

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Sep-2025**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.91** psi

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

Minimum test pressure req'd: **11.4** 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

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] | Highest PDR of day [psi/min] | Lowest LRV <sub>ambient</sub> of day [log removal] | DIT Daily [Y/N] or "off" |
|-----|---------------------------|--------------------|-------------------|------------------------------|----------------------------------------------------|--------------------------|
|     |                           |                    |                   |                              |                                                    |                          |
|     |                           |                    |                   | PDR <sub>Max</sub> [psi/min] | LRC [log removal]                                  |                          |
|     |                           |                    |                   | 0.484                        | 4.00                                               |                          |
| 1   | 0.020                     | 0.020              | 0.050             | 0.43                         | 4.24                                               | Yes                      |
| 2   | 0.030                     | 0.030              | 0.050             | 0.48                         | 4.24                                               | Yes                      |
| 3   | 0.020                     | 0.020              | 0.060             | 0.33                         | 4.24                                               | Yes                      |
| 4   | 0.020                     | 0.020              | 0.060             | 0.35                         | 4.29                                               | Yes                      |
| 5   | 0.020                     | 0.020              | 0.050             | 0.35                         | 4.22                                               | Yes                      |
| 6   | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.23                                               | Yes                      |
| 7   | 0.020                     | 0.020              | 0.050             | 0.34                         | 4.25                                               | Yes                      |
| 8   | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.27                                               | Yes                      |
| 9   | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.19                                               | Yes                      |
| 10  | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.24                                               | Yes                      |
| 11  | 0.020                     | 0.020              | 0.050             | 0.35                         | 4.23                                               | Yes                      |
| 12  | 0.020                     | 0.020              | 0.030             | 0.35                         | 4.23                                               | Yes                      |
| 13  | 0.020                     | 0.020              | 0.050             | 0.35                         | 4.24                                               | Yes                      |
| 14  | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.23                                               | Yes                      |
| 15  | 0.020                     | 0.020              | 0.050             | 0.34                         | 4.21                                               | Yes                      |
| 16  | 0.020                     | 0.020              | 0.050             | 0.34                         | 4.21                                               | Yes                      |
| 17  | 0.020                     | 0.020              | 0.050             | 0.36                         | 4.28                                               | Yes                      |
| 18  | 0.020                     | 0.020              | 0.030             | 0.36                         | 4.23                                               | Yes                      |
| 19  | 0.020                     | 0.020              | 0.030             | 0.39                         | 4.24                                               | Yes                      |
| 20  | 0.020                     | 0.020              | 0.040             | 0.36                         | 4.21                                               | Yes                      |
| 21  | 0.020                     | 0.020              | 0.050             | 0.39                         | 4.23                                               | Yes                      |
| 22  | 0.020                     | 0.020              | 0.050             | 0.37                         | 4.19                                               | Yes                      |
| 23  | 0.020                     | 0.020              | 0.050             | 0.38                         | 4.20                                               | Yes                      |
| 24  | 0.020                     | 0.020              | 0.050             | 0.37                         | 4.22                                               | Yes                      |
| 25  | 0.020                     | 0.020              | 0.040             | 0.37                         | 4.21                                               | Yes                      |
| 26  | 0.050                     | 0.050              | 0.070             | 0.37                         | 4.22                                               | Yes                      |
| 27  | 0.050                     | 0.050              | 0.060             | 0.37                         | 4.18                                               | Yes                      |
| 28  | 0.050                     | 0.050              | 0.060             | 0.36                         | 4.21                                               | Yes                      |
| 29  |                           |                    |                   |                              |                                                    | Off                      |
| 30  | 0.050                     | 0.050              | 0.060             | 0.36                         | 4.18                                               | Yes                      |

### Compliance summary (operator to complete any blank fields)

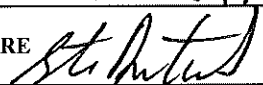
|                                                |                                                |                                              |                                                                   |            |
|------------------------------------------------|------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------|------------|
| 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? |
| Yes                                            | Yes                                            | Yes                                          | Yes                                                               | Yes        |
| 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?                                     |            |
|                                                |                                                | Yes                                          | Yes                                                               |            |

