


System Name Boonville Water Treatment Plant
 For the Month of Jun 24
 Signed 

PWSID Number 5287001
 IDEM Field Rep Anna Readle
 Title Operator Certification Number WT 220238

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

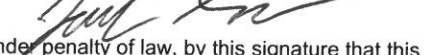
| Date | Treated gals | HS pumped + Yankeetown HS gals | Free Cl2 mg/l | Total Cl2 mg/l | Free Cl2 Dist. mg/l | Total Cl2 Dist. mg/l | Raw Fe mg/l | Fin. Fe mg/l | Raw Mn mg/l | Fin. Mn mg/l | Raw pH | Fin. pH |
|----------|-----------------|-----------------------------------|------------------|-------------------|------------------------|-------------------------|----------------|-----------------|----------------|-----------------|--------|---------|
| 06/01/24 | 1,066,000 | 1,078,000 | 1.83 | 2.03 | 1.71 | 1.96 | | | | | 7.46 | 7.30 |
| 06/02/24 | 1,056,000 | 814,000 | 1.48 | 1.64 | 1.46 | 1.54 | | | | | 7.34 | 7.28 |
| 06/03/24 | 1,026,000 | 1,013,000 | 1.24 | 1.44 | 1.11 | 1.46 | 1.32 | 0.02 | 0.312 | 0.033 | 7.30 | 7.35 |
| 06/04/24 | 949,000 | 932,000 | 1.87 | 2.06 | 1.38 | 1.59 | 1.47 | 0.02 | 0.306 | 0.036 | 7.31 | 7.35 |
| 06/05/24 | 973,000 | 955,000 | 2.02 | 2.26 | 1.86 | 1.93 | 1.00 | 0.04 | 0.070 | 0.025 | 7.34 | 7.35 |
| 06/06/24 | 969,000 | 962,000 | 2.00 | 2.17 | 1.87 | 2.00 | 4.27 | 0.02 | 0.386 | 0.030 | 7.29 | 7.34 |
| 06/07/24 | 962,000 | 945,000 | 1.79 | 1.92 | 1.45 | 1.90 | 0.70 | 0.05 | 0.262 | 0.031 | 7.65 | 7.35 |
| 06/08/24 | 951,000 | 942,000 | 2.11 | 2.18 | 1.55 | 1.71 | | | | | 7.51 | 7.28 |
| 06/09/24 | 1,067,000 | 1,069,000 | 1.88 | 2.23 | 1.89 | 1.97 | | | | | 7.60 | 7.47 |
| 06/10/24 | 997,000 | 1,012,000 | 1.86 | 1.97 | 1.48 | 1.57 | 0.67 | 0.02 | 0.264 | 0.026 | 7.67 | 7.59 |
| 06/11/24 | 1,280,000 | 1,026,000 | 1.78 | 1.82 | 1.83 | 1.83 | 0.41 | 0.02 | 0.278 | 0.045 | 7.48 | 7.42 |
| 06/12/24 | 1,002,000 | 986,000 | 1.47 | 1.77 | 1.07 | 1.35 | 0.66 | 0.06 | 0.262 | 0.042 | 7.70 | 7.46 |
| 06/13/24 | 1,061,000 | 1,043,000 | 1.96 | 2.07 | 1.72 | 1.94 | 0.60 | 0.03 | 0.258 | 0.036 | 7.51 | 7.47 |
