

OHA - DWS

Membrane Filter Monthly Operating Report

County: Tillamookj

System Name: Neskowin Regional Water District

Month/Year: Aug-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_{Max} [^{psi}/min]

LRC [log removal]

0.910

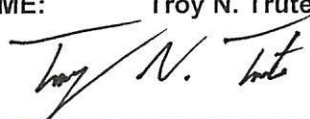
4.00

DIT
Daily

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] (>15 min duration) | Highest PDR of day [^{psi} /min] | Lowest LRV _{ambient} of day [log removal] | [Y/N] or "off" |
|-----|---------------------------|--------------------|--------------------------------------|---|--|----------------|
| 1 | 0.013 | 0.01288 | 0.013 | 0.46 | 4.10 | Y |
| 2 | 0.012 | 0.01244 | 0.012 | 0.45 | 4.10 | Y |
| 3 | 0.013 | 0.01251 | 0.013 | 0.45 | 4.10 | Y |
| 4 | 0.013 | 0.01326 | 0.013 | 0.44 | 4.10 | Y |
| 5 | 0.012 | 0.0126 | 0.013 | 0.44 | 4.08 | Y |
| 6 | 0.012 | 0.0117 | 0.012 | 0.45 | 4.08 | Y |
| 7 | 0.012 | 0.01175 | 0.012 | 0.45 | 4.15 | Y |
| 8 | Off | Off | Off | Off | Off | Off |
| 9 | 0.012 | 0.01234 | 0.012 | 0.47 | 4.25 | Y |
| 10 | 0.012 | 0.01207 | 0.012 | 0.47 | 4.15 | Y |
| 11 | 0.012 | 0.012 | 0.012 | 0.47 | 4.16 | Y |
| 12 | 0.012 | 0.01199 | 0.012 | 0.47 | 4.16 | Y |
| 13 | 0.018 | 0.01818 | 0.018 | 0.47 | 4.16 | Y |
| 14 | 0.012 | 0.01197 | 0.012 | 0.47 | 4.25 | Y |
| 15 | 0.012 | 0.01201 | 0.012 | 0.47 | 4.42 | Y |
| 16 | 0.012 | 0.01222 | 0.012 | 0.48 | 4.42 | Y |
| 17 | 0.012 | 0.01226 | 0.012 | 0.48 | 4.41 | Y |
| 18 | 0.013 | 0.01284 | 0.013 | 0.48 | 4.40 | Y |
| 19 | Off | Off | Off | Off | Off | Off |
| 20 | 0.012 | 0.01278 | 0.013 | 0.49 | 4.39 | Y |
| 21 | 0.012 | 0.01243 | 0.012 | 0.49 | 4.37 | Y |
| 22 | Off | Off | Off | Off | Off | Off |
| 23 | 0.012 | 0.013 | 0.013 | 0.48 | 4.37 | Y |
| 24 | 0.012 | 0.01256 | 0.013 | 0.48 | 4.38 | Y |
| 25 | Off | Off | Off | Off | Off | Off |
| 26 | 0.012 | 0.01243 | 0.012 | 0.48 | 4.37 | Y |
| 27 | 0.012 | 0.0126 | 0.013 | 0.48 | 4.37 | Y |
| 28 | 0.012 | 0.01242 | 0.012 | 0.48 | 4.36 | Y |
| 29 | 0.013 | 0.01338 | 0.013 | 0.48 | 4.21 | Y |
| 30 | 0.013 | 0.0133 | 0.013 | 0.47 | 4.06 | Y |
| 31 | 0.012 | 0.01266 | 0.013 | 0.47 | 4.36 | 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] (PDR ≤ PDR _{Max} , LRV ≥ LRC) | DIT Daily? |
| Yes | Yes | Yes | Yes | Yes |
| CT's met daily? (p. 2) | All Cl ₂ residual at EP ≥ 0.2 mg/L? | PDR ≤ PDR _{Max} ? | LRV _{ambient} ≥ LRC? | |
| Yes | Yes | Yes | Yes | |

PRINTED NAME: Troy N. Trute DATE: 9/5/2024
 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 DistrictPWS ID#: 41 - 00970Plant ID : WTP - A

