

# Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **November 2025**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.68** psi

Plant ID: WTP - **B2**

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

PDR<sub>Max</sub> [<sup>psi</sup>/min]  
**0.484**

LRC [log removal]  
**4.00**

DIT  
Daily

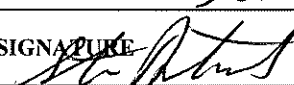
| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] | Highest PDR of day [ <sup>psi</sup> /min] | Lowest LRV <sub>ambient</sub> of day [log removal] | [Y/N] or "off" |
|-----|---------------------------|--------------------|-------------------|-------------------------------------------|----------------------------------------------------|----------------|
| 1   | 0.030                     | 0.030              | 0.020             | 0.38                                      | 4.17                                               | Y              |
| 2   | 0.030                     | 0.030              | 0.020             | 0.38                                      | 4.16                                               | Y              |
| 3   | 0.030                     | 0.030              | 0.040             | 0.39                                      | 4.17                                               | Y              |
| 4   | 0.030                     | 0.030              | 0.040             | 0.40                                      | 4.17                                               | Y              |
| 5   | 0.030                     | 0.030              | 0.040             | 0.37                                      | 4.17                                               | Y              |
| 6   | 0.030                     | 0.030              | 0.050             | 0.37                                      | 4.18                                               | Y              |
| 7   | 0.030                     | 0.030              | 0.050             | 0.37                                      | 4.18                                               | Y              |
| 8   | 0.040                     | 0.040              | 0.050             | 0.39                                      | 4.16                                               | Y              |
| 9   | 0.030                     | 0.030              | 0.050             | 0.38                                      | 4.17                                               | Y              |
| 10  | 0.040                     | 0.040              | 0.050             | 0.42                                      | 4.18                                               | Y              |
| 11  |                           |                    |                   |                                           |                                                    | off            |
| 12  | 0.040                     | 0.040              | 0.050             | 0.42                                      | 4.19                                               | Y              |
| 13  | 0.040                     | 0.040              | 0.040             | 0.40                                      | 4.20                                               | Y              |
| 14  | 0.030                     | 0.030              | 0.040             | 0.40                                      | 4.19                                               | Y              |
| 15  | 0.030                     | 0.030              | 0.050             | 0.42                                      | 4.18                                               | Y              |
| 16  |                           |                    |                   |                                           |                                                    | off            |
| 17  | 0.030                     | 0.030              | 0.060             | 0.40                                      | 4.20                                               | Y              |
| 18  | 0.030                     | 0.030              | 0.050             | 0.38                                      | 4.20                                               | Y              |
| 19  | 0.030                     | 0.030              | 0.050             | 0.39                                      | 4.25                                               | Y              |
| 20  | 0.040                     | 0.040              | 0.020             | 0.39                                      | 4.23                                               | Y              |
| 21  | 0.030                     | 0.030              | 0.020             | 0.39                                      | 4.22                                               | Y              |
| 22  | 0.040                     | 0.040              | 0.040             | 0.39                                      | 4.25                                               | Y              |
| 23  | 0.030                     | 0.030              | 0.040             | 0.39                                      | 4.23                                               | Y              |
| 24  | 0.030                     | 0.030              | 0.040             | 0.39                                      | 4.24                                               | Y              |
| 25  | 0.030                     | 0.030              | 0.060             | 0.46                                      | 4.25                                               | Y              |
| 26  | 0.040                     | 0.040              | 0.040             | 0.41                                      | 4.23                                               | Y              |
| 27  | 0.030                     | 0.030              | 0.030             | 0.42                                      | 4.30                                               | Y              |
| 28  | 0.040                     | 0.040              | 0.030             | 0.45                                      | 4.22                                               | Y              |
| 29  | 0.040                     | 0.040              | 0.040             | 0.42                                      | 4.24                                               | Y              |
| 30  | 0.030                     | 0.030              | 0.040             | 0.27                                      | 4.24                                               | 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]<br>(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>                                                           |            |
| PRINTED NAME:                                  | <i>Steve Prestwood</i>                         | DATE:                                        | 12/3/2025                                                            |            |
| SIGNATURE:                                     | <i>Steve Prestwood</i>                         | WT CERT #:                                   | T08060                                                               |            |
| Notes:                                         |                                                | PHONE #:                                     | 503 723 3505                                                         |            |

