# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Douglas**

System Name: **Green Area Water & Sanitary Authority** Month/Year: **Sep 2025**

PWS ID#: 41 - **00717** Minimum test pressure **applied || req'd**: 12.5 psi || 11.4 psi

Plant ID: WTP - **A** *(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*

| $PDR_{Max}$ [$^{psi}/_{min}$] | LRC [log removal] |
|---|---|
| 1.500 | 4.00 |

| Day | CFE Daily Turbidity [NTU] | Highest CFE♣ [NTU] | Highest IFE [NTU] (>15 min duration) | Highest PDR of day [$^{psi}/_{min}$] | Lowest $LRV_{ambient}$ of day [log removal] | DIT Daily [Y/N] or "off" |
|---|---|---|---|---|---|---|
| 1 | 0.031 | 0.0322 | 0.059 | 1.25 | 4.21 | Y |
| 2 | 0.031 | 0.0364 | 0.061 | 1.45 | 4.20 | Y |
| 3 | 0.032 | 0.036 | 0.060 | 1.45 | 4.18 | Y |
| 4 | 0.032 | 0.0363 | 0.063 | 1.45 | 4.19 | Y |
| 5 | 0.033 | 0.0378 | 0.062 | 1.45 | 4.19 | Y |
| 6 | 0.033 | 0.0379 | 0.062 | 1.47 | 4.19 | Y |
| 7 | 0.033 | 0.0365 | 0.063 | 1.47 | 4.18 | Y |
| 8 | 0.033 | 0.0495 | 0.064 | 1.47 | 4.17 | Y |
| 9 | 0.033 | 0.0329 | 0.062 | 1.38 | 4.16 | Y |
| 10 | 0.033 | 0.0333 | 0.063 | 1.24 | 4.16 | Y |
| 11 | 0.033 | 0.0393 | 0.066 | 1.33 | 4.16 | Y |
| 12 | 0.033 | 0.0335 | 0.064 | 1.29 | 4.14 | Y |
| 13 | 0.034 | 0.0338 | 0.065 | 1.44 | 4.13 | Y |
| 14 | 0.034 | 0.0343 | 0.067 | 1.46 | 4.13 | Y |
| 15 | 0.034 | 0.0364 | 0.073 | 1.46 | 4.14 | Y |
| 16 | 0.035 | 0.0395 | 0.067 | 1.31 | 4.26 | Y |
| 17 | 0.035 | 0.0353 | 0.067 | 1.49 | 4.19 | Y |
| 18 | 0.035 | 0.0383 | 0.069 | 1.49 | 4.18 | Y |
| 19 | 0.035 | 0.0452 | 0.069 | 1.27 | 4.20 | Y |
| 20 | 0.034 | 0.0478 | 0.077 | 1.36 | 4.17 | Y |
| 21 | 0.034 | 0.0348 | 0.078 | 1.24 | 4.20 | Y |
| 22 | 0.034 | 0.0381 | 0.071 | 1.48 | 4.18 | Y |
| 23 | 0.034 | 0.0355 | 0.073 | 1.48 | 4.18 | Y |
| 24 | 0.034 | 0.035 | 0.073 | 1.48 | 4.18 | Y |
| 25 | 0.034 | 0.0363 | 0.073 | 1.45 | 4.18 | Y |
| 26 | 0.035 | 0.0499 | 0.074 | 1.45 | 4.18 | Y |
| 27 | 0.035 | 0.0368 | 0.073 | 1.44 | 4.19 | Y |
| 28 | 0.036 | 0.0358 | 0.075 | 1.44 | 4.16 | Y |
| 29 | 0.035 | 0.0353 | 0.076 | 1.44 | 4.14 | Y |
| 30 | 0.035 | 0.0368 | 0.077 | 1.44 | 4.11 | Y |
| 31 | | | | | | |

**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: Jeremy Wolford

SIGNATURE:

Notes:

