

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Lincoln**

System Name: **Riverbend - Hiland**

Month/Year: **Nov-2025**

PWS ID#: 41 - **00601**

Minimum test pressure **applied**: **22.76** psi

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

Minimum test pressure **req'd**: **22** 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

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

LRC [log removal]

DIT  
Daily



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   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 2   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 3   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 4   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 5   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 6   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 7   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 8   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 9   | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 10  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 11  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 12  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 13  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 14  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 15  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 16  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 17  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 18  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 19  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 20  | 0.031                     |                    |                                 | <0.145                       |                                                    | Y              |
| 21  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 22  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 23  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 24  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 25  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 26  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 27  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 28  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 29  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 30  | 0.021                     |                    |                                 | <0.145                       |                                                    | Y              |
| 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? |
| 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                                          |                                                                   |            |

PRINTED NAME: Curtis Olson

DATE: 12/05/2025

SIGNATURE: *Curtis Olson*

WT CERT #: 216644

Notes:

PHONE #: 503-554-8333

p. 1 of 2

**Disinfection Monthly Operating Report**System Name: **Riverbend - Hiland**PWS ID#: 41 - **00601**

Plant ID : WTP -

**0.5**

Log  
Inactivation  
Required via  
Disinfection

| Day | Minimum Cl <sub>2</sub><br>Residual at 1 <sup>st</sup><br>User ( 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<br>Off") |
|-----|----------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|---------------|------|-----------------------------|--------------------------------------|-------------------------------------|--------------------------------|
| 1   | 1.117                                                                                  | 53                                  | 59.2                            | 11.5          | 6.59 | 15.5                        | YES                                  | 35                                  |                                |
| 2   | 1.035                                                                                  | 53                                  | 54.9                            | 11.8          | 6.86 | 16.5                        | YES                                  | 35                                  |                                |
| 3   | 0.849                                                                                  | 53                                  | 45.0                            | 11.9          | 6.85 | 15.9                        | YES                                  | 35                                  |                                |
| 4   | 0.771                                                                                  | 53                                  | 40.9                            | 12.1          | 6.86 | 15.7                        | YES                                  | 35                                  |                                |
| 5   | 0.931                                                                                  | 53                                  | 49.3                            | 11.9          | 6.87 | 16.2                        | YES                                  | 35                                  |                                |
| 6   | 1.084                                                                                  | 53                                  | 57.5                            | 11.8          | 6.89 | 16.7                        | YES                                  | 35                                  |                                |
| 7   | 0.928                                                                                  | 53                                  | 49.2                            | 11.4          | 6.80 | 16.3                        | YES                                  | 35                                  |                                |
| 8   | 0.772                                                                                  | 53                                  | 40.9                            | 11.3          | 6.79 | 16.2                        | YES                                  | 35                                  |                                |
| 9   | 0.692                                                                                  | 53                                  | 36.7                            | 11.6          | 6.83 | 15.9                        | YES                                  | 35                                  |                                |
| 10  | 0.639                                                                                  | 53                                  | 33.9                            | 11.2          | 6.82 | 16.1                        | YES                                  | 35                                  |                                |
| 11  | 1.033                                                                                  | 53                                  | 54.7                            | 11.7          | 6.88 | 16.7                        | YES                                  | 35                                  |                                |
| 12  | 1.209                                                                                  | 53                                  | 64.1                            | 11.1          | 6.80 | 17.1                        | YES                                  | 35                                  |                                |
| 13  | 0.997                                                                                  | 53                                  | 52.8                            | 11.1          | 6.79 | 16.7                        | YES                                  | 35                                  |                                |
| 14  | 0.855                                                                                  | 53                                  | 45.3                            | 11.2          | 6.77 | 16.3                        | YES                                  | 35                                  |                                |
| 15  | 1.007                                                                                  | 53                                  | 53.4                            | 11.6          | 6.88 | 16.7                        | YES                                  | 35                                  |                                |
| 16  | 0.996                                                                                  | 53                                  | 52.8                            | 11.1          | 6.79 | 16.7                        | YES                                  | 35                                  |                                |
| 17  | 0.985                                                                                  | 53                                  | 52.2                            | 11.5          | 6.85 | 16.7                        | YES                                  | 35                                  |                                |
| 18  | 0.903                                                                                  | 53                                  | 47.9                            | 11.5          | 6.88 | 16.6                        | YES                                  | 35                                  |                                |
| 19  | 0.766                                                                                  | 53                                  | 40.6                            | 11.4          | 6.87 | 16.4                        | YES                                  | 35                                  |                                |
| 20  | 0.805                                                                                  | 53                                  | 42.7                            | 10.9          | 6.78 | 16.5                        | YES                                  | 35                                  |                                |
| 21  | 0.865                                                                                  | 53                                  | 45.8                            | 11.1          | 6.86 | 16.9                        | YES                                  | 35                                  |                                |
| 22  | 0.865                                                                                  | 53                                  | 45.8                            | 11.3          | 6.86 | 16.6                        | YES                                  | 35                                  |                                |
| 23  | 1.107                                                                                  | 53                                  | 58.7                            | 11.1          | 6.88 | 17.4                        | YES                                  | 35                                  |                                |
| 24  | 1.022                                                                                  | 53                                  | 54.2                            | 10.7          | 6.77 | 17.1                        | YES                                  | 35                                  |                                |
| 25  | 1.172                                                                                  | 53                                  | 62.1                            | 10.9          | 6.87 | 17.7                        | YES                                  | 35                                  |                                |
| 26  | 1.180                                                                                  | 53                                  | 62.5                            | 11.1          | 6.86 | 17.4                        | YES                                  | 35                                  |                                |
| 27  | 1.321                                                                                  | 53                                  | 70.0                            | 10.9          | 6.88 | 18.1                        | YES                                  | 35                                  |                                |
| 28  | 1.275                                                                                  | 53                                  | 67.6                            | 10.9          | 6.88 | 18.0                        | YES                                  | 35                                  |                                |
| 29  | 1.268                                                                                  | 53                                  | 67.2                            | 10.7          | 6.82 | 17.9                        | YES                                  | 35                                  |                                |
| 30  | 1.257                                                                                  | 53                                  | 66.6                            | 10.9          | 6.91 | 18.1                        | YES                                  | 35                                  |                                |
| 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

p. 2 of 2