

OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems **County:** **Multnomah**

| System Name: Corbett Water District | | ID#: 41 | | 00359 | | WTP - : A | | Month/Year: September-23 | | | |
|---|-------------|----------------|------------|---|------------|-------------------------------|---|---|--|--|--|
| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day ¹ [NTU] | | | | |
| 9/1/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/2/23 | 0.0370 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | | | | |
| 9/3/23 | 0.0370 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | | | | |
| 9/4/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/5/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/6/23 | 0.0360 | 0.0350 | 0.0350 | 0.0350 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/7/23 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | | | | |
| 9/8/23 | 0.0350 | 0.0350 | 0.0340 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | | | | |
| 9/9/23 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/10/23 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/11/23 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | 0.0350 | | | | |
| 9/12/23 | 0.0360 | 0.0350 | 0.0350 | 0.0350 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/13/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/14/23 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | 0.0380 | 0.0380 | | | | |
| 9/15/23 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/16/23 | 0.0370 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/17/23 | 0.0370 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/18/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/19/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0360 | 0.0370 | | | | |
| 9/20/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/21/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/22/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/23/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/24/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | | | | |
| 9/25/23 | 0.0360 | 0.0360 | 0.0360 | 0.0360 | 0.0370 | 0.0370 | 0.0370 | | | | |
| 9/26/23 | 0.0370 | 0.0370 | 0.0390 | 0.0390 | 0.0390 | 0.0380 | 0.0390 | | | | |
| 9/27/23 | 0.0380 | 0.0380 | 0.0380 | 0.0380 | 0.0390 | 0.0390 | 0.0390 | | | | |
| 9/28/23 | 0.0400 | 0.0420 | 0.0430 | 0.0440 | 0.0450 | 0.0440 | 0.0450 | | | | |
| 9/29/23 | 0.0430 | 0.0420 | 0.0420 | 0.0420 | 0.0420 | 0.0410 | 0.0430 | | | | |
| 9/30/23 | 0.0400 | 0.0390 | 0.0390 | 0.0390 | 0.0400 | 0.0390 | 0.0400 | | | | |
| | | | | | | | | | | | |
| Slow Sand/ | | | | Monthly Summary (Answer Yes or No) | | | | | | | |
| 95% of daily turbidity readings ≤ 1 NTU? ² | | | | Yes | | CT's met everyday? (see back) | | All Cl2 residual at entry point ≥ 0.2 mg/l? | | | |
| All daily turbidity readings ≤ 5 NTU? | | | | Yes | | Yes | | Yes | | | |
| | | | | SIGNATURE: <i>David Jacob</i> | | | | | | | |
| | | | | Printed Name: David Jacob | | | | 10/1/23 | | | |
| | | | | PHONE #: (503)310-9262 | | | | CERT #:3675 | | | |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² Filtered systems only.

