

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Umatilla**

System Name: **City of Pendleton**

Month/Year: **Apr-2024**

PWS ID#: 41 - **000613**

Minimum test pressure applied: **10.5** psi

Plant ID: WTP - **A**

Minimum test pressure req'd: **10.07** psi

(e.g., "A")

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇔

PDR = Pressure Decay Rate

LRC = Log Removal Credit

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] | PDR _{Max} [psi/min] | | LRC [log removal] | DIT Daily |
|-----|---------------------------|--------------------|-------------------|------------------------------|-------|-------------------|-----------|
| | | | | Applied | Req'd | | |
| | | | | 0.154 | | 4.00 | |
| 1 | 0.038 | 0.045 | N/A | 0.07 | | 4.09 | Y |
| 2 | 0.041 | 0.047 | N/A | 0.07 | | 4.08 | Y |
| 3 | 0.038 | 0.050 | N/A | 0.07 | | 4.07 | Y |
| 4 | 0.038 | 0.044 | N/A | 0.07 | | 4.08 | Y |
| 5 | 0.038 | 0.044 | N/A | 0.07 | | 4.08 | Y |
| 6 | 0.038 | 0.045 | N/A | 0.07 | | 4.07 | Y |
| 7 | 0.039 | 0.051 | N/A | 0.07 | | 4.07 | Y |
| 8 | 0.038 | 0.046 | N/A | 0.07 | | 4.07 | Y |
| 9 | 0.039 | 0.066 | N/A | 0.07 | | 4.08 | Y |
| 10 | 0.038 | 0.132 | N/A | 0.07 | | 4.07 | Y |
| 11 | 0.039 | 0.059 | N/A | 0.07 | | 4.08 | Y |
| 12 | 0.039 | 0.046 | N/A | 0.07 | | 4.05 | Y |
| 13 | 0.039 | 0.046 | N/A | 0.07 | | 4.06 | Y |
| 14 | 0.039 | 0.046 | N/A | 0.07 | | 4.03 | Y |
| 15 | 0.039 | 0.056 | N/A | 0.08 | | 4.02 | Y |
| 16 | 0.038 | 0.147 | N/A | 0.08 | | 4.04 | Y |
| 17 | 0.042 | 0.095 | N/A | 0.08 | | 4.03 | Y |
| 18 | 0.039 | 0.057 | N/A | 0.08 | | 4.06 | Y |
| 19 | 0.039 | 0.055 | N/A | 0.07 | | 4.08 | Y |
| 20 | 0.039 | 0.050 | N/A | 0.07 | | 4.07 | Y |
| 21 | 0.039 | 0.050 | N/A | 0.08 | | 4.05 | Y |
| 22 | 0.039 | 0.047 | N/A | 0.07 | | 4.07 | Y |
| 23 | 0.038 | 0.046 | N/A | 0.07 | | 4.06 | Y |
| 24 | 0.039 | 0.071 | N/A | 0.07 | | 4.07 | Y |
| 25 | 0.068 | 0.047 | N/A | 0.07 | | 4.09 | Y |
| 26 | 0.040 | 0.055 | N/A | 0.08 | | 4.05 | Y |
| 27 | 0.040 | 0.049 | N/A | 0.08 | | 4.06 | Y |
| 28 | 0.039 | 0.047 | N/A | 0.07 | | 4.08 | Y |
| 29 | 0.041 | 0.047 | N/A | 0.08 | | 4.08 | Y |
| 30 | 0.091 | 0.053 | N/A | 0.08 | | 4.08 | Y |

Compliance summary (operator to complete any blank fields)

| | | | | |
|------------------------------------------------|------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------|------------|
| 95% of daily turbidity readings ≤ 1 NTU? [Y/N] | All turbidity readings ≤ 5 NTU? [Y/N] | All IFE turbidity readings ≤ 0.15 NTU? [Y/N] | Performance std met? [Y/N] (PDR ≤ PDR _{Max} , LRV ≥ LRC) | DIT Daily? |
| Yes | Yes | Yes | Yes | Yes |
| CT's met daily? (p. 2) | All Cl ₂ residual at EP ≥ 0.2 mg/L? | PDR ≤ PDR _{Max} ? | LRV _{ambient} ≥ LRC? | |
| | | Yes | Yes | |

PRINTED NAME: *TIM SMITH*
 SIGNATURE: *[Signature]*

DATE: *5-2-2024*
 WT CERT #: *7052*
 PHONE #: *541-379-1195*

Notes:

♣ Used for optimization purposes only.