**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: November 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              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 2                                                                                            | N/A               | N/A              | 0.03             | N/A           | N/A              | N/A              | 0.03                                   |
| 3                                                                                            | N/A               | N/A              | 0.02             | N/A           | N/A              | N/A              | 0.02                                   |
| 4                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 5                                                                                            | N/A               | N/A              | 0.09             | N/A           | N/A              | N/A              | 0.09                                   |
| 6                                                                                            | N/A               | N/A              | 0.08             | N/A           | N/A              | N/A              | 0.08                                   |
| 7                                                                                            | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 8                                                                                            | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 9                                                                                            | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 10                                                                                           | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 11                                                                                           | N/A               | N/A              | DOWN             | N/A           | N/A              | N/A              | DOWN                                   |
| 12                                                                                           | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 13                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 14                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 15                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 16                                                                                           | N/A               | N/A              | DOWN             | N/A           | N/A              | N/A              | DOWN                                   |
| 17                                                                                           | N/A               | N/A              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 18                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 19                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 20                                                                                           | N/A               | N/A              | 0.07             | N/A           | N/A              | N/A              | 0.07                                   |
| 21                                                                                           | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 22                                                                                           | N/A               | N/A              | 0.03             | N/A           | N/A              | N/A              | 0.03                                   |
| 23                                                                                           | N/A               | N/A              | 0.07             | N/A           | N/A              | N/A              | 0.07                                   |
| 24                                                                                           | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 25                                                                                           | N/A               | N/A              | 0.06             | N/A           | N/A              | N/A              | 0.06                                   |
| 26                                                                                           | N/A               | N/A              | 0.04             | N/A           | N/A              | N/A              | 0.04                                   |
| 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              | 0.05             | N/A           | N/A              | N/A              | 0.05                                   |
| 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              |  | PRINTED NAME: Steve Prestwood                                                                   |                                                            |
| Notes:                                            |  | SIGNATURE:  | DATE 12/3/2025                                             |
|                                                   |  | 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: November 2025

