

# Membrane Filter Monthly Operating Report

County: **Douglas County**

System Name: **Umpqua Basin Water**

Month/Year: **Nov-2025**

PWS ID#: 41 - **00719**

Minimum test pressure applied: **12.16** psi

Plant ID: WTP - **A**

Minimum test pressure req'd: **8.8** 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

**DIT  
Daily**

**PDR<sub>Max</sub> [psi/min]**

**LRC [log removal]**

**4.00**

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] (>15 minutes) | Highest PDR of day [psi/min] | Lowest LRV <sub>ambient</sub> of day [log removal] | [Y/N] or "off" |
|-----|---------------------------|--------------------|---------------------------------|------------------------------|----------------------------------------------------|----------------|
| 1   | 0.028                     | 0.036              | 0.036                           | N/A                          | 4.08                                               | Yes            |
| 2   | 0.028                     | 0.035              | 0.035                           | N/A                          | 4.07                                               | Yes            |
| 3   | 0.028                     | 0.035              | 0.035                           | N/A                          | 4.07                                               | Yes            |
| 4   | 0.029                     | 0.035              | 0.035                           | N/A                          | 4.08                                               | Yes            |
| 5   | 0.031                     | 0.040              | 0.040                           | N/A                          | 4.07                                               | Yes            |
| 6   | 0.030                     | 0.037              | 0.037                           | N/A                          | 4.07                                               | Yes            |
| 7   | 0.032                     | 0.040              | 0.040                           | N/A                          | 4.04                                               | Yes            |
| 8   | 0.033                     | 0.042              | 0.042                           | N/A                          | 4.05                                               | Yes            |
| 9   | 0.032                     | 0.042              | 0.042                           | N/A                          | 4.03                                               | Yes            |
| 10  | 0.034                     | 0.043              | 0.043                           | N/A                          | 4.05                                               | Yes            |
| 11  | 0.032                     | 0.042              | 0.042                           | N/A                          | 4.03                                               | Yes            |
| 12  | 0.030                     | 0.041              | 0.041                           | N/A                          | 4.31                                               | Yes            |
| 13  | 0.030                     | 0.042              | 0.042                           | N/A                          | 4.33                                               | Yes            |
| 14  | 0.024                     | 0.028              | 0.028                           | N/A                          | 4.31                                               | Yes            |
| 15  | 0.021                     | 0.026              | 0.026                           | N/A                          | 4.21                                               | Yes            |
| 16  | 0.023                     | 0.036              | 0.036                           | N/A                          | 4.19                                               | Yes            |
| 17  | 0.020                     | 0.026              | 0.026                           | N/A                          | 4.21                                               | Yes            |
| 18  | 0.020                     | 0.025              | 0.025                           | N/A                          | 4.18                                               | Yes            |
| 19  | 0.020                     | 0.024              | 0.024                           | N/A                          | 4.17                                               | Yes            |
| 20  | 0.016                     | 0.017              | 0.017                           | N/A                          | 4.17                                               | Yes            |
| 21  | 0.015                     | 0.016              | 0.016                           | N/A                          | 4.18                                               | Yes            |
| 22  | 0.016                     | 0.017              | 0.016                           | N/A                          | 4.17                                               | Yes            |
| 23  | 0.015                     | 0.016              | 0.016                           | N/A                          | 4.20                                               | Yes            |
| 24  | 0.015                     | 0.016              | 0.016                           | N/A                          | 4.17                                               | Yes            |
| 25  | 0.016                     | 0.018              | 0.018                           | N/A                          | 4.18                                               | Yes            |
| 26  | 0.019                     | 0.027              | 0.027                           | N/A                          | 4.20                                               | Yes            |
| 27  | 0.020                     | 0.029              | 0.029                           | N/A                          | 4.20                                               | Yes            |
| 28  | 0.015                     | 0.016              | 0.016                           | N/A                          | 4.17                                               | Yes            |
| 29  | 0.016                     | 0.017              | 0.017                           | N/A                          | 4.18                                               | Yes            |
| 30  | 0.016                     | 0.017              | 0.017                           | N/A                          | 4.19                                               | Yes            |
| 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 <sub>Max</sub> , LRV ≥ LRC) | DIT Daily? |
| <b>Yes</b>                                     | <b>Yes</b>                                     | <b>Yes</b>                                   | <b>Yes</b>                                                        | <b>Yes</b> |
| CT's met daily? (p. 2)                         | All Cl <sub>2</sub> residual at EP ≥ 0.2 mg/L? | PDR ≤ PDR <sub>Max</sub> ?                   | LRV <sub>ambient</sub> ≥ LRC?                                     |            |
| <b>Yes</b>                                     | <b>Yes</b>                                     | <b>Yes</b>                                   | <b>Yes</b>                                                        |            |

