



Month: February

Water Treatment Plant

Year: 2026

| Date | Time | Filter (circle #) | Total Flow X1000 Gal | Total Usage X1000 GAL | Grnd Stor X1000 GAL | Grnd Stor Usage | Raw Iron | Finished Water Quality (mg/L) | | | | | | Ortho | | Ground Storage | | Dist CL2 | Notes (backwash filter #, filter res. Cl, pressures, etc) | |
|------|-------|-------------------|----------------------|-----------------------|---------------------|-----------------|----------|-------------------------------|----------|-----------|----------|----------|----------|-------|-----------|----------------|-----------|----------|---|--|
| | | | | | | | | Iron | Free Cl2 | Total Cl2 | Hardness | Fluoride | Temp (F) | pH | Phosphate | Free Cl2 | Total Cl2 | Total | | |
| 31 | | | 321365 | | 357225 | | | | | | | | | | | | | | | |
| 1 | 18:30 | 1 / 2 / 3 | 322,993 | 1,628 | 358,210 | 985 | | | 1.20 | | | | | | | 2.44 | 0.89 | 1.79 | | |
| 2 | 12:13 | 1 / 2 / 3 | 323,828 | 835 | 358,800 | 590 | 0.06 | 0.01 | 1.83 | 1.89 | 158.00 | | 58.70 | 7.91 | 2.94 | 2.32 | 0.87 | 1.72 | Backwash #2 | |
| 3 | 10:52 | 1 / 2 / 3 | 324,928 | 1,100 | 359,560 | 760 | 0.67 | 0.02 | 1.18 | 1.32 | 191.00 | 0.44 | 57.90 | 7.83 | 3.56 | 0.87 | 0.94 | 2.00 | | |
| 4 | 12:59 | 1 / 2 / 3 | 326,198 | 1,270 | 360,507 | 947 | 0.14 | 0.10 | 0.93 | 1.23 | 170.00 | 0.56 | 57.80 | 8.03 | 0.20 | 0.87 | 0.94 | 1.99 | Backwash #3 | |
| 5 | 8:58 | 1 / 2 / 3 | 327,295 | 1,097 | 361,191 | 684 | 0.05 | 0.01 | 1.93 | 2.03 | 166.00 | 0.21 | 58.20 | 8.00 | 0.84 | 2.40 | 0.87 | 2.06 | | |
| 6 | 10:56 | 1 / 2 / 3 | 328,541 | 1,246 | 362,076 | 885 | 0.86 | 0.01 | 1.25 | 1.38 | 220.00 | 0.23 | 59.30 | 7.85 | 1.59 | 2.50 | 0.92 | 2.04 | Backwash #1 | |
| 7 | 20:16 | 1 / 2 / 3 | 330,396 | 1,855 | 363,236 | 1,160 | | | 1.40 | | | | | | | 2.25 | 0.86 | 2.01 | | |
| 8 | 15:57 | 1 / 2 / 3 | 331,197 | 801 | 363,965 | 729 | | | 1.10 | | | | | | | 2.46 | 0.88 | 1.86 | | |
| 9 | 13:35 | 1 / 2 / 3 | 332,313 | 1,116 | 364,761 | 796 | 0.09 | 0.02 | 1.38 | 1.42 | 161.00 | 0.13 | 58.70 | 8.05 | 3.21 | 2.31 | 0.86 | 1.95 | | |
| 10 | 9:52 | 1 / 2 / 3 | 333,696 | 1,383 | 365,421 | 660 | 0.88 | 0.00 | 1.60 | 1.66 | 216.00 | 0.37 | 59.80 | 7.91 | 0.62 | 2.58 | 0.85 | 1.97 | Backwash #2, pH probe calibrated | |
| 11 | 10:20 | 1 / 2 / 3 | 334,908 | 1,212 | 366,377 | 956 | 0.02 | 0.00 | 0.69 | 1.87 | 193.00 | 0.35 | 58.50 | 8.00 | 0.45 | 0.87 | 0.94 | 2.00 | Backwash #3 | |
| 12 | 12:37 | 1 / 2 / 3 | 336,183 | 1,275 | 367,272 | 895 | 0.77 | 0.00 | 1.19 | 1.51 | 184.00 | 0.52 | 59.00 | 7.86 | 0.34 | 2.63 | 0.84 | 1.91 | Calibrated CL2 | |