| Date / Time | Clearwell Segment | | | | Reservoir Segment | | | | | | Combined Segment | | | |
|-------------|---|--------------------------------|---------------------------------------|-------------------|---|-----------------------------------|---|---------------------|-----------------------|----------------------|------------------|---------------------------------|--------------------------------------|---|
| | Cl ₂ Residual after Clearwell (C) ^{3,4} | Peak Hourly Demand Flow -Cwell | Contact Time - CWell (T) ⁴ | Actual CT - Cwell | Cl ₂ Residual after Reservoir (C) ^{3,4} | Peak Hourly Demand Flow - Reserv. | Contact Time - Reserv. (T) ⁴ | Actual CT - Reserv. | lowest Temp after Res | highest pH after Res | Required CT | Actual CT Cwell + Actual CT Res | (Act CT Cwell + Act CT Res) / Req CT | CT Met? (Act CT Cwell & Res / Req CT > 1.0?) ³ |
| | [ppm or mg/L] | 15.2 | [minutes] | C X T | [ppm or mg/L] | [GPM] | [minutes] | C X T | [° C] | | formula | | | Yes / No |
| 9/1/23 | 0.95 | 800.9 | 92.23 | 87.62 | | | | | 8.16 | 8.89 | 85.69 | 87.62 | 1.02 | YES |
| 9/2/23 | 0.94 | 779.3 | 95.61 | 89.87 | | | | | 8.15 | 8.92 | 86.60 | 89.87 | 1.04 | YES |
| 9/3/23 | 1.03 | 685.7 | 110.24 | 113.54 | | | | | 8.08 | 8.91 | 87.64 | 113.54 | 1.30 | YES |
| 9/4/23 | 1.12 | 679.5 | 111.20 | 124.55 | | | | | 7.94 | 8.87 | 88.13 | 124.55 | 1.41 | YES |
| 9/5/23 | 1.13 | 660.9 | 114.11 | 128.95 | | | | | 8.10 | 8.85 | 86.62 | 128.95 | 1.49 | YES |
| 9/6/23 | 1.2 | 529.4 | 134.66 | 161.60 | | | | | 8.31 | 8.90 | 87.68 | 161.60 | 1.84 | YES |
| 9/7/23 | 1.24 | 495.3 | 139.99 | 173.59 | | | | | 8.31 | 8.98 | 90.75 | 173.59 | 1.91 | YES |
| 9/8/23 | 1.24 | 492.4 | 140.45 | 174.16 | | | | | 8.12 | 9.00 | 92.65 | 174.16 | 1.88 | YES |
| 9/9/23 | 1.41 | 530.8 | 134.45 | 189.57 | | | | | 8.01 | 8.93 | 92.83 | 189.57 | 2.04 | YES |
| 9/10/23 | 1.43 | 535.9 | 133.65 | 191.12 | | | | | 7.97 | 8.85 | 90.58 | 191.12 | 2.11 | YES |
| 9/11/23 | 1.3 | 551.6 | 131.19 | 170.55 | | | | | 7.79 | 8.76 | 87.35 | 170.55 | 1.95 | YES |
| 9/12/23 | 1.36 | 586.6 | 125.72 | 170.99 | | | | | 7.77 | 8.71 | 86.48 | 170.99 | 1.98 | YES |
| 9/13/23 | 1.3 | 668.7 | 112.89 | 146.76 | | | | | 7.58 | 8.60 | 83.54 | 146.76 | 1.76 | YES |
| 9/14/23 | 1.11 | 715.6 | 105.56 | 117.17 | | | | | 7.37 | 8.47 | 79.00 | 117.17 | 1.48 | YES |
| 9/15/23 | 1.07 | 716.2 | 105.47 | 112.85 | | | | | 7.25 | 8.36 | 76.14 | 112.85 | 1.48 | YES |
| 9/16/23 | 1.07 | 690.6 | 109.47 | 117.13 | | not used | | | 7.28 | 8.34 | 75.42 | 117.13 | 1.55 | YES |
| 9/17/23 | 1.05 | 679.1 | 111.27 | 116.83 | | | | | 7.31 | 8.34 | 75.09 | 116.83 | 1.56 | YES |
| 9/18/23 | 1.06 | 692.1 | 109.23 | 115.79 | | | | | 7.29 | 8.34 | 75.28 | 115.79 | 1.54 | YES |
| 9/19/23 | 1.07 | 673.3 | 112.17 | 120.03 | | | | | 7.36 | 8.35 | 75.28 | 120.03 | 1.59 | YES |
| 9/20/23 | 1.04 | 667.3 | 113.11 | 117.64 | | | | | 7.39 | 8.35 | 74.86 | 117.64 | 1.57 | YES |
| 9/21/23 | 1.06 | 656 | 114.88 | 121.77 | | | | | 7.46 | 8.37 | 75.23 | 121.77 | 1.62 | YES |
| 9/22/23 | 1.07 | 616.3 | 121.08 | 129.56 | | | | | 7.48 | 8.40 | 76.05 | 129.56 | 1.70 | YES |
| 9/23/23 | 1.08 | 611.9 | 121.77 | 131.51 | | | | | 7.51 | 8.43 | 76.82 | 131.51 | 1.71 | YES |
| 9/24/23 | 1.15 | 615.9 | 121.14 | 139.32 | | | | | 7.55 | 8.47 | 78.39 | 139.32 | 1.78 | YES |
| 9/25/23 | 1.18 | 599.1 | 123.77 | 146.05 | | | | | 7.54 | 8.50 | 79.60 | 146.05 | 1.83 | YES |
| 9/26/23 | 1.12 | 667.6 | 113.06 | 126.63 | | | | | 7.51 | 8.51 | 79.49 | 126.63 | 1.59 | YES |
| 9/27/23 | 1.04 | 661.3 | 114.05 | 118.61 | | | | | 7.54 | 8.49 | 78.00 | 118.61 | 1.52 | YES |
| 9/28/23 | 0.91 | 658.3 | 114.52 | 104.21 | | | | | 7.82 | 8.51 | 75.90 | 104.21 | 1.37 | YES |
| 9/29/23 | 0.89 | 666.3 | 113.27 | 100.81 | | | | | 7.81 | 8.55 | 76.90 | 100.81 | 1.31 | YES |
| 9/30/23 | 0.96 | 681 | 110.97 | 106.53 | | | | | 7.80 | 8.58 | 78.45 | 106.53 | 1.36 | YES |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWS to be notified within 24 hours. ⁴ Chlorine residual and contact time to be determined during peak hourly demand flow of clearwell and reservoir