PRINTED NAME: **Curtis Pine**

DATE: **12/3/2025**

SIGNATURE:

WT CERT #: **T-09207**

Notes:

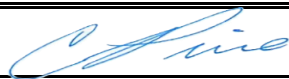
PHONE #: **541-672-5559**

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Douglas

System Name: Umpqua Basin Water Assoc ID #: OR4100719A

Month/Year: Nov-25

| 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   | 0.017       | OFF        | 0.016      | 0.017      | 0.015      | 0.015      | 0.017                              |
| 2   | 0.015       | 0.015      | 0.015      | 0.015      | OFF        | 0.015      | 0.015                              |
| 3   | 0.015       | 0.015      | OFF        | 0.015      | 0.015      | 0.015      | 0.015                              |
| 4   | 0.015       | 0.015      | OFF        | OFF        | 0.015      | 0.015      | 0.015                              |
| 5   | 0.016       | 0.015      | 0.015      | 0.015      | 0.016      | OFF        | 0.016                              |
| 6   | OFF         | OFF        | 0.015      | 0.016      | 0.015      | 0.015      | 0.016                              |
| 7   | 0.015       | 0.016      | OFF        | 0.015      | 0.015      | 0.016      | 0.016                              |
| 8   | 0.016       | OFF        | OFF        | 0.015      | 0.015      | 0.015      | 0.016                              |
| 9   | 0.015       | OFF        | 0.016      | 0.015      | 0.015      | OFF        | 0.016                              |
| 10  | OFF         | OFF        | OFF        | 0.015      | 0.015      | 0.015      | 0.015                              |
| 11  | OFF         | OFF        | 0.015      | 0.015      | 0.016      | 0.015      | 0.016                              |
| 12  | OFF         | OFF        | OFF        | 0.015      | 0.015      | OFF        | 0.015                              |
| 13  | OFF         | 0.015      | OFF        | 0.015      | OFF        | OFF        | 0.015                              |
| 14  | OFF         | OFF        | 0.015      | OFF        | OFF        | OFF        | 0.015                              |
| 15  | OFF         | 0.016      | 0.016      | 0.016      | 0.015      | 0.016      | 0.016                              |
| 16  | OFF         | OFF        | 0.016      | 0.016      | 0.015      | OFF        | 0.016                              |
| 17  | OFF         | OFF        | OFF        | 0.016      | 0.015      | 0.015      | 0.016                              |
| 18  | 0.015       | OFF        | 0.016      | 0.015      | OFF        | OFF        | 0.016                              |
| 19  | OFF         | OFF        | 0.015      | 0.015      | 0.015      | 0.015      | 0.015                              |
| 20  | 0.015       | OFF        | OFF        | 0.016      | 0.015      | 0.015      | 0.016                              |
| 21  | 0.015       | 0.015      | OFF        | 0.015      | 0.015      | 0.015      | 0.015                              |
| 22  | OFF         | OFF        | OFF        | 0.015      | 0.015      | OFF        | 0.015                              |
| 23  | OFF         | OFF        | OFF        | 0.015      | 0.015      | OFF        | 0.015                              |
| 24  | OFF         | OFF        | OFF        | 0.015      | 0.015      | 0.016      | 0.016                              |
| 25  | OFF         | OFF        | OFF        | 0.015      | 0.015      | OFF        | 0.015                              |
| 26  | OFF         | OFF        | OFF        | 0.015      | 0.015      | OFF        | 0.015                              |
| 27  | OFF         | OFF        | 0.015      | 0.015      | 0.015      | 0.015      | 0.015                              |
| 28  | OFF         | OFF        | 0.016      | 0.015      | 0.015      | 0.015      | 0.016                              |
| 29  | OFF         | OFF        | 0.016      | 0.015      | OFF        | 0.015      | 0.016                              |
| 30  | 0.015       | OFF        | OFF        | OFF        | OFF        | 0.015      | 0.015                              |