| 13 | 11:38 | 1 / 2 / 3 | 337,256 | 1,073 | 367,991 | 719 | 0.05 | 0.00 | 1.19 | 1.42 | 161.00 | 0.02 | 58.70 | 8.07 | 3.88 | 2.54 | 0.83 | 1.93 | Backwash #1, changed all chem pump tubes | |
| 14 | 17:54 | 1 / 2 / 3 | 338,901 | 1,645 | 369,142 | 1,151 | | | 0.80 | | | | | | | 2.66 | 0.84 | 1.82 | | |
| 15 | 20:05 | 1 / 2 / 3 | 340,155 | 1,254 | 369,934 | 792 | | | 1.20 | | | | | | | 2.48 | 0.81 | 1.70 | | |
| 16 | 22:05 | 1 / 2 / 3 | 341,483 | 1,328 | 370,681 | 747 | | | 0.80 | | | | | | | 2.61 | 0.80 | 1.71 | | |
| 17 | 10:36 | 1 / 2 / 3 | 342,002 | 519 | 371,146 | 465 | 0.03 | 0.00 | 0.85 | 0.95 | 161.00 | 0.51 | 58.90 | 7.95 | 0.96 | 2.06 | 0.78 | 1.66 | Backwash #2 | |
| 18 | 13:14 | 1 / 2 / 3 | 343,204 | 1,202 | 372,032 | 886 | 0.10 | 0.02 | 1.22 | 1.30 | 173.00 | 0.36 | 60.00 | 8.05 | 2.06 | 2.41 | 0.76 | 1.83 | Backwash #3 | |
| 19 | 9:00 | 1 / 2 / 3 | 344,218 | 1,014 | 372,700 | 668 | 0.85 | 0.01 | 1.62 | 1.68 | 214.00 | 0.32 | 60.40 | 7.91 | 0.32 | 1.66 | 0.61 | 1.65 | | |
| 20 | 11:50 | 1 / 2 / 3 | 345,416 | 1,198 | 373,587 | 887 | 0.05 | 0.01 | 2.52 | 2.63 | 166.00 | 0.30 | 59.60 | 7.98 | 1.54 | 1.50 | 0.59 | 1.30 | Backwash #1 | |
| 21 | 19:51 | 1 / 2 / 3 | 347,189 | 1,773 | 374,694 | 1,107 | | | 1.10 | | | | | | | 1.79 | 0.65 | 1.08 | | |
| 22 | 20:09 | 1 / 2 / 3 | 347,866 | 677 | 375,517 | 823 | | | | | | | | | | 2.26 | 0.81 | 0.85 | Chlorine pump @ GS not working | |
| 23 | 11:50 | 1 / 2 / 3 | 349,041 | 1,175 | 375,915 | 398 | 0.08 | 0.01 | 1.70 | 1.76 | 168.00 | 0.33 | 59.30 | 7.99 | 3.50 | 1.79 | 0.66 | 1.79 | Backwash #2, Calibrated CL2 | |
| 24 | 10:20 | 1 / 2 / 3 | 350,124 | 1,083 | 376,604 | 689 | 0.05 | 0.01 | 2.00 | 2.06 | 207.00 | 0.23 | 58.40 | 7.90 | 0.59 | 1.76 | 0.68 | 1.72 | Backwash #3, Chlorine dosing changed from 1.6 to 2.0 | |
| 25 | 12:24 | 1 / 2 / 3 | 350,992 | 868 | 377,254 | 650 | 0.56 | 0.00 | 1.36 | 1.52 | 230.00 | 0.24 | 58.30 | 7.90 | 2.55 | 0.87 | 0.94 | 1.77 | | |
| 26 | 10:17 | 1 / 2 / 3 | 352,132 | 1,140 | 378,193 | 939 | 0.85 | 0.01 | 1.70 | 2.12 | 255.00 | 0.47 | 59.40 | 7.81 | 0.86 | 2.18 | 0.74 | 1.74 | Backwash #1, Chlorine dosing changed from 2.0 to 1.6 | |
| 27 | 12:20 | 1 / 2 / 3 | 353,316 | 1,184 | 379,053 | 860 | 0.86 | 0.08 | 1.52 | 1.66 | 255.00 | 0.29 | 58.20 | 7.88 | 1.82 | 1.90 | 0.70 | 1.38 | | |
| 28 | 18:30 | 1 / 2 / 3 | 354,906 | 1,590 | 380,015 | 962 | | | 1.40 | | | | | | | 2.02 | 0.62 | 1.13 | | |
| 29 | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | | | | 33,541 | | 22,790 | | | | | | | | | | | | | | |

