# OHA - DWS

## Membrane Filter Monthly Operating Report

System Name: **Lebanon, City of** | County: **Linn**

PWS ID#: 41 - **00473** | Month/Year: **Feb-2025**

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

Minimum test pressure **applied:** **18.3** psi

Minimum test pressure **req'd:** **18.3** 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*

| $PDR_{Max}$ [$^{psi}/_{min}$] | LRC [log removal] |
|---|---|
| 0.100 | 4.00 |

| Day | CFE Daily Turbidity [NTU] | Highest CFE♣ [NTU] | Highest IFE [NTU] | Highest PDR of day [$^{psi}/_{min}$] | Lowest $LRV_{ambient}$ of day [log removal] | DIT Daily [Y/N] or "off" |
|---|---|---|---|---|---|---|
| 1 | 0.000 | 0 | 0.025 | 0.01 | 5.16 | Y |
| 2 | 0.000 | 0 | | | | OFF |
| 3 | 0.000 | 0 | 0.041 | 0.01 | 5.30 | Y |
| 4 | 0.000 | 0 | 0.027 | 0.00 | 5.30 | Y |
| 5 | 0.000 | 0 | 0.027 | 0.01 | 5.30 | Y |
| 6 | 0.000 | 0 | 0.029 | 0.01 | 5.30 | Y |
| 7 | 0.000 | 0 | 0.029 | 0.00 | 5.30 | Y |
| 8 | 0.000 | 0 | 0.023 | 0.00 | 5.30 | Y |
| 9 | 0.000 | 0 | | | | OFF |
| 10 | 0.000 | 0 | 0.035 | 0.01 | 5.30 | Y |
| 11 | 0.000 | 0 | 0.047 | 0.01 | 5.30 | Y |
| 12 | 0.000 | 0 | 0.026 | 0.00 | 5.30 | Y |
| 13 | 0.000 | 0 | 0.032 | 0.00 | 5.30 | Y |
| 14 | 0.000 | 0 | 0.030 | 0.01 | 5.30 | Y |
| 15 | 0.000 | 0 | 0.020 | 0.01 | 5.30 | Y |
| 16 | 0.000 | 0 | | | | OFF |
| 17 | 0.000 | 0 | 0.046 | 0.00 | 5.30 | Y |
| 18 | 0.000 | 0 | 0.026 | 0.00 | 5.30 | Y |
| 19 | 0.000 | 0 | 0.028 | 0.01 | 5.30 | Y |
| 20 | 0.000 | 0 | 0.022 | 0.01 | 5.30 | Y |
| 21 | 0.000 | 0 | 0.048 | 0.01 | 5.30 | Y |
| 22 | 0.000 | 0 | 0.022 | 0.04 | 5.30 | Y |
| 23 | 0.000 | 0 | | | | OFF |
| 24 | 0.000 | 0 | 0.048 | 0.00 | 5.30 | Y |
| 25 | 0.000 | 0 | 0.028 | 0.00 | 5.30 | Y |
| 26 | 0.000 | 0 | 0.027 | 0.00 | 5.30 | Y |
| 27 | 0.000 | 0 | 0.028 | 0.00 | 5.30 | Y |
| 28 | 0.000 | 0 | 0.031 | 0.01 | 5.30 | Y |
| 29 | 0.000 | 0 | | | | |
| 30 | 0.000 | 0 | | | | |
| 31 | 0.000 | 0 | | | | |

**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:** Tyson Keene

**SIGNATURE:**

**Notes:**

**DATE:** 3-7-25

**WT CERT #:** T09109

**PHONE #:** 541-990-1254



♣ *Used for optimization purposes only.*

# OHA-DWS

## Disinfection Monthly Operating Report

System Name: **Lebanon, City of**

PWS ID#: 41 - **00473**

Plant ID : WTP - **WTP-B**

**0.5** ⇦ Log Inactivation Required via Disinfection

| Day | Minimum $Cl_2$ Residual at 1st 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 | 0.878 | 59.4849 | 52.2 | 6.9 | 7.85 | 31.7 | YES | 3,308 | |
| 2 | | | | | | | | | PLANT OFF |
| 3 | 0.426 | 67.5004 | 28.7 | 8.3 | 7.90 | 27.7 | YES | 3,336 | |
| 4 | 0.974 | 63.0291 | 61.4 | 7.3 | 8.03 | 33.3 | YES | 3,339 | |
| 5 | 0.986 | 71.4311 | 70.4 | 7.3 | 7.94 | 32.2 | YES | 3,301 | |
| 6 | 0.956 | 63.7676 | 61.0 | 7.3 | 8.01 | 32.9 | YES | 3,298 | |
| 7 | 0.878 | 75.8502 | 66.6 | 7.4 | 7.96 | 31.8 | YES | 3,301 | |
| 8 | 1.022 | 73.0073 | 74.6 | 6.5 | 7.99 | 34.8 | YES | 3,222 | |
| 9 | | | | | | | | | PLANT OFF |
| 10 | 0.812 | 69.7414 | 56.6 | 8.1 | 8.01 | 30.7 | YES | 3,360 | |
| 11 | 0.930 | 73.7143 | 68.6 | 7.2 | 8.07 | 33.7 | YES | 3,290 | |
| 12 | 0.860 | 70.6324 | 60.8 | 6.6 | 7.96 | 33.6 | YES | 3,277 | |
| 13 | 0.903 | 70.7336 | 63.8 | 6.1 | 8.02 | 35.6 | YES | 3,446 | |
| 14 | 0.793 | 68.4337 | 54.2 | 5.7 | 7.97 | 35.5 | YES | 3,362 | |
| 15 | 0.903 | 62.1767 | 56.1 | 5.6 | 7.92 | 35.6 | YES | 3,200 | |
| 16 | | | | | | | | | PLANT OFF |
| 17 | 0.615 | 68.215 | 41.9 | 7.3 | 8.00 | 31.4 | YES | 3,321 | |
| 18 | 0.842 | 64.7603 | 54.5 | 8.0 | 8.02 | 31.1 | YES | 3,307 | |
| 19 | 0.872 | 70.0685 | 61.1 | 8.1 | 7.91 | 29.8 | YES | 3,344 | |
| 20 | 0.879 | 82.7024 | 72.7 | 7.9 | 7.80 | 29.1 | YES | 2,811 | |
| 21 | 0.827 | 71.3966 | 59.1 | 8.3 | 7.70 | 27.2 | YES | 3,295 | |
| 22 | 1.034 | 61.4919 | 63.6 | 7.8 | 7.90 | 30.9 | YES | 3,278 | |
| 23 | | | | | | | | | PLANT OFF |
| 24 | 0.931 | 60.0165 | 55.9 | 8.9 | 8.04 | 29.7 | YES | 3,328 | |
| 25 | 0.904 | 66.8698 | 60.5 | 9.3 | 7.74 | 26.0 | YES | 3,235 | |
| 26 | 1.052 | 108.684 | 114.3 | 8.4 | 7.77 | 28.3 | YES | 2,149 | |
| 27 | 0.882 | 65.8609 | 58.1 | 8.9 | 7.77 | 26.9 | YES | 3,270 | |
| 28 | 0.796 | 81.3817 | 64.8 | 9.2 | 7.88 | 27.2 | YES | 2,846 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

♦ 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



Revised 7/31/2023