0.5

Log
Inactivation
Required via
Disinfection

| Day | Minimum Cl ₂ Residual at 1 st User (C) * [^{mg} /L = ppm] | Contact Time (T) [minutes] | Actual CT C x T (Formula) | Temp [° C] | pH | Required CT (Formula) | CT Met? * [Yes / No] (Formula) | Peak Hourly Demand Flow [GPM] | Notes (e.g. "Plant Off") |
|-----|---|-------------------------------------|---------------------------------|---------------|------|-----------------------------|--------------------------------------|-------------------------------------|-----------------------------|
| 1 | 0.900 | 129 | 116.1 | 13.0 | 8.20 | 24.0 | YES | 206 | |
| 2 | 0.900 | 129 | 116.1 | 13.0 | 8.00 | 22.3 | YES | 205 | |
| 3 | 1.050 | 129 | 135.5 | 13.0 | 8.00 | 22.6 | YES | 202 | |
| 4 | 1.000 | 129 | 129.0 | 13.0 | 8.00 | 22.5 | YES | 202 | |
| 5 | 0.900 | 129 | 116.1 | 13.0 | 8.00 | 22.3 | YES | 204 | |
| 6 | 0.900 | 129 | 116.1 | 13.0 | 8.00 | 22.3 | YES | 203 | |
| 7 | 0.900 | 129 | 116.1 | 13.0 | 8.20 | 24.0 | YES | 203 | |
| 8 | Off | 129 | Off | 13.0 | 8.20 | Off | Off | Off | Plant Off |
| 9 | 0.800 | 129 | 103.2 | 13.0 | 8.20 | 23.7 | YES | 202 | |
| 10 | 0.950 | 129 | 122.6 | 13.0 | 8.00 | 22.4 | YES | 214 | |
| 11 | 0.950 | 129 | 122.6 | 13.0 | 8.00 | 22.4 | YES | 207 | |
| 12 | 1.040 | 129 | 134.2 | 13.0 | 8.00 | 22.6 | YES | 201 | |
| 13 | 0.900 | 129 | 116.1 | 13.0 | 8.20 | 24.0 | YES | 202 | |
| 14 | 0.800 | 129 | 103.2 | 13.0 | 8.20 | 23.7 | YES | 203 | |
| 15 | 0.900 | 129 | 116.1 | 13.0 | 8.20 | 24.0 | YES | 202 | |
| 16 | 0.800 | 129 | 103.2 | 13.0 | 8.00 | 22.0 | YES | 201 | |
| 17 | 0.800 | 129 | 103.2 | 13.0 | 8.00 | 22.0 | YES | 203 | |
| 18 | 0.800 | 129 | 103.2 | 13.0 | 8.00 | 22.0 | YES | 208 | |
| 19 | Off | 129 | Off | 13.0 | 8.00 | Off | Off | Off | Plant Off |
| 20 | 0.700 | 129 | 90.3 | 13.0 | 8.00 | 21.8 | YES | 202 | |
| 21 | 0.500 | 129 | 64.5 | 13.0 | 7.80 | 19.8 | YES | 203 | |
| 22 | Off | 129 | Off | 13.0 | 7.80 | Off | Off | Off | Plant Off |
| 23 | 0.600 | 129 | 77.4 | 13.0 | 7.80 | 20.0 | YES | 202 | |
| 24 | 0.690 | 129 | 89.0 | 13.0 | 7.80 | 20.2 | YES | 203 | |
| 25 | Off | 129 | Off | 13.0 | 7.80 | Off | Off | Off | Plant Off |
| 26 | 0.700 | 129 | 90.3 | 13.0 | 7.80 | 20.2 | YES | 202 | |
| 27 | 0.700 | 129 | 90.3 | 13.0 | 7.80 | 20.2 | YES | 202 | |
| 28 | 0.700 | 129 | 90.3 | 13.0 | 7.80 | 20.2 | YES | 201 | |
| 29 | 0.700 | 129 | 90.3 | 13.0 | 7.80 | 20.2 | YES | 201 | |
| 30 | 0.600 | 129 | 77.4 | 13.0 | 7.80 | 20.0 | YES | 264 | |
| 31 | 0.720 | 129 | 92.9 | 13.0 | 7.80 | 20.3 | YES | 202 | |

* If chlorine concentration at entry point < 0.2 ^{mg}/L, or CT not met, notify DWS within 24 hours.Submit this monthly report by the 10th of following month by

mail: Drinking Water Services
PO Box 14350
Portland, OR 97293-0350

email: dwp.dmce@odhsoha.oregon.gov

fax: 971-673-0458