

OHA Drinking Water Services - Surface Water Quality Data Form

County: **Umatilla**

Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

Month/Year: **Feb-22**

System Name: **City of Pendleton**

ID #: **OR4100613**

WTP: **WTP-A**

| 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] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1 | 0.03 | 0.03 | 0.06 | 0.04 | 0.03 | 0.03 | 0.06 |
| 2 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 3 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 4 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 |
| 5 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 6 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 7 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.05 |
| 8 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 9 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 10 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 11 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 |
| 12 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 13 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 14 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.05 |
| 15 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 16 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 17 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 18 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 |
| 19 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 20 | 0.03 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 21 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 |
| 22 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 23 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| 24 | 0.03 | 0.03 | 0.10 | 0.04 | 0.03 | 0.03 | 0.10 |
| 25 | 0.03 | 0.03 | 0.07 | 0.03 | 0.03 | 0.03 | 0.07 |
| 26 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 |
| 27 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 |
| 28 | 0.05 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.05 |

| | | | |
|--|---|--|--|
| Slow Sand/Membrane/DE Filtration/Unfiltered | | Monthly Summary (Answer Yes or No) | |
| 95% of daily turbidity readings \leq 1 NTU? ² YES / NO | CT's met everyday? (see back) YES / NO | All CL ₂ residual at entry point \geq 0.2 mg/l? YES / NO | |
| All daily turbidity readings \leq 5 NTU? YES / NO | | | |
| Notes: | SIGNATURE: <i>Tim Smith</i> | | |
| | PRINTED NAME: Tim Smith | DATE: 3-1-2022 | |
| | PHONE #: (541)966-0202 | CERT #: 7052 | |

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

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP-: WTP-A

System Name: City of Pendleton

ID #OR4100613

Feb-22

Disinfection
Giardia Log
Inactiv:

0.5

| Date/Time | Minimum CL2 Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|-----------|---|------------------|-----------|------|------|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | CXT | [°C] | | Formula | Yes / No | [GPM] |
| 1 | 0.75 | 55 | 41.25 | 4.65 | 6.73 | 24 | Yes | 5385.00 |
| 2 | 0.82 | 52 | 42.80 | 4.44 | 6.76 | 25 | Yes | 6004.00 |
| 3 | 0.81 | 52 | 42.12 | 4.54 | 6.77 | 25 | Yes | 6076.00 |
| 4 | 0.80 | 52 | 41.84 | 5.26 | 6.78 | 24 | Yes | 5967.00 |
| 5 | 0.87 | 54 | 47.14 | 5.00 | 6.80 | 25 | Yes | 5734.00 |
| 6 | 0.82 | 56 | 46.10 | 5.41 | 6.80 | 24 | Yes | 5416.00 |
| 7 | 0.82 | 53 | 43.64 | 5.52 | 6.82 | 24 | Yes | 5716.00 |
| 8 | 0.77 | 52 | 40.30 | 6.06 | 6.82 | 23 | Yes | 6014.00 |
| 9 | 0.79 | 53 | 42.09 | 6.12 | 6.84 | 23 | Yes | 5742.00 |
| 10 | 0.79 | 54 | 42.92 | 6.99 | 6.82 | 22 | Yes | 5726.00 |
| 11 | 0.77 | 54 | 41.84 | 7.54 | 6.86 | 21 | Yes | 5854.00 |
| 12 | 0.75 | 52 | 38.75 | 6.90 | 6.86 | 22 | Yes | 6127.00 |
| 13 | 0.83 | 56 | 46.66 | 5.61 | 6.82 | 24 | Yes | 5572.00 |
| 14 | 0.81 | 52 | 42.33 | 5.48 | 6.79 | 24 | Yes | 6030.00 |
| 15 | 0.82 | 54 | 44.47 | 5.90 | 6.78 | 23 | Yes | 5563.00 |
| 16 | 0.78 | 51 | 39.98 | 6.25 | 6.79 | 22 | Yes | 6189.00 |
| 17 | 0.80 | 53 | 42.15 | 6.41 | 6.81 | 22 | Yes | 5881.00 |
| 18 | 0.82 | 55 | 45.31 | 5.78 | 6.80 | 23 | Yes | 5649.00 |
| 19 | 0.84 | 54 | 45.54 | 6.10 | 6.80 | 23 | Yes | 5884.00 |
| 20 | 0.86 | 55 | 47.50 | 6.17 | 6.82 | 23 | Yes | 5569.00 |
| 21 | 0.86 | 54 | 46.63 | 6.60 | 6.84 | 22 | Yes | 5674.00 |
| 22 | 0.87 | 55 | 48.00 | 5.81 | 6.84 | 24 | Yes | 5445.00 |
| 23 | 0.82 | 55 | 45.21 | 4.15 | 6.85 | 26 | Yes | 5354.00 |
| 24 | 0.81 | 68 | 55.17 | 2.41 | 6.84 | 30 | Yes | 3579.00 |
| 25 | 0.75 | 76 | 57.14 | 2.35 | 6.83 | 29 | Yes | 2981.00 |
| 26 | 0.66 | 60 | 39.76 | 2.41 | 6.79 | 29 | Yes | 3727.00 |
| 27 | 0.63 | 56 | 35.43 | 2.81 | 6.75 | 27 | Yes | 5349.00 |
| 28 | 0.67 | 54 | 36.40 | 4.48 | 6.75 | 24 | Yes | 5618.00 |

³ If CL2 at entry point < 0.2 mg/l OR CT not met, notify DWS within 24 hours

Revised October 2013