|                                                         |                                                               |                                                                                                 |                                                               |
|---------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Slow Sand / Membrane / DE Filtration/ Unfiltered</b> |                                                               | <b>Monthly Summary (Answer Yes or No)</b>                                                       |                                                               |
| 95% of daily turbidity readings ≤ 1 NTU (2)             | <input checked="" type="radio"/> Yes <input type="radio"/> No | CT's met everyday?                                                                              | All CL2 residual at entry point ≥ 0.2 mg/l ?                  |
| All daily turbidity readings ≤ 5 NTU                    | <input checked="" type="radio"/> Yes <input type="radio"/> No | <input checked="" type="radio"/> Yes <input type="radio"/> No                                   | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <b>Notes:</b>                                           |                                                               | Printed Name: <b>Curtis Pine</b>                                                                |                                                               |
|                                                         |                                                               | Signature:  | Date: 12/3/2025                                               |
|                                                         |                                                               | Phone #: <b>541-672-5559</b>                                                                    | Cert #: <b>T-09207</b>                                        |

(1) Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM" through "8PM" may not correspond to continuous readings maximum.

(2) Filtered systems only.

# OHA - DWS

## Disinfection Monthly Operating Report

System Name: **Umpqua Basin Water Assoc Inc.**

PWS ID#: 41 - **00719**

Plant ID : WTP - **A**

**M / Y**

**Nov**

**2025**

**0.5**

Log Inactivation  
Required via  
Disinfection

| Day | Time  | Minimum Cl <sub>2</sub><br>Residual at 1 <sup>st</sup> User<br>( C ) *<br>[mg/L = ppm] | Contact<br>Time<br>(T)<br>[minutes] | Actual CT<br>C x T<br>(Formula) | Temp<br>[° C] | pH   | Required<br>CT<br>(Formula) | CT Met? *<br>[Yes / No]<br>(Formula) | Peak Hourly<br>Demand Flow<br>[GPM] | Notes<br>(e.g. "Plant Off") |
|-----|-------|----------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|---------------|------|-----------------------------|--------------------------------------|-------------------------------------|-----------------------------|
| 1   | 18:41 | 1.164                                                                                  | 73                                  | 85.0                            | 10.6          | 7.72 | 24.3                        | YES                                  | 1,877                               |                             |
| 2   | 10:25 | 1.220                                                                                  | 73                                  | 89.1                            | 10.3          | 7.75 | 25.2                        | YES                                  | 1,864                               |                             |
| 3   | 11:30 | 1.110                                                                                  | 73                                  | 81.0                            | 10.6          | 7.78 | 24.8                        | YES                                  | 1,868                               |                             |
| 4   | 9:45  | 1.270                                                                                  | 220                                 | 279.4                           | 10.4          | 7.75 | 25.2                        | YES                                  | 495                                 |                             |
| 5   | 11:44 | 1.175                                                                                  | 73                                  | 85.8                            | 10.6          | 7.74 | 24.6                        | YES                                  | 1,746                               |                             |
| 6   | 7:49  | 1.270                                                                                  | 73                                  | 92.7                            | 10.6          | 7.79 | 25.3                        | YES                                  | 1,886                               |                             |
| 7   | 18:56 | 1.166                                                                                  | 73                                  | 85.1                            | 11.0          | 7.77 | 24.1                        | YES                                  | 1,753                               |                             |
| 8   | 16:57 | 1.039                                                                                  | 110                                 | 114.3                           | 10.8          | 7.72 | 23.7                        | YES                                  | 1,280                               |                             |
| 9   | 14:07 | 0.840                                                                                  | 110                                 | 92.4                            | 47.3          | 7.64 | 1.7                         | YES                                  | 1,287                               |                             |
| 10  | 13:53 | 1.015                                                                                  | 64                                  | 65.0                            | 10.2          | 7.72 | 24.6                        | YES                                  | 2,307                               |                             |
| 11  | 14:57 | 0.917                                                                                  | 73                                  | 66.9                            | 10.7          | 7.62 | 22.7                        | YES                                  | 1,947                               |                             |