| 06/14/24 | 1,052,000 | 1,046,000 | 2.18 | 2.38 | 2.07 | 2.30 | 0.60 | 0.04 | 0.267 | 0.034 | 7.54 | 7.45 |
| 06/15/24 | 1,048,000 | 1,036,000 | 2.06 | 2.31 | 2.07 | 2.19 | | | | | 7.54 | 7.47 |
| 06/16/24 | 1,151,000 | 1,145,000 | 2.10 | 2.16 | 2.06 | 2.20 | | | | | 7.57 | 7.51 |
| 06/17/24 | 1,094,000 | 1,067,000 | 2.41 | 2.55 | 2.13 | 2.27 | 0.86 | 0.04 | 0.266 | 0.031 | 7.43 | 7.27 |
| 06/18/24 | 1,277,000 | 1,060,000 | 2.22 | 2.47 | 2.07 | 2.18 | 3.69 | 0.02 | 0.521 | 0.030 | 7.27 | 7.34 |
| 06/19/24 | 1,129,000 | 1,102,000 | 1.73 | 1.98 | 1.27 | 1.54 | 0.14 | 0.03 | 0.243 | 0.033 | 7.75 | 7.41 |
| 06/20/24 | 1,085,000 | 1,067,000 | 1.77 | 2.20 | 1.64 | 1.90 | 1.61 | 0.02 | 0.268 | 0.010 | 7.26 | 7.26 |
| 06/21/24 | 1,102,000 | 1,084,000 | 2.05 | 2.43 | 2.03 | 2.37 | 1.50 | 0.02 | 0.425 | 0.011 | 7.23 | 7.25 |
| 06/22/24 | 1,183,000 | 1,158,000 | 1.81 | 2.36 | 1.88 | 2.33 | | | | | 7.45 | 7.32 |
| 06/23/24 | 1,116,000 | 1,103,000 | 2.06 | 2.62 | 2.01 | 2.24 | | | | | 7.71 | 7.44 |
| 06/24/24 | 1,137,000 | 1,318,000 | 1.85 | 2.28 | 1.69 | 2.08 | 2.42 | 0.04 | 0.449 | 0.041 | 7.49 | 7.33 |
| 06/25/24 | 1,045,000 | 1,029,000 | 1.96 | 2.19 | 1.78 | 2.10 | 2.52 | 0.02 | 0.438 | 0.047 | 7.31 | 7.40 |
| 06/26/24 | 975,000 | 967,000 | 1.66 | 2.08 | 1.92 | 2.22 | 2.98 | 0.06 | 0.375 | 0.046 | 7.52 | 7.35 |
| 06/27/24 | 997,000 | 1,014,000 | 1.76 | 2.00 | 1.69 | 1.98 | 2.77 | 0.03 | 0.373 | 0.036 | 7.33 | 7.23 |
| 06/28/24 | 1,080,000 | 1,142,000 | 1.84 | 2.00 | 1.45 | 1.95 | 2.80 | 0.03 | 0.402 | 0.035 | 7.24 | 7.22 |
| 06/29/24 | 1,426,000 | 1,096,000 | 2.22 | 2.60 | 1.53 | 1.89 | | | | | 7.12 | 7.01 |
| 06/30/24 | 1,200,000 | 1,181,000 | 1.82 | 2.21 | 1.34 | 1.66 | | | | | 7.31 | 7.00 |
| Average | 1,081,867 | 1,046,400 | 1.89 | 2.15 | 1.70 | 1.94 | 1.65 | 0.03 | 0.32 | 0.03 | 7.44 | 7.34 |
| Total | 32,456,000 | 31,392,000 | | | | | | | | | | |
| Minimum | 949,000 | 814,000 | 1.24 | 1.44 | 1.07 | 1.35 | 0.14 | 0.02 | 0.07 | 0.01 | 7.12 | 7.00 |
| Maximum | 1,426,000 | 1,318,000 | 2.41 | 2.62 | 2.13 | 2.37 | 4.27 | 0.06 | 0.52 | 0.05 | 7.75 | 7.59 |

