# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Tillamook**

System Name: Pacific City Joint Water-Sanitary Authority

Month/Year: **Nov-2024**

PWS ID#: 41 - 00609

Minimum test pressure **applied**: **30.79** psi

Plant ID: WTP - C (e.g., "A")

Minimum test pressure **req'd**: **17.47** psi

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

*PDR = Pressure Decay Rate*

*LRC = Log Removal Credit*

| $PDR_{Max}$ [$^{psi}/_{min}$] | LRC [log removal] |
|---|---|
| **0.090** | **4.00** |

| Day | CFE Daily Turbidity [NTU] | Highest CFE♣ [NTU] | Highest IFE [NTU] (>15 minutes) | Highest PDR of day [$^{psi}/_{min}$] | Lowest $LRV_{ambient}$ of day [log removal] | DIT Daily [Y/N] or "off" |
|---|---|---|---|---|---|---|
| 1 | | | | | | Off |
| 2 | | | | | | Off |
| 3 | | | | | | Off |
| 4 | 0.016 | 0.0706 | 0.071 | 0.026 | 4.77 | Y |
| 5 | 0.016 | 0.0194 | 0.019 | 0.019 | 4.77 | Y |
| 6 | 0.019 | 0.0194 | 0.019 | 0.013 | 4.86 | Y |
| 7 | 0.016 | 0.0176 | 0.018 | 0.019 | 4.89 | Y |
| 8 | 0.018 | 0.0176 | 0.018 | 0.026 | 4.75 | Y |
| 9 | 0.016 | 0.0176 | 0.018 | 0.019 | 4.72 | Y |
| 10 | 0.016 | 0.0194 | 0.019 | 0.013 | 4.85 | Y |
| 11 | | | | | | Off |
| 12 | | | | | | Off |
| 13 | | | | | | Off |
| 14 | | | | | | Off |
| 15 | | | | | | Off |
| 16 | | | | | | Off |
| 17 | | | | | | Off |
| 18 | 0.062 | 0.067 | 0.067 | 0.013 | 5.04 | Y |
| 19 | 0.067 | 0.1411 | 0.141 | 0.026 | 4.82 | Y |
| 20 | | | | | | Off |
| 21 | | | | | | Off |
| 22 | | | | | | Off |
| 23 | | | | | | Off |
| 24 | | | | | | Off |
| 25 | 0.016 | 0.1499 | 0.150 | 0.019 | 4.68 | Y |
| 26 | 0.019 | 0.0247 | 0.025 | 0.019 | 4.90 | Y |
| 27 | 0.016 | 0.0265 | 0.027 | 0.019 | 4.79 | Y |
| 28 | 0.016 | 0.0229 | 0.023 | 0.019 | 4.90 | Y |
| 29 | 0.016 | 0.0194 | 0.019 | 0.026 | 4.61 | Y |
| 30 | 0.018 | 0.0194 | 0.019 | 0.026 | 4.75 | 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** | **Yes** | **Yes** |

**PRINTED NAME:** Leonard Whiteman **DATE:** 12/10/2024

**SIGNATURE:** Leonard Whiteman **WT CERT #:** T-09364

**Notes:** **PHONE #:** 503-965-6636



♣ *Used for optimization purposes only.*

# OHA-DWS

## Disinfection Monthly Operating Report

System Name: **Pacific City Joint Water-Sanitary Authorit**

PWS ID#: 41 - **00609**

Plant ID : WTP - **C**

**0.5** ⇦ Log Inactivation Required via Disinfection

| Day | Minimum $Cl_2$ Residual at 1st 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 | | | | | | | | | Plant Off |
| 2 | | | | | | | | | Plant Off |
| 3 | | | | | | | | | Plant Off |
| 4 | 1.050 | 36 | 37.8 | 13.9 | 7.00 | 14.7 | YES | 700 | |
| 5 | 1.450 | 36 | 52.2 | 11.5 | 7.02 | 18.5 | YES | 700 | |
| 6 | 1.790 | 36 | 64.4 | 11.2 | 7.06 | 19.9 | YES | 700 | |
| 7 | 1.800 | 36 | 64.8 | 11.0 | 7.06 | 20.2 | YES | 700 | |
| 8 | 1.810 | 36 | 65.2 | 11.2 | 7.06 | 19.9 | YES | 700 | |
| 9 | 1.830 | 36 | 65.9 | 11.2 | 7.06 | 20.0 | YES | 700 | |
| 10 | 1.770 | 36 | 63.7 | 12.8 | 7.04 | 17.5 | YES | 700 | |
| 11 | | | | | | | | | Plant Off |
| 12 | | | | | | | | | Plant Off |
| 13 | | | | | | | | | Plant Off |
| 14 | | | | | | | | | Plant Off |
| 15 | | | | | | | | | Plant Off |
| 16 | | | | | | | | | Plant Off |
| 17 | | | | | | | | | Plant Off |
| 18 | 1.380 | 36 | 49.7 | 15.8 | 7.01 | 13.5 | YES | 700 | |
| 19 | 1.350 | 36 | 48.6 | 14.5 | 7.02 | 14.7 | YES | 700 | |
| 20 | | | | | | | | | Plant Off |
| 21 | | | | | | | | | Plant Off |
| 22 | | | | | | | | | Plant Off |
| 23 | | | | | | | | | Plant Off |
| 24 | | | | | | | | | Plant Off |
| 25 | 1.800 | 36 | 64.8 | 14.2 | 7.02 | 15.9 | YES | 700 | |
| 26 | 1.720 | 36 | 61.9 | 11.9 | 7.00 | 18.5 | YES | 700 | |
| 27 | 1.790 | 36 | 64.4 | 11.2 | 7.09 | 20.1 | YES | 700 | |
| 28 | 1.830 | 36 | 65.9 | 9.7 | 7.08 | 22.3 | YES | 700 | |
| 29 | 1.810 | 36 | 65.2 | 9.5 | 7.09 | 22.6 | YES | 700 | |
| 30 | 1.800 | 36 | 64.8 | 9.5 | 7.15 | 23.0 | YES | 700 | |
| 31 | | | | | | | | | |

♦ 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




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