## Membrane Filters

| Date     | Time    | Minimum Cl <sub>2</sub><br>Residual at 1 <sup>st</sup><br>User (C)*<br>(mg/L) | Contact<br>Time<br>(T)<br>(minutes) | Actual<br>CT<br>C x T | Temp<br>(°C) | pH   | Required<br>CT<br>Use Tables | CT<br>Met?* | Peak Hourly<br>Demand<br>Flow<br>(gpm) |
|----------|---------|-------------------------------------------------------------------------------|-------------------------------------|-----------------------|--------------|------|------------------------------|-------------|----------------------------------------|
| 11/01/25 | 6:00 AM | 1.30                                                                          | 32                                  | 42                    | 10.8         | 8.0  | 27                           | Yes         | 5055                                   |
| 11/02/25 | 6:00 AM | 1.44                                                                          | 31                                  | 44                    | 9.8          | 7.9  | 28                           | Yes         | 4835                                   |
| 11/03/25 | 6:00 AM | 1.35                                                                          | 86                                  | 116                   | 9.8          | 8.1  | 29                           | Yes         | 1690                                   |
| 11/04/25 | 6:00 AM | 1.40                                                                          | 27                                  | 38                    | 9.7          | 8.0  | 28                           | Yes         | 5408                                   |
| 11/05/25 | 6:00 AM | 1.53                                                                          | 27                                  | 42                    | 10.1         | 8.0  | 28                           | Yes         | 5291                                   |
| 11/06/25 | 6:00 AM | 1.47                                                                          | 22                                  | 33                    | 10.0         | 7.7  | 25                           | Yes         | 6645                                   |
| 11/07/25 | 6:00 AM | 1.61                                                                          | 22                                  | 36                    | 10.0         | 7.7  | 26                           | Yes         | 6587                                   |
| 11/08/25 | 6:00 AM | 1.59                                                                          | 49                                  | 78                    | 9.5          | 8.2  | 32                           | Yes         | 3012                                   |
| 11/09/25 | 6:00 AM | 1.38                                                                          | 35                                  | 48                    | 9.4          | 7.9  | 28                           | Yes         | 4178                                   |
| 11/10/25 | 6:00 AM | 1.46                                                                          | 138                                 | 202                   | 9.5          | 7.8  | 27                           | Yes         | 1206                                   |
| 11/11/25 | 6:00 AM | DOWN                                                                          | DOWN                                | DOWN                  | DOWN         | DOWN | DOWN                         | DOWN        | 0                                      |
| 11/12/25 | 6:00 AM | 1.71                                                                          | 110                                 | 188                   | 9.8          | 8.2  | 33                           | Yes         | 1515                                   |
| 11/13/25 | 6:00 AM | 1.43                                                                          | 109                                 | 155                   | 10.6         | 7.6  | 24                           | Yes         | 1480                                   |
| 11/14/25 | 6:00 AM | 1.25                                                                          | 99                                  | 124                   | 9.9          | 8.2  | 30                           | Yes         | 1547                                   |
| 11/15/25 | 6:00 AM | 1.30                                                                          | 47                                  | 61                    | 10.5         | 8.2  | 30                           | Yes         | 3134                                   |
| 11/16/25 | 6:00 AM | DOWN                                                                          | DOWN                                | DOWN                  | DOWN         | DOWN | DOWN                         | DOWN        | 0                                      |
| 11/17/25 | 6:00 AM | 1.33                                                                          | 31                                  | 41                    | 10.6         | 8.1  | 28                           | Yes         | 4739                                   |
| 11/18/25 | 6:00 AM | 1.38                                                                          | 69                                  | 96                    | 9.7          | 8.3  | 33                           | Yes         | 2265                                   |
| 11/19/25 | 6:00 AM | 1.44                                                                          | 56                                  | 81                    | 9.1          | 8.6  | 38                           | Yes         | 2719                                   |
| 11/20/25 | 6:00 AM | 1.35                                                                          | 38                                  | 52                    | 8.8          | 8.2  | 32                           | Yes         | 3787                                   |
| 11/21/25 | 6:00 AM | 1.47                                                                          | 100                                 | 148                   | 8.8          | 8.3  | 35                           | Yes         | 1602                                   |
| 11/22/25 | 6:00 AM | 1.51                                                                          | 105                                 | 159                   | 8.5          | 8.5  | 39                           | Yes         | 1435                                   |
| 11/23/25 | 6:00 AM | 1.40                                                                          | 99                                  | 138                   | 8.6          | 8.0  | 31                           | Yes         | 1651                                   |
| 11/24/25 | 6:00 AM | 1.40                                                                          | 119                                 | 166                   | 8.5          | 7.9  | 30                           | Yes         | 1417                                   |
| 11/25/25 | 6:00 AM | 1.35                                                                          | 106                                 | 143                   | 8.3          | 8.3  | 35                           | Yes         | 1513                                   |
| 11/26/25 | 6:00 AM | 1.50                                                                          | 104                                 | 156                   | 8.2          | 8.2  | 35                           | Yes         | 1582                                   |
| 11/27/25 | 6:00 AM | 1.64                                                                          | 101                                 | 166                   | 8.6          | 8.3  | 36                           | Yes         | 1460                                   |
| 11/28/25 | 6:00 AM | 1.34                                                                          | 34                                  | 45                    | 8.9          | 8.0  | 30                           | Yes         | 4620                                   |
| 11/29/25 | 6:00 AM | 1.57                                                                          | 30                                  | 48                    | 8.1          | 8.1  | 34                           | Yes         | 4714                                   |
| 11/30/25 | 6:00 AM | 1.58                                                                          | 118                                 | 187                   | 8.6          | 8.2  | 34                           | Yes         | 1343                                   |

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