System Name Boonville Water Treatment Plant

PWSID Numt 5287001

For the Month of Jun-24

IDEM Field R: Anna Readle

Signed 

Title Operator Certification Number WT 220238

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

| Date | Fluoride Fin. mg/l | Fin. Phosphate mg/l | Fluoride Dist. mg/l | Mn Dist. mg/l | pH Dist. | Phoshate Dist. mg/l | Cl2 lbs | Fluoride lbs | Phoshpate lbs | KMnO4 lbs | Filter run hrs | Backwash gals |
|----------|-----------------------|------------------------|------------------------|------------------|----------|------------------------|------------|-----------------|------------------|--------------|-------------------|------------------|
| 06/01/24 | 0.16 | | | | | | 26 | 0 | 26 | 2.50 | 24.00 | 0 |
| 06/02/24 | 0.17 | | | | | | 26 | 0 | 27 | 2.50 | 24.00 | 171,000 |
| 06/03/24 | 0.14 | 0.50 | | | | | 32 | 0 | 26 | 1.50 | 24.00 | 0 |
| 06/04/24 | 0.14 | 0.36 | 0.15 | 0.03 | 7.38 | 0.65 | 34 | 0 | 23 | 1.25 | 24.00 | 0 |
| 06/05/24 | 0.14 | 0.45 | | | | | 31 | 0 | 24 | 1.25 | 24.00 | 0 |
| 06/06/24 | 0.15 | 0.35 | 0.13 | 0.05 | 7.37 | 0.64 | 30 | 0 | 25 | 1.80 | 25.00 | 0 |
| 06/07/24 | 0.15 | 0.38 | | | | | 33 | 0 | 24 | 2.50 | 24.00 | 0 |
| 06/08/24 | 0.14 | | | | | | 26 | 0 | 25 | 2.00 | 24.00 | 0 |
| 06/09/24 | 0.16 | | | | | | 29 | 0 | 26 | 2.50 | 24.00 | 0 |
| 06/10/24 | 0.17 | 0.40 | 0.14 | 0.04 | 7.50 | 0.70 | 30 | 0 | 26 | 1.40 | 24.00 | 0 |
| 06/11/24 | 0.14 | 0.27 | | | | | 35 | 0 | 33 | 2.75 | 24.00 | 165,000 |
| 06/12/24 | 0.15 | 0.43 | 0.17 | 0.04 | 7.51 | 0.68 | 33 | 0 | 25 | 2.50 | 24.00 | 0 |
| 06/13/24 | 0.14 | 0.43 | | | | | 38 | 0 | 27 | 1.25 | 24.00 | 0 |
| 06/14/24 | 0.17 | 0.22 | 0.18 | 0.04 | 7.41 | 0.15 | 38 | 0 | 27 | 2.35 | 24.00 | 0 |
| 06/15/24 | 0.14 | | | | | | 38 | 0 | 27 | 0.00 | 24.00 | 0 |
| 06/16/24 | 0.14 | | | | | | 42 | 0 | 30 | 2.50 | 24.00 | 0 |
| 06/17/24 | 0.17 | 0.43 | | | | | 42 | 0 | 28 | 2.50 | 24.00 | 0 |
| 06/18/24 | 0.14 | 0.38 | 0.14 | 0.04 | 7.39 | 0.70 | 36 | 0 | 32 | 2.50 | 24.00 | 170,000 |
| 06/19/24 | 0.13 | 0.45 | | | | | 42 | 0 | 29 | 1.25 | 24.00 | 0 |
| 06/20/24 | 0.13 | 0.48 | 0.15 | 0.01 | 7.21 | 0.51 | 40 | 0 | 29 | 1.25 | 24.00 | 0 |
| 06/21/24 | 0.16 | 0.40 | | | | | 42 | 0 | 29 | 3.75 | 24.00 | 0 |
| 06/22/24 | 0.16 | | | | | | 46 | 0 | 29 | 3.75 | 24.00 | 0 |
| 06/23/24 | 0.16 | | | | | | 40 | 0 | 29 | 2.00 | 24.00 | 0 |
| 06/24/24 | 0.14 | 0.45 | 0.16 | 0.05 | 7.25 | 0.72 | 42 | 0 | 29 | 2.50 | 24.00 | 0 |
| 06/25/24 | 0.17 | 0.47 | | | | | 35 | 0 | 26 | 2.50 | 24.00 | 0 |
| 06/26/24 | 0.14 | 0.34 | 0.17 | 0.04 | 7.31 | 0.42 | 30 | 0 | 34 | 0.00 | 24.00 | 0 |
| 06/27/24 | 0.18 | 0.46 | | | | | 34 | 0 | 25 | 2.50 | 24.00 | 0 |
| 06/28/24 | 0.17 | 0.44 | 0.15 | 0.05 | 7.23 | 0.71 | 38 | 0 | 27 | 1.25 | 24.00 | 0 |
| 06/29/24 | 0.18 | | | | | | 42 | 0 | 37 | 2.50 | 24.00 | 171,000 |
| 06/30/24 | 0.16 | | | | | | 48 | 0 | 31 | 2.00 | 24.00 | 0 |
| Average | 0.15 | 0.40 | 0.15 | 0.04 | 7.36 | 0.59 | 35.93 | 0.00 | 27.83 | 2.03 | 24.03 | 22,567 |
| Total | | | | | | | | | | | 721.00 | 677,000 |
| Minimum | 0.13 | 0.22 | 0.13 | 0.01 | 7.21 | 0.15 | 26.00 | 0.00 | 23.00 | 0.00 | 24.00 | 0 |
| Maximum | 0.18 | 0.50 | 0.18 | 0.05 | 7.51 | 0.72 | 48.00 | 0.00 | 37.00 | 3.75 | 25.00 | 171,000 |