DATE: 10/2/25

WT CERT #: T-7231

PHONE #: 541-679-6321



♣ *Used for optimization purposes only.*

Revised 7/31/2023

# OHA-DWS

## Disinfection Monthly Operating Report

System Name: **Green Area Water & Sanitary Authority**

PWS ID#: 41 - **00717**

Plant ID : WTP - **A**

**Sep 2025**

**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 | 1.330 | 9.17418 | 12.2 | 30.2 | 7.28 | 5.6 | YES | 1,839 | 20:00 |
| 2 | 1.329 | 9.09395 | 12.1 | 25.0 | 7.13 | 7.6 | YES | 1,855 | 11:00 |
| 3 | 1.326 | 9.17418 | 12.2 | 26.9 | 7.21 | 6.8 | YES | 1,839 | 23:00 |
| 4 | 1.328 | 9.09395 | 12.1 | 31.3 | 7.20 | 5.0 | YES | 1,855 | 20:00 |
| 5 | 1.223 | 9.17418 | 11.2 | 28.1 | 7.16 | 6.1 | YES | 1,839 | 20:00 |
| 6 | 1.330 | 9.17418 | 12.2 | 30.1 | 7.26 | 5.6 | YES | 1,839 | 18:00 |
| 7 | 1.342 | 9.17418 | 12.3 | 29.5 | 7.26 | 5.8 | YES | 1,839 | 16:00 |
| 8 | 1.409 | 9.17418 | 12.9 | 23.2 | 7.26 | 9.1 | YES | 1,839 | 5:00 |
| 9 | 1.538 | 14.5808 | 22.4 | 22.6 | 7.42 | 10.2 | YES | 1,156 | 22:00 |
| 10 | 1.394 | 14.5808 | 20.3 | 26.0 | 7.59 | 8.4 | YES | 1,156 | 20:00 |
| 11 | 1.353 | 14.7885 | 20.0 | 24.2 | 7.39 | 8.8 | YES | 1,139 | 21:00 |
| 12 | 1.726 | 14.5808 | 25.2 | 21.0 | 7.22 | 10.7 | YES | 1,156 | 8:00 |
| 13 | 1.545 | 14.3789 | 22.2 | 19.4 | 7.28 | 12.0 | YES | 1,172 | 6:00 |
| 14 | 1.605 | 14.5808 | 23.4 | 20.8 | 7.30 | 11.0 | YES | 1,156 | 8:00 |
| 15 | 1.403 | 13.8055 | 19.4 | 22.4 | 7.53 | 10.6 | YES | 1,221 | 22:00 |
| 16 | 1.385 | 14.3789 | 19.9 | 27.9 | 7.60 | 7.4 | YES | 1,172 | 21:00 |
| 17 | 1.455 | 14.1825 | 20.6 | 26.0 | 7.46 | 8.1 | YES | 1,188 | 13:00 |
| 18 | 1.712 | 9.871 | 16.9 | 21.5 | 7.32 | 10.8 | YES | 1,709 | 9:00 |
| 19 | 1.571 | 9.871 | 15.5 | 25.0 | 7.49 | 8.9 | YES | 1,709 | 23:00 |
| 20 | 1.698 | 9.871 | 16.8 | 20.9 | 7.29 | 11.1 | YES | 1,709 | 6:00 |
| 21 | 1.551 | 9.96562 | 15.5 | 20.6 | 7.59 | 12.4 | YES | 1,693 | 22:00 |
| 22 | 1.585 | 9.96562 | 15.8 | 23.6 | 7.54 | 10.0 | YES | 1,693 | 21:00 |
| 23 | 1.646 | 10.0621 | 16.6 | 26.8 | 7.59 | 8.3 | YES | 1,676 | 15:00 |
| 24 | 1.743 | 10.0621 | 17.5 | 35.4 | 7.68 | 4.7 | YES | 1,676 | 17:00 |
| 25 | 1.614 | 9.68704 | 15.6 | 19.7 | 7.42 | 12.5 | YES | 1,742 | 5:00 |
| 26 | 1.493 | 9.96562 | 14.9 | 27.6 | 7.55 | 7.6 | YES | 1,693 | 20:00 |
| 27 | 1.517 | 10.0621 | 15.3 | 26.5 | 7.64 | 8.5 | YES | 1,676 | 21:00 |
| 28 | 1.566 | 9.68704 | 15.2 | 24.1 | 7.71 | 10.3 | YES | 1,742 | 18:00 |
| 29 | 1.557 | 9.96562 | 15.5 | 20.7 | 7.60 | 12.4 | YES | 1,693 | 16:00 |
| 30 | 1.631 | 10.0621 | 16.4 | 16.7 | 7.47 | 15.5 | YES | 1,676 | 5:00 |
| 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