OHA-DWS

Disinfection Monthly Operating Report

System Name: City of Pendleton

PWS ID#: 41 - 613

Plant ID : WTP - A

0.5

↳ Log
Inactivation
Disinfection

| Day | Minimum Cl ₂ Residual at 1 st User (C) * [mg/L = ppm] | Contact Time (T) [minutes] | Actual CT C x T (Formula) | Temp [° C] | pH | Required CT (Formula) | CT Met? * [Yes / No] (Formula) | Peak Hourly Demand Flow [GPM] | Notes (e.g. "Plant Off") |
|-----|--------------------------------------------------------------------------------|-------------------------------|------------------------------|------------|------|-----------------------|--------------------------------------|-------------------------------|-----------------------------|
| 1 | 0.625 | 51 | 31.9 | 7.8 | 6.98 | 21 | YES | 8,062 | |
| 2 | 0.596 | 52 | 31.0 | 8.3 | 7.02 | 21 | YES | 8,117 | |
| 3 | 0.596 | 52 | 31.0 | 8.3 | 7.02 | 21 | YES | 8,117 | |
| 4 | 0.616 | 54 | 33.3 | 9.6 | 7.02 | 19 | YES | 8,053 | |
| 5 | 0.695 | 51 | 35.4 | 9.3 | 7.03 | 20 | YES | 7,984 | |
| 6 | 0.724 | 53 | 38.3 | 7.4 | 6.99 | 22 | YES | 7,843 | |
| 7 | 0.794 | 48 | 38.1 | 7.5 | 7.00 | 22 | YES | 8,216 | |
| 8 | 0.794 | 48 | 38.1 | 7.5 | 7.00 | 22 | YES | 8,216 | |
| 9 | 0.734 | 52 | 38.2 | 8.2 | 7.01 | 21 | YES | 7,912 | |
| 10 | 0.715 | 53 | 37.9 | 8.7 | 7.03 | 21 | YES | 7,886 | |
| 11 | 0.804 | 46 | 37.0 | 9.9 | 7.02 | 19 | YES | 7,966 | |
| 12 | 0.912 | 45 | 41.1 | 9.8 | 7.04 | 20 | YES | 7,993 | |
| 13 | 0.666 | 46 | 30.6 | 10.2 | 7.05 | 19 | YES | 7,865 | |
| 14 | 0.666 | 46 | 30.6 | 10.2 | 7.05 | 19 | YES | 7,865 | |
| 15 | 0.707 | 48 | 33.9 | 10.5 | 7.03 | 18 | YES | 7,836 | |
| 16 | 0.667 | 45 | 30.0 | 11.7 | 7.01 | 17 | YES | 8,241 | |
| 17 | 0.675 | 49 | 33.1 | 10.9 | 7.03 | 18 | YES | 8,149 | |
| 18 | 0.555 | 47 | 26.1 | 9.4 | 7.00 | 19 | YES | 7,515 | |
| 19 | 0.555 | 47 | 26.1 | 9.4 | 7.00 | 19 | YES | 7,515 | |
| 20 | 0.784 | 49 | 38.4 | 9.3 | 7.03 | 20 | YES | 7,499 | |
| 21 | 0.815 | 53 | 43.2 | 9.9 | 7.06 | 19 | YES | 7,469 | |
| 22 | 0.815 | 52 | 42.4 | 10.6 | 7.07 | 19 | YES | 7,475 | |
| 23 | 0.765 | 52 | 39.8 | 10.8 | 7.10 | 18 | YES | 7,473 | |
| 24 | 0.765 | 52 | 39.8 | 10.8 | 7.10 | 18 | YES | 7,473 | |
| 25 | 0.477 | 51 | 24.4 | 11.0 | 7.10 | 18 | YES | 7,477 | |
| 26 | 0.498 | 47 | 23.4 | 11.4 | 7.10 | 17 | YES | 7,504 | |
| 27 | 0.547 | 47 | 25.7 | 11.3 | 7.10 | 17 | YES | 7,515 | |
| 28 | 0.796 | 47 | 37.4 | 11.7 | 7.10 | 18 | YES | 7,507 | |
| 29 | 0.765 | 47 | 36.0 | 11.1 | 7.11 | 18 | YES | 7,504 | |
| 30 | 0.795 | 48 | 38.2 | 11.2 | 7.12 | 18 | YES | 7,488 | |

* If chlorine concentration at entry point < 0.2 mg/L, or CT not met, notify DWS within 24 hours.

Submit this monthly report by the 10th of following month by

mail: Drinking Water Services
PO Box 14350
Portland, OR 97293-0350

email: dwp.dmce@odhsoha.oregon.gov

fax: 971-673-0458