METER LOCATION: Waterloo Plant

I certify that the information in this report is complete and accurate to the best of my knowledge:

REPORTED BY (SIGNATURE):

Phone: 618-973-0633

054-87-2943
Cert. Or Reg. No.

12.5% Chlorine Solution Fed
50% Sodium Hydroxide
94% Sulfuric Acid
24% Fluoride Solution Fed
% Orthophosphate

This Agency is authorized to require this information under Ill. Rev. Stat. 1979, Chapter 111 1/2, Section 1019. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$10,000.00 and an additional civil penalty up to \$1,000.00 for each day the failure continued, a fine up to \$1,000.00 and imprisonment up to one year. This form has been approved by the forms Management Center.

Test Kit used: Hach DR 3900



Month: February

Water Treatment Plant

Year: 2026

Softening Operating Log

| Date | Time | Reactor (circle #) | Total Usage X1000 GAL | INWC PSI Differential | Transfer (lbs) | Pellet Size (inches) | Hopper Depth (ft) | Reactor Pressure | NaOH Pressure | pH | | Reactor Ca Hardness | Effluent Ca Hardness | Notes (calibration performed, pellets discharged, seed added, etc) |
|------|-------|--------------------|-----------------------|-----------------------|----------------|----------------------|-------------------|------------------|---------------|---------|----------|---------------------|----------------------|--|
| | | | | | | | | | | Reactor | Effluent | | | |
| | | | | 60.2 | | | 10.7 | | | | | | | |
| 1 | 18:33 | 1 | 1,080 | 65.4 | | | | 29.8 | | 7.4 | 7.5 | | | |
| 2 | 12:15 | 1 | 630 | 69.1/47.2 | 500 | 3\32 | 10.5 | 29.2 | 30.0 | 7.4 | 7.8 | | | wasted 9 min |
| 3 | 10:54 | 1 | 840 | 51.1 | | | | 18.7 | 30.0 | 7.0 | 7.0 | | | |
| 4 | 13:01 | 1 | 900 | 55.5 | | | | 18.8 | 30.0 | 7.1 | 7.1 | | | |
| 5 | 9:02 | 1 | 820 | 59.6 | | | | 19.0 | 20.0 | 7.1 | 7.1 | | | |
| 6 | 12:03 | 1 | 870 | 63.8 | | | | 29.7 | 30.0 | 6.8 | 7.1 | | | |
| 7 | 20:19 | 1 | 1,210 | 69.6 | | | | 29.7 | | 7.2 | 7.3 | | | |
| 8 | 16:00 | 1 | 640 | 72.7 | | | | 30.0 | | 7.2 | 7.4 | | | |
| 9 | 13:35 | 1 | 820 | 76.6/54.3 | 500 | 1\16 | 10.5 | 29.8 | 30.0 | 7.4 | 7.2 | | | wasted 10 min |
| 10 | 9:56 | 1 | 950 | 58.7 | | | | 8.2 | | 7.1 | 7.1 | | | |
