

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

April 2021

| 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-21 | 17.2 | 27 | 9 | 0.4 | 0.041 | 0.4 | 4.7 | 4.1 | 9.07 | <10 | <10 | | |
| 2-Apr-21 | 17.2 | 28 | 8 | 0.8 | 0.015 | 0.4 | 4.6 | 2.4 | 9.24 | <10 | 10 | | |
| 3-Apr-21 | 17.2 | 31 | 9 | 0.2 | <0.013 | 0.3 | 4.5 | 3.3 | 9.28 | <10 | <10 | | |
| 4-Apr-21 | 17.1 | 35 | 13 | 0.2 | <0.013 | 0.3 | 4.4 | 3.9 | 9.37 | <10 | <10 | | |
| 5-Apr-21 | 17.1 | 31 | 10 | 0.2 | 0.015 | 0.3 | 4.3 | 4.6 | 9.45 | 10 | <10 | | |
| 6-Apr-21 | 17.0 | 32 | 11 | 0.1 | <0.013 | 0.3 | 4.2 | 6.6 | 9.49 | <10 | <10 | | |
| 7-Apr-21 | 17.1 | 37 | 10 | 0.6 | 0.023 | 0.3 | 4.1 | 8.1 | 9.62 | 30 | <10 | | |
| 8-Apr-21 | 17.2 | 35 | 11 | <0.1 | <0.013 | 0.3 | 4.0 | 8.2 | 9.65 | 10 | <10 | | |
| 9-Apr-21 | 17.4 | 37 | 12 | <0.1 | <0.013 | 0.3 | 3.9 | 8.1 | 9.63 | <10 | <10 | | |
| 10-Apr-21 | 17.4 | 39 | 13 | <0.1 | 0.080 | 0.3 | 3.8 | 6.5 | 9.67 | <10 | 30 | | |
| 11-Apr-21 | 18.0 | 38 | 13 | 1.2 | 0.101 | 0.3 | 3.7 | 8.4 | 9.75 | <10 | 10 | | |
| 12-Apr-21 | 18.4 | 44 | 12 | 0.1 | 0.017 | 0.3 | 3.6 | 8.1 | 9.70 | <10 | <10 | | |
| 13-Apr-21 | 18.5 | 58 | 9 | <0.1 | <0.013 | 0.3 | 3.5 | 6.0 | 9.67 | 10 | <10 | | |
| 14-Apr-21 | 18.6 | 54 | 11 | 0.3 | 0.014 | 0.3 | 3.4 | 5.7 | 9.63 | 10 | <10 | | |
| 15-Apr-21 | 18.8 | 59 | 12 | 0.3 | <0.013 | 0.3 | 3.3 | 5.4 | 9.67 | <10 | <10 | | |
| 16-Apr-21 | 19.2 | 57 | 11 | 0.1 | <0.013 | 0.3 | 3.3 | 6.0 | 9.64 | <10 | <10 | | |
| 17-Apr-21 | 19.3 | 60 | 15 | 0.1 | <0.013 | 0.3 | 3.2 | 6.0 | 9.65 | <10 | <10 | | |
| 18-Apr-21 | 19.3 | 76 | 16 | <0.1 | <0.013 | 0.3 | 3.1 | 7.1 | 9.67 | <10 | <10 | | |
| 19-Apr-21 | 19.3 | 72 | 14 | 2.0 | <0.013 | 0.3 | 3.1 | 6.3 | 9.62 | 10 | 10 | | |
| 20-Apr-21 | 19.3 | 68 | 15 | 0.2 | 0.023 | 0.3 | 3.1 | 7.2 | 9.61 | 10 | 10 | | |
| 21-Apr-21 | 19.1 | 68 | 12 | 0.3 | 0.027 | 0.3 | 3.0 | 5.6 | 9.66 | 30 | 20 | | |
| 22-Apr-21 | 18.9 | 62 | 14 | 3.2 | 0.019 | 0.3 | 3.0 | 7.2 | 9.65 | 30 | 30 | | |
| 23-Apr-21 | 18.7 | 73 | 14 | 0.5 | 0.019 | 0.3 | 3.0 | 7.9 | 9.70 | 10 | <10 | | |
| 24-Apr-21 | 18.4 | 69 | 15 | 0.6 | 0.016 | 0.3 | 3.0 | 5.7 | 9.58 | <10 | <10 | | |
| 25-Apr-21 | 18.4 | 62 | 15 | 1.1 | 0.030 | 0.3 | 3.0 | 6.7 | 9.77 | 50 | 20 | | |
| 26-Apr-21 | 18.4 | 70 | 13 | 0.8 | 0.019 | 0.3 | 3.0 | 7.1 | 9.65 | 40 | 20 | | |
| 27-Apr-21 | 18.2 | 56 | 14 | 0.2 | 0.016 | 0.3 | 3.0 | 8.0 | 9.50 | <10 | 10 | | |
| 28-Apr-21 | 17.9 | 52 | 14 | 0.7 | 0.020 | 0.3 | 3.0 | 10.0 | 9.72 | <10 | 10 | | |
| 29-Apr-21 | 17.4 | 54 | 15 | 0.5 | 0.023 | 0.3 | 3.0 | 8.5 | 9.63 | 10 | 10 | | |
| 30-Apr-21 | 17.3 | 72 | 13 | 0.1 | 0.015 | 0.3 | 3.0 | 8.6 | 9.63 | 10 | 10 | | |
| Max: | 19.3 | | | | | | | | | | | | |
| Min: | 17.0 | | | | | | | | | | | | |
| Average: | 18.1 | 52 | 12 | 0.5 | 0.020 | | | 6.6 | 9.59 | | | | |
| Total Flow: | 543.0 | | | | | | | | | | | | |
| Geo.Mean: | | | | | | | | | | 9 | 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