

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: Tillamookj

System Name: Neskowin Regional Water District

Month/Year: Feb-2024

PWS ID#: 41 - 00970

Minimum test pressure applied || req'd: 16.0 psi || 11.3 p:

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<sub>Max</sub> [<sup>psi</sup>/<sub>min</sub>]

LRC [log removal]

0.910

4.00

DIT Daily

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] (>15 min duration) | Highest PDR of day [ <sup>psi</sup> / <sub>min</sub> ] | Lowest LRV <sub>ambient</sub> of day [log removal] | [Y/N] or "off" |
|-----|---------------------------|--------------------|--------------------------------------|--|--|----------------|
| 1   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 2   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 3   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 4   | 0.013                     | 0.0132             | 0.013                                | 0.41   | 4.34   | Y              |
| 5   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 6   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 7   | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 8   | 0.013                     | 0.01303            | 0.013                                | 0.41   | 4.36   | Y              |
| 9   | 0.013                     | 0.01293            | 0.013                                | 0.41   | 4.36   | Y              |
| 10  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 11  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 12  | 0.013                     | 0.01295            | 0.013                                | 0.41   | 4.36   | Y              |
| 13  | 0.013                     | 0.01289            | 0.013                                | 0.41   | 4.36   | Y              |
| 14  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 15  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 16  | 0.013                     | 0.01285            | 0.013                                | 0.43   | 4.38   | Y              |
| 17  | 0.013                     | 0.01283            | 0.013                                | 0.40   | 4.38   | Y              |
| 18  | 0.013                     | 0.01322            | 0.013                                | 0.40   | 4.38   | Y              |
| 19  | 0.013                     | 0.01293            | 0.013                                | 0.40   | 4.39   | Y              |
| 20  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 21  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 22  | 0.013                     | 0.01294            | 0.013                                | 0.41   | 4.39   | Y              |
| 23  | 0.013                     | 0.01286            | 0.013                                | 0.42   | 4.39   | Y              |
| 24  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 25  | 0.014                     | 0.01549            | 0.015                                | 0.41   | 4.38   | Y              |
| 26  | 0.013                     | 0.01301            | 0.013                                | 0.41   | 4.34   | Y              |
| 27  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 28  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
| 29  | Off                       | Off                | Off                                  | Off  | Off  | Off            |
|     |                           |                    |                                      |  |  |                |
|     |                           |                    |                                      |  |  |                |

**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  | Yes  | Yes   |            |

PRINTED NAME: Troy N. Trute      DATE: 3/5/2024  
 SIGNATURE: \_\_\_\_\_      WT CERT #: D-08123 T-08076  
 Notes: \_\_\_\_\_      PHONE #: 541-992-1655

\* Used for optimization purposes only.

**Disinfection Monthly Operating Report**

System Name: **Neskowin Regional Water District**

PWS ID#: 41 - **00970**

Plant ID : WTP - **A**

|            |   |
|------------|---|
| <b>0.5</b> | ↳ Log<br>Inactivation<br>Required via<br>Disinfection |
|------------|---|

| Day | Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) *<br>[ <sup>mg</sup> / <sub>L</sub> = ppm] | Contact Time (T)<br>[minutes] | Actual CT C x T<br>(Formula) | Temp [° C] | pH   | Required CT<br>(Formula) | CT Met? *<br>[Yes / No]<br>(Formula) | Peak Hourly Demand Flow<br>[GPM] | Notes<br>(e.g. "Plant Off") |
|-----|---|-------------------------------|------------------------------|------------|------|--------------------------|--------------------------------------|----------------------------------|-----------------------------|
| 1   | Off   | 129                           | Off                          | 10.0       | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 2   | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 3   | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 4   | 0.900   | 129                           | 116.1                        | 10.0       | 8.00 | 27.1                     | YES                                  | 202                              |                             |
| 5   | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 6   | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 7   | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 8   | 1.000   | 129                           | 129.0                        | 9.0        | 8.00 | 29.4                     | YES                                  | 202                              |                             |
| 9   | 0.800   | 129                           | 103.2                        | 9.0        | 8.00 | 28.7                     | YES                                  | 203                              |                             |
| 10  | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 11  | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 12  | 0.800   | 129                           | 103.2                        | 9.0        | 8.00 | 28.7                     | YES                                  | 204                              |                             |
| 13  | 0.800   | 129                           | 103.2                        | 8.0        | 8.00 | 30.7                     | YES                                  | 201                              |                             |
| 14  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 15  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 16  | 0.700   | 129                           | 90.3                         | 8.0        | 8.00 | 30.4                     | YES                                  | 201                              |                             |
| 17  | 0.700   | 129                           | 90.3                         | 8.0        | 8.00 | 30.4                     | YES                                  | 202                              |                             |
| 18  | 0.700   | 129                           | 90.3                         | 8.0        | 8.00 | 30.4                     | YES                                  | 202                              |                             |
| 19  | 0.900   | 129                           | 116.1                        | 8.0        | 8.00 | 31.1                     | YES                                  | 202                              |                             |
| 20  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 21  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 22  | 0.700   | 129                           | 90.3                         | 8.0        | 8.00 | 30.4                     | YES                                  | 202                              |                             |
| 23  | 0.800   | 129                           | 103.2                        | 9.0        | 8.00 | 28.7                     | YES                                  | 205                              |                             |
| 24  | Off   | 129                           | Off                          | 9.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 25  | 0.800   | 129                           | 103.2                        | 9.0        | 8.00 | 28.7                     | YES                                  | 202                              |                             |
| 26  | 0.800   | 129                           | 103.2                        | 8.0        | 8.00 | 30.7                     | YES                                  | 206                              |                             |
| 27  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 28  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
| 29  | Off   | 129                           | Off                          | 8.0        | 8.00 | Off                      | Off                                  | Off                              | Plant Off                   |
|     |   |                               |                              |            |      |                          |                                      |                                  |                             |
|     |   |                               |                              |            |      |                          |                                      |                                  |                             |

\* If chlorine concentration at entry point < 0.2 <sup>mg</sup>/<sub>L</sub>, 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