Revised 7/31/2023

# Oregon DHS - Drinking Water Program – Surface Water Quality Data

System Name: GAWSA PWS ID#: 41 00717 Month/Year: 9/2025

Minimum UVT [%] during month: 59.8 % Duty sensor variation from reference sensor: 5.1 %

Minimum Validated UVT : 57.8 {Insert Req'd Value}

| Date | Peak Hourly Demand Flow | Minimum Intensity | All Lamps On? | Daily Water Produced {A} | Water outside Validated Conditions {B} | Cumulative % Off-Spec Water Produced |
|---|---|---|---|---|---|---|
| | [gpm] | [$^{mW}/_{cm2}$] | [ Y or N ] | [gal] | [gal] | {Mo. Sum {B}} ÷ {Mo. Sum {A}} * 100 [%] |
| 1 | 2900 | 16.1 | Y | 1,957,701 | 0 | 0 |
| 2 | 2900 | 12.5 | Y | 2,053,719 | 0 | 0 |
| 3 | 2900 | 15.9 | Y | 2,051,523 | 0 | 0 |
| 4 | 2900 | 16.7 | Y | 1,814,426 | 0 | 0 |
| 5 | 2900 | 14.7 | Y | 1,974,002 | 0 | 0 |
| 6 | 2900 | 12.8 | Y | 1,813,920 | 0 | 0 |
| 7 | 2900 | 16.0 | Y | 1,979,357 | 0 | 0 |
| 8 | 2900 | 13.9 | Y | 1,499,997 | 0 | 0 |
| 9 | 2900 | 13.6 | Y | 1,797,545 | 0 | 0 |
| 10 | 2900 | 17.4 | Y | 1,585,943 | 0 | 0 |
| 11 | 2900 | 13.5 | Y | 1,376,980 | 0 | 0 |
| 12 | 2900 | 16.6 | Y | 1,796,386 | 0 | 0 |
| 13 | 2900 | 17.0 | Y | 1,796,316 | 0 | 0 |
| 14 | 2900 | 16.8 | Y | 1,567,176 | 0 | 0 |
| 15 | 2900 | 13.6 | Y | 1,596,632 | 0 | 0 |
| 16 | 2900 | 13.9 | Y | 1,762,510 | 0 | 0 |
| 17 | 2900 | 13.9 | Y | 1,793,825 | 0 | 0 |
| 18 | 2900 | 18.0 | Y | 1,321,589 | 0 | 0 |
| 19 | 2900 | 17.3 | Y | 2,243,576 | 0 | 0 |
| 20 | 2900 | 14.0 | Y | 1,837,167 | 0 | 0 |
| 21 | 2900 | 18.0 | Y | 1,635,255 | 0 | 0 |
| 22 | 2900 | 14.9 | Y | 1,638,145 | 0 | 0 |
| 23 | 2900 | 17.0 | Y | 1,707,550 | 0 | 0 |
| 24 | 2900 | 14.4 | Y | 1,624,195 | 0 | 0 |
| 25 | 2900 | 18.6 | Y | 1,800,889 | 0 | 0 |
| 26 | 2900 | 14.2 | Y | 1,798,428 | 0 | 0 |
| 27 | 2900 | 14.4 | Y | 1,605,054 | 0 | 0 |
| 28 | 2900 | 18.9 | Y | 1,500,103 | 0 | 0 |
| 29 | 2900 | 14.3 | Y | 1,646,406 | 0 | 0 |
| 30 | 2900 | 18.5 | Y | 1,221,257 | 0 | 0 |
| 31 | | | | | | |
| Monthly Cumulative % Off-Spec Water Produced | | | | | | 0 |



Signature: Op Cert #: T-7281 Date: 10/1/25