-19	44.3	28	8	10.4	0.139	0.5	2.1	5.1	9.22	30	40		
24-Oct-19	43.1	32	8	1.1	0.031	0.5	2.1	4.6	9.26	20	nr		
25-Oct-19	41.5	35	9	0.3	0.042	0.5	2.1	4.2	9.23	20	20		
26-Oct-19	40.2	35	10	0.3	0.014	0.4	2.1	5.1	9.24	30	60		
27-Oct-19	39.1	37	11	0.3	<0.013	0.4	2.2	5.1	9.20	40	30		
28-Oct-19	37.6	20	10	2.0	0.019	0.4	2.2	3.3	9.19	40	30		
29-Oct-19	36.6	36	10	0.2	<0.013	0.4	2.2	6.4	9.14	30	30		
30-Oct-19	35.6	28	9	0.2	<0.013	0.4	2.2	5.3	9.20	<10	10		
31-Oct-19	34.6	23	11	0.2	<0.013	0.4	2.2	9.0	9.19	<10	10		
Max:	49.9												
Min:	34.6												
Average:	43.4	32	8	1.3	0.138			6.6	9.33				
Total Flow:	1345.0												
Geo.Mean:										41	47		

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