PRINTED NAME: *Steve Prestwood*  
 SIGNATURE: *Steve Prestwood*  
 Notes:

DATE: *10-2-25*  
 WT CERT #: *T-08060*  
 PHONE #: *971-295-1052*

**OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Clackamas**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered System**

| System name: NORTH CLACKAMAS COUNTY WC ID # OR4100580 WTP-: WTP-B2 Month/Year: September 2025 |                   |                  |                  |               |                  |                  |                                        |
|-----------------------------------------------------------------------------------------------|-------------------|------------------|------------------|---------------|------------------|------------------|----------------------------------------|
| Day                                                                                           | 12:00 AM<br>[NTU] | 4:00 AM<br>[NTU] | 8:00 AM<br>[NTU] | Noon<br>[NTU] | 4:00 PM<br>[NTU] | 8:00 PM<br>[NTU] | Highest Reading of<br>the Day<br>[NTU] |
| 1                                                                                             | N/A               | N/A              | 0.07             | N/A           | N/A              | N/A              | 0.07                                   |
| 2                                                                                             | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 3                                                                                             | N/A               | N/A              | 0.07             | N/A           | N/A              | N/A              | 0.07                                   |
| 4                                                                                             | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 5                                                                                             | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 6                                                                                             | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 7                                                                                             | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 8                                                                                             | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 9                                                                                             | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 10                                                                                            | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 11                                                                                            | N/A               | N/A              | 0.07             | N/A           | N/A              | N/A              | 0.07                                   |
| 12                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 13                                                                                            | N/A               | N/A              | 0.03             | N/A           | N/A              | N/A              | 0.03                                   |
| 14                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 15                                                                                            | N/A               | N/A              | 0.03             | N/A           | N/A              | N/A              | 0.03                                   |
| 16                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 17                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 18                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 19                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 20                                                                                            | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 21                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 22                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 23                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 24                                                                                            | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 25                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 26                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 27                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 28                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 29                                                                                            | N/A               | N/A              | DOWN             | N/A           | N/A              | N/A              | DOWN                                   |
| 30                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |

|                                                   |                                                                                                |                                                            |
|---------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Slow Sand/Membrane/DE Filtration/ Unfiltered      | Monthly Summary                                                                                |                                                            |
| 95% of daily turbidity readings $\leq$ 1 NTU? YES | CT's met everyday?<br>(see back)<br>YES                                                        | All CL2 residual at<br>entry point $\geq$ 0.2 mg/l?<br>YES |
| All daily readings $\leq$ 5 NTU? YES              |                                                                                                |                                                            |
| Notes:                                            | PRINTED NAME: Steve Prestwood                                                                  |                                                            |
|                                                   | SIGNATURE  | DATE 10/1/2025                                             |
|                                                   | PHONE #: (503) -723-3505                                                                       | CERT #: T-08060                                            |

# OHA - Drinking Water Program - Surface Water Quality Data Form

NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP-: WTP-B2 Month/Year: September 2025