| 12  | 9:18  | 1.132                                                                                  | 73                                  | 82.6                            | 10.6          | 7.82 | 25.1                        | YES                                  | 1,762                               |                             |
| 13  | 10:22 | 1.180                                                                                  | 91.5                                | 108.0                           | 10.1          | 7.78 | 25.7                        | YES                                  | 1,699                               |                             |
| 14  | 7:45  | 0.942                                                                                  | 73                                  | 68.8                            | 10.5          | 7.72 | 23.9                        | YES                                  | 1,966                               |                             |
| 15  | 9:20  | 1.399                                                                                  | 73                                  | 102.1                           | 10.9          | 7.86 | 25.7                        | YES                                  | 1,929                               |                             |
| 16  | 7:40  | 0.953                                                                                  | 73                                  | 69.6                            | 10.6          | 8.03 | 26.6                        | YES                                  | 1,939                               |                             |
| 17  | 16:42 | 0.929                                                                                  | 55                                  | 51.1                            | 10.2          | 7.78 | 24.9                        | YES                                  | 2,453                               |                             |
| 18  | 10:24 | 1.027                                                                                  | 91.5                                | 94.0                            | 9.4           | 7.78 | 26.5                        | YES                                  | 1,732                               |                             |
| 19  | 7:35  | 1.014                                                                                  | 91.5                                | 92.8                            | 8.7           | 7.78 | 27.8                        | YES                                  | 1,658                               |                             |
| 20  | 16:53 | 0.999                                                                                  | 73                                  | 72.9                            | 9.4           | 7.79 | 26.4                        | YES                                  | 1,874                               |                             |
| 21  | 15:12 | 1.024                                                                                  | 91.5                                | 93.7                            | 8.9           | 7.79 | 27.5                        | YES                                  | 1,632                               |                             |
| 22  | 8:35  | 0.906                                                                                  | 64                                  | 58.0                            | 8.3           | 7.87 | 29.0                        | YES                                  | 2,428                               |                             |
| 23  | 8:53  | 0.801                                                                                  | 55                                  | 44.1                            | 7.8           | 7.77 | 28.7                        | YES                                  | 2,445                               |                             |
| 24  | 12:26 | 1.036                                                                                  | 64                                  | 66.3                            | 7.6           | 7.77 | 29.9                        | YES                                  | 2,412                               |                             |
| 25  | 9:15  | 1.032                                                                                  | 91.5                                | 94.4                            | 7.3           | 7.94 | 32.3                        | YES                                  | 1,679                               |                             |
| 26  | 11:02 | 1.279                                                                                  | 91.5                                | 117.0                           | 7.5           | 7.91 | 32.5                        | YES                                  | 1,634                               |                             |
| 27  | 10:56 | 1.321                                                                                  | 91.5                                | 120.9                           | 7.6           | 7.89 | 32.2                        | YES                                  | 1,637                               |                             |
| 28  | 12:17 | 1.099                                                                                  | 91.5                                | 100.6                           | 8.2           | 7.80 | 29.1                        | YES                                  | 1,629                               |                             |
| 29  | 19:41 | 1.263                                                                                  | 64                                  | 80.8                            | 8.2           | 7.80 | 29.8                        | YES                                  | 2,412                               |                             |
| 30  | 8:57  | 0.803                                                                                  | 91.5                                | 73.5                            | 7.9           | 7.75 | 28.2                        | YES                                  | 1,709                               |                             |
| 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 10<sup>th</sup> of following month by