| 11 | 10:23 | 1 | 870 | 8.1 | | | | | 30.0 | 7.2 | 7.1 | | | |
| 12 | 12:43 | 1 | 920 | 8.2 | | | | 19.2 | 30.0 | 7.0 | 7.1 | | | |
| 13 | 12:41 | 1 | 780 | 71.6/52.6 | 500 | 1\16 | 10.6 | 29.1 | 30.0 | 7.0 | 7.2 | | | Wasted 8 Min |
| 14 | 17:57 | 1 | 1,130 | 57.8 | | | | 29.5 | | 7.4 | 7.4 | | | |
| 15 | 20:09 | 1 | 870 | 62.3 | | | | 29.5 | | 7.2 | 7.2 | | | |
| 16 | 22:07 | 1 | 870 | 69.3 | | | | 29.8 | | 7.2 | 7.3 | | | |
| 17 | 10:40 | 1 | 520 | 70.5/49.4 | 500 | 3\32 | 10.6 | 29.1 | 30.0 | 7.1 | 7.4 | | | Wasted 9 Min |
| 18 | 13:18 | 1 | 810 | 53.2 | | | | 19.1 | 30.0 | 7.0 | 7.1 | | | Sofenter 2 chlorinated and coliform samples collected |
| 19 | 9:04 | 1 | 770 | 56.5 | | | | 19.3 | 30.0 | 7.0 | 7.1 | | | |
| 20 | 11:54 | 1 | 860 | 60.9 | | | | 29.4 | 30.0 | 6.9 | 7.2 | | | |
| 21 | 19:55 | 1 | 1,180 | 66.6 | | | | 29.8 | | 7.4 | 7.4 | | | |
| 22 | 20:12 | 1 | 570 | 69.4 | | | | 29.9 | | 7.4 | 7.4 | | | |
| 23 | 11:58 | 2 | 690 | 4.8 | 6,000 | | | 30.2 | | 7.5 | 7.3 | | | Switching to Reactor #2 |
| 24 | 10:23 | 2 | 900 | 4.7 | | | | 19.5 | 18.0 | 7.4 | 7.3 | | | |
| 25 | 12:29 | 2 | 740 | 27.6 | | | | 32.8 | 18.0 | 7.4 | 7.2 | | | |
| 26 | 10:17 | 2 | 830 | 29.7 | | | | 19.4 | | 7.3 | 7.2 | | | |
| 27 | 12:24 | 2 | 890 | 4.9 | | | | 19.4 | 17.0 | 7.3 | 7.2 | | | |
| 28 | 18:35 | 2 | 1,030 | 36.0 | | | | 34.5 | | 7.6 | 7.4 | | | |
| 29 | | 1 / 2 | 0 | | | | | | | | | | | |
| 30 | | 1 / 2 | 0 | | | | | | | | | | | |
| 31 | | 1 / 2 | 0 | | | | | | | | | | | |
| | | | 23,990 | | | | | | | | | | | |

METER LOCATION: Waterloo Plant

I certify that the information in this report is complete and accurate to the best of my knowledge:

REPORTED BY (SIGNATURE):

054-87-2943
Cert. Or Reg. No.

Phone: 618-973-0633

12.5% Chlorine Solution Fed
50% Sodium Hydroxide
94% Sulfuric Acid
24% Fluoride Solution Fed
% Orthophosphate

This Agency is authorized to require this information under Ill. Rev. Stat. 1979, Chapter 111 1/2, Section 1019. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$10,000.00 and an additional civil penalty up to \$1,000.00 for each day the failure continued, a fine up to \$1,000.00 and imprisonment up to one year. This form has been approved by the forms Management Center.