## Membrane Filters

| Date     | Time    | Minimum Cl <sub>2</sub><br>Residual at 1 <sup>st</sup><br>User (C)* | Contact<br>Time<br>(T) | Actual<br>CT | Temp | pH   | Required<br>CT | CT<br>Met?* | Peak Hourly<br>Demand<br>Flow |
|----------|---------|---------------------------------------------------------------------|------------------------|--------------|------|------|----------------|-------------|-------------------------------|
|          |         | (mg/L)                                                              | (minutes)              | C x T        | (°C) |      | Use Tables     | Yes / No    | (gpm)                         |
| 09/01/25 | 6:00 AM | 1.32                                                                | 23                     | 30           | 19.4 | 7.9  | 14             | Yes         | 6978                          |
| 09/02/25 | 6:00 AM | 1.24                                                                | 25                     | 31           | 19.2 | 7.6  | 13             | Yes         | 6127                          |
| 09/03/25 | 6:00 AM | 1.12                                                                | 22                     | 25           | 20.4 | 7.7  | 12             | Yes         | 6688                          |
| 09/04/25 | 6:00 AM | 1.11                                                                | 22                     | 24           | 19.9 | 7.8  | 13             | Yes         | 6106                          |
| 09/05/25 | 6:00 AM | 0.96                                                                | 22                     | 21           | 19.1 | 8.1  | 15             | Yes         | 6574                          |
| 09/06/25 | 6:00 AM | 1.31                                                                | 20                     | 26           | 19.2 | 7.9  | 14             | Yes         | 7254                          |
| 09/07/25 | 6:00 AM | 1.19                                                                | 84                     | 101          | 19.4 | 8.2  | 16             | Yes         | 1609                          |
| 09/08/25 | 6:00 AM | 1.16                                                                | 34                     | 39           | 18.2 | 7.7  | 14             | Yes         | 4375                          |
| 09/09/25 | 6:00 AM | 1.12                                                                | 59                     | 66           | 19.4 | 8.3  | 16             | Yes         | 2304                          |
| 09/10/25 | 6:00 AM | 1.10                                                                | 30                     | 34           | 19.3 | 8.2  | 16             | Yes         | 4462                          |
| 09/11/25 | 6:00 AM | 1.16                                                                | 26                     | 30           | 18.4 | 7.7  | 14             | Yes         | 5477                          |
| 09/12/25 | 6:00 AM | 1.06                                                                | 55                     | 59           | 17.5 | 8.0  | 16             | Yes         | 2420                          |
| 09/13/25 | 6:00 AM | 1.39                                                                | 74                     | 103          | 17.8 | 8.1  | 17             | Yes         | 1894                          |
| 09/14/25 | 6:00 AM | 1.22                                                                | 95                     | 116          | 19.0 | 8.2  | 16             | Yes         | 1508                          |
| 09/15/25 | 6:00 AM | 1.14                                                                | 50                     | 57           | 18.4 | 8.0  | 16             | Yes         | 2774                          |
| 09/16/25 | 6:00 AM | 1.16                                                                | 32                     | 37           | 17.1 | 7.6  | 14             | Yes         | 4244                          |
| 09/17/25 | 6:00 AM | 1.22                                                                | 87                     | 106          | 18.4 | 8.2  | 17             | Yes         | 1569                          |
| 09/18/25 | 6:00 AM | 1.36                                                                | 48                     | 66           | 18.1 | 8.2  | 17             | Yes         | 3014                          |
| 09/19/25 | 6:00 AM | 1.23                                                                | 50                     | 62           | 18.5 | 8.3  | 17             | Yes         | 2824                          |
| 09/20/25 | 6:00 AM | 1.22                                                                | 45                     | 55           | 17.7 | 8.0  | 16             | Yes         | 3369                          |
| 09/21/25 | 6:00 AM | 1.15                                                                | 60                     | 69           | 17.6 | 8.0  | 16             | Yes         | 2333                          |
| 09/22/25 | 6:00 AM | 1.11                                                                | 71                     | 79           | 16.1 | 8.3  | 20             | Yes         | 1955                          |
| 09/23/25 | 6:00 AM | 1.24                                                                | 26                     | 33           | 17.0 | 8.0  | 17             | Yes         | 5447                          |
| 09/24/25 | 6:00 AM | 1.05                                                                | 39                     | 41           | 18.2 | 7.9  | 15             | Yes         | 3520                          |
| 09/25/25 | 6:00 AM | 1.21                                                                | 41                     | 50           | 17.9 | 7.7  | 14             | Yes         | 3362                          |
| 09/26/25 | 6:00 AM | 1.13                                                                | 78                     | 88           | 16.6 | 8.0  | 17             | Yes         | 1747                          |
| 09/27/25 | 6:00 AM | 1.17                                                                | 43                     | 51           | 15.3 | 8.0  | 19             | Yes         | 3222                          |
| 09/28/25 | 6:00 AM | 1.15                                                                | 67                     | 77           | 15.3 | 8.3  | 20             | Yes         | 2036                          |
| 09/29/25 | 6:00 AM | DOWN                                                                | DOWN                   | DOWN         | DOWN | DOWN | DOWN           | DOWN        | 0                             |
| 09/30/25 | 6:00 AM | 1.19                                                                | 47                     | 56           | 14.6 | 8.0  | 20             | Yes         | 2955                          |

\*If Cl<sub>2</sub> at entry point <0.2 mg/L OR CT not met, notify DWP by end of next business day