mail: Drinking Water Services

PO Box 14350

Portland, OR 97293-0350

email: [dwp.dmce@odhsoha.oregon.gov](mailto:dwp.dmce@odhsoha.oregon.gov)

fax: 971-673-0458



# Umpqua Basin Water Association, Inc.

## Pressure Decay Tests / Membrane Integrity Tests

**System ID #:** 41-00719

**Month/Year:** Nov-25

| Day | Log Removal Value |       |      |       |      |       | Notes |
|-----|-------------------|-------|------|-------|------|-------|-------|
|     | Time              | ZW 1  | Time | ZW 2  | Time | ZW 3  |       |
| 1   | 7:45              | 4.797 | 8:15 | 4.085 | 8:45 | 4.355 |       |
| 2   | 7:45              | 4.789 | 8:15 | 4.069 | 8:45 | 4.348 |       |
| 3   | 7:45              | 4.786 | 8:15 | 4.066 | 8:45 | 4.353 |       |
| 4   | 7:45              | 4.800 | 8:15 | 4.073 | 8:45 | 4.348 |       |
| 5   | 7:45              | 4.804 | 8:15 | 4.069 | 8:45 | 4.344 |       |
| 6   | 7:45              | 4.797 | 8:15 | 4.070 | 8:45 | 4.348 |       |
| 7   | 7:45              | 4.801 | 8:15 | 4.052 | 8:45 | 4.336 |       |
| 8   | 7:45              | 4.804 | 8:15 | 4.043 | 8:45 | 4.347 |       |
| 9   | 7:45              | 4.798 | 8:15 | 4.058 | 8:45 | 4.321 |       |
| 10  | 7:45              | 4.794 | 8:15 | 4.046 | 8:45 | 4.326 |       |
| 11  | 7:45              | 4.806 | 8:15 | 4.049 | 8:45 | 4.315 |       |
| 12  | 8:15              | 4.788 | 7:45 | 4.005 | 8:45 | 4.308 |       |
| 13  | 8:15              | 4.777 | 7:45 | 4.266 | 8:45 | 4.313 |       |
| 14  | 8:15              | 4.772 | 7:45 | 4.736 | 8:45 | 4.313 |       |
| 15  | 7:45              | 4.739 | 8:15 | 4.845 | 8:45 | 4.210 |       |
| 16  | 7:45              | 4.700 | 8:15 | 4.795 | 8:45 | 4.190 |       |
| 17  | 7:45              | 4.669 | 8:15 | 4.776 | 8:45 | 4.167 |       |
| 18  | 7:45              | 4.686 | 8:15 | 4.790 | 8:45 | 4.178 |       |
| 19  | 7:45              | 4.700 | 8:15 | 4.818 | 8:45 | 4.170 |       |
| 20  | 7:45              | 4.700 | 8:15 | 4.830 | 8:45 | 4.179 |       |
| 21  | 7:45              | 4.694 | 8:15 | 4.800 | 8:45 | 4.182 |       |
| 22  | 7:45              | 4.679 | 8:15 | 4.828 | 8:45 | 4.173 |       |
| 23  | 7:45              | 4.696 | 8:15 | 4.830 | 8:45 | 4.200 |       |
| 24  | 7:45              | 4.663 | 8:15 | 4.795 | 8:45 | 4.176 |       |
| 25  | 7:45              | 4.695 | 8:15 | 4.773 | 8:45 | 4.194 |       |
| 26  | 7:45              | 4.691 | 8:15 | 4.772 | 8:45 | 4.164 |       |
| 27  | 7:45              | 4.670 | 8:15 | 4.787 | 8:45 | 4.195 |       |
| 28  | 7:45              | 4.706 | 8:15 | 4.750 | 8:45 | 4.144 |       |
| 29  | 7:45              | 4.703 | 8:15 | 4.750 | 8:45 | 4.180 |       |
| 30  | 7:45              | 4.697 | 8:15 | 4.715 | 8:45 | 4.188 |       |
| 31  |                   |       |      |       |      |       |       |

**NIS = NOT IN SERVICE**