Test Kit used: Hach DR 3900



Month: February
Year: 2026

| Date | Time | Well #1 | | Well #2 | | Well #3 | | Total Usage | Notes |
|------|-------|---------|-------|----------|-------|----------|-------|-------------|-------|
| | | Reading | Usage | Reading | Usage | Reading | Usage | | |
| 31 | | 70.5 | | 310028.0 | | 363153.8 | | | |
| 1 | 18:30 | 70.5 | 0 | 310035.4 | 7.4 | 363157.2 | 3.4 | 10.8 | |
| 2 | 12:12 | 70.5 | 0 | 310035.4 | 0.0 | 363163.5 | 6.3 | 6.3 | |
| 3 | 10:51 | 70.5 | 0 | 310041.7 | 6.3 | 363165.6 | 2.1 | 8.4 | |
| 4 | 12:58 | 70.5 | 0 | 310041.7 | 0.0 | 363174.6 | 9.0 | 9 | |
| 5 | 8:58 | 70.5 | 0 | 310041.7 | 0.0 | 363182.8 | 8.2 | 8.2 | |
| 6 | 10:56 | 70.5 | 0 | 310050.4 | 8.7 | 363182.8 | 0.0 | 8.7 | |
| 7 | 20:15 | 70.5 | 0 | 310054.9 | 4.5 | 363190.4 | 7.6 | 12.1 | |
| 8 | 15:54 | 70.5 | 0 | 310060.1 | 5.2 | 363191.6 | 1.2 | 6.4 | |
| 9 | 13:35 | 70.5 | 0 | 310060.8 | 0.7 | 363199.1 | 7.5 | 8.2 | |
| 10 | 9:52 | 70.5 | 0 | 310070.3 | 9.5 | 363199.1 | 0.0 | 9.5 | |
| 11 | 10:18 | 70.5 | 0 | 310070.3 | 0.0 | 363207.8 | 8.7 | 8.7 | |
| 12 | 12:36 | 70.5 | 0 | 310079.5 | 9.2 | 363207.8 | 0.0 | 9.2 | |
| 13 | 11:38 | 70.5 | 0 | 310079.5 | 0.0 | 363215.6 | 7.8 | 7.8 | |
| 14 | 19:53 | 70.5 | 0 | 310087.8 | 8.3 | 363218.6 | 3.0 | 11.3 | |
| 15 | 20:03 | 70.5 | 0 | 310091.0 | 3.2 | 363224.1 | 5.5 | 8.7 | |
| 16 | 22:05 | 70.5 | 0 | 310095.7 | 4.7 | 363228.1 | 4.0 | 8.7 | |
| 17 | 10:36 | 70.5 | 0 | 310095.7 | 0.0 | 363233.3 | 5.2 | 5.2 | |
| 18 | 13:13 | 70.5 | 0 | 310098.3 | 2.6 | 363238.8 | 5.5 | 8.1 | |
| 19 | 9:00 | 70.5 | 0 | 310106.0 | 7.7 | 363238.8 | 0.0 | 7.7 | |
| 20 | 11:50 | 70.5 | 0 | 310106.0 | 0.0 | 363247.4 | 8.6 | 8.6 | |
| 21 | 19:49 | 70.5 | 0 | 310113.8 | 7.8 | 363251.4 | 4.0 | 11.8 | |
| 22 | 20:08 | 70.5 | 0 | 310113.8 | 0.0 | 363257.1 | 5.7 | 5.7 | |
| 23 | 11:50 | 70.5 | 0 | 310113.8 | 0.0 | 363264.0 | 6.9 | 6.9 | |
| 24 | 10:19 | 70.5 | 0 | 310114.4 | 0.6 | 363272.4 | 8.4 | 9 | |
| 25 | 12:23 | 70.5 | 0 | 310121.2 | 6.8 | 363273.0 | 0.6 | 7.4 | |
| 26 | 10:15 | 70.5 | 0 | 310129.5 | 8.3 | 363273.0 | 0.0 | 8.3 | |
| 27 | 12:19 | 70.5 | 0 | 310138.4 | 8.9 | 363273.0 | 0.0 | 8.9 | |
| 28 | 18:30 | 70.5 | 0 | 310141.8 | 3.4 | 363279.9 | 6.9 | 10.3 | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| | | | 0 | | 113.8 | | 126.1 | 239.9 | |