

**City of Winnipeg  
Water and Waste Department  
West End Water Pollution Control Centre Monitoring Data  
October 2015**

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample			
		TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
1-Oct-15	21.4	43	6	0.1	0.41	0.9	2	13	9.28	210	210
2-Oct-15	21.3	27	7	2.3	0.39	0.9	2	13	9.26	240	240
3-Oct-15	21.5	38	7	0.1	0.33	0.9	3	14	9.43	240	240
4-Oct-15	22.2	46	6	0.1	0.31	0.9	3	12	9.49	43	43
5-Oct-15	21.8	54	8	0.1	0.28	0.9	3	11	9.30	30	30
6-Oct-15	21.1	58	7	0.1	0.26	0.9	3	12	9.31	43	43
7-Oct-15	23.7	40	7	0.1	0.23	0.8	3	10	9.33	430	430
8-Oct-15	25.7	46	7	2.1	0.18	0.8	3	11	9.34	93	93
9-Oct-15	21.9	50	7	0.7	0.19	0.8	3	9	9.28	240	240
10-Oct-15	22.1	45	8	0.4	0.17	0.8	3	10	9.35	43	43
11-Oct-15	21.9	46	8	0.1	0.16	0.8	3	11	9.35	240	240
12-Oct-15	32.1	58	8	0.2	0.14	0.8	3	11	9.33	430	430
13-Oct-15	25.6	60	7	0.1	0.12	0.8	3	9	9.25	2,400	2,400
14-Oct-15	23.6	44	9	0.1	0.10	0.8	3	9	9.32	240	240
15-Oct-15	22.8	50	10	0.1	0.08	0.8	3	9	9.31	240	240
16-Oct-15	22.2	33	9	0.1	0.05	0.8	3	7	9.27	240	240
17-Oct-15	22.6	55	10	0.1	0.04	0.8	3	7	9.27	93	93
18-Oct-15	23.7	49	4	0.1	0.07	0.8	3	6	9.46	140	140
19-Oct-15	22.3	48	11	0.1	0.05	0.8	3	7	9.31	30	30
20-Oct-15	22.3	55	10	0.1	0.04	0.8	3	8	9.35	23	23
21-Oct-15	22.0	47	10	0.1	0.03	0.8	3	8	9.28	150	150
22-Oct-15	21.1	52	9	0.1	0.03	0.7	3	8	9.25	23	23
23-Oct-15	27.0	46	11	0.1	0.04	0.7	3	8	9.23	23	23
24-Oct-15	24.0	37	9	0.1	0.04	0.7	3	8	9.31	43	43
25-Oct-15	23.5	43	10	0.1	0.09	0.7	3	7	9.24	43	43
26-Oct-15	21.9	44	9	0.1	0.04	0.7	3	7	9.25	43	43
27-Oct-15	21.6	41	9	0.1	0.02	0.7	3	7	9.17	23	23
28-Oct-15	23.0	36	10	0.1	0.04	0.7	3	7	9.15	43	43
29-Oct-15	21.7	43	8	0.1	0.03	0.7	4	6	9.11	93	93
30-Oct-15	21.7	44	8	0.1	0.04	0.7	4	5	9.11	93	93
31-Oct-15	22.3	40	8	0.2	0.04	0.7	4	6	9.21	23	23
<b>Min:</b>	21.1										
<b>Average:</b>	<b>23.0</b>	<b>46</b>	<b>8</b>	<b>0.3</b>	<b>0.13</b>			<b>9</b>	<b>9.29</b>		
<b>Total Flow:</b>	<b>711.7</b>									<b>93</b>	<b>93</b>
<b>Geo.Mean:</b>											

**Notes:**

- (1) Effluent ammonia load based upon Raw Sewage flows and Final Cell NH3-N concentrations
- (2) nr - not recorded or no result; na - not analyzed; ns - no sample

- (3) Where value is expressed as less than (<), the value is halved and used in the calculations
- (4) \* = 30 day rolling average
- (5) Total Nitrogen results are calculated from TKN and nitrate values