

OHA - DWS

Membrane Filter Monthly Operating Report

County: LANE

Month/Year: Nov-2024

System Name: ROW RIVER WTP

PWS ID#: 41 - 00236

Minimum test pressure applied || req'd: 27.3 psi || 27.0 psi

Plant ID: WTP - B (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]

0.170

LRC [log removal]


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 | 0.014 | | 0.014 | 0.04 | 5.01 | Y |
| 2 | 0.013 | | 0.013 | 0.04 | 5.02 | Y |
| 3 | 0.013 | | 0.013 | 0.04 | 4.94 | Y |
| 4 | 0.014 | | 0.014 | 0.04 | 4.98 | Y |
| 5 | 0.014 | | 0.014 | 0.04 | 5.01 | Y |
| 6 | 0.014 | | 0.014 | 0.04 | 4.98 | Y |
| 7 | 0.013 | | 0.013 | 0.04 | 4.95 | Y |
| 8 | 0.017 | | 0.017 | 0.04 | 4.98 | Y |
| 9 | 0.016 | | 0.016 | 0.04 | 5.02 | Y |
| 10 | 0.016 | | 0.016 | 0.04 | 5.03 | Y |
| 11 | 0.013 | | 0.013 | 0.03 | 5.01 | Y |
| 12 | 0.017 | | 0.017 | 0.04 | 5.00 | Y |
| 13 | 0.017 | | 0.017 | 0.04 | 5.02 | Y |
| 14 | 0.013 | | 0.013 | 0.04 | 4.91 | Y |
| 15 | 0.015 | | 0.015 | 0.04 | 4.95 | Y |
| 16 | 0.013 | | 0.013 | 0.04 | 4.98 | Y |
| 17 | 0.015 | | 0.015 | 0.04 | 5.03 | Y |
| 18 | 0.018 | | 0.018 | 0.05 | 4.93 | Y |
| 19 | 0.017 | | 0.017 | 0.04 | 5.01 | Y |
| 20 | 0.013 | | 0.013 | 0.04 | 4.99 | Y |
| 21 | 0.013 | | 0.013 | 0.04 | 5.00 | Y |
| 22 | 0.013 | | 0.013 | 0.04 | 5.19 | Y |
| 23 | 0.015 | | 0.015 | 0.04 | 4.97 | Y |
| 24 | 0.016 | | 0.016 | 0.04 | 5.03 | Y |
| 25 | 0.017 | | 0.017 | 0.04 | 5.02 | Y |
| 26 | 0.016 | | 0.016 | 0.04 | 4.99 | Y |
| 27 | 0.014 | | 0.014 | 0.04 | 5.03 | Y |
| 28 | 0.013 | | 0.013 | 0.04 | 5.01 | Y |
| 29 | 0.013 | | 0.013 | 0.04 | 5.12 | Y |
| 30 | 0.013 | | 0.013 | 0.04 | 5.04 | Y |
| 31 | | | | | | 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: Ryan Kimball | DATE: 12/4/2024 |
| SIGNATURE:  | WT CERT #: T-882889 |
| Notes: | PHONE #: 907 541 7094 |

Disinfection Monthly Operating Report

System Name: ROW RIVER WTP

PWS ID#: 41 - 00236

Plant ID : WTP - B

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 | 0.700 | 140 | 98.0 | 15.4 | 7.94 | 18.2 | YES | 952 | |
| 2 | 0.730 | 140 | 102.2 | 14.4 | 8.00 | 19.9 | YES | 928 | |
| 3 | 0.690 | 140 | 96.6 | 14.4 | 7.84 | 18.7 | YES | 949 | |
| 4 | 0.660 | 140 | 92.4 | 13.8 | 7.83 | 19.3 | YES | 815 | |
| 5 | 0.680 | 140 | 95.2 | 13.5 | 7.86 | 19.9 | YES | 787 | |
| 6 | 0.680 | 140 | 95.2 | 12.8 | 7.91 | 21.3 | YES | 812 | |
| 7 | 0.720 | 140 | 100.8 | 12.6 | 7.95 | 22.0 | YES | 1,132 | |
| 8 | 0.740 | 140 | 103.6 | 12.2 | 7.99 | 22.9 | YES | 1,056 | |
| 9 | 0.700 | 140 | 98.0 | 11.5 | 7.97 | 23.8 | YES | 946 | |
| 10 | 0.700 | 140 | 98.0 | 12.5 | 7.95 | 22.1 | YES | 933 | |
| 11 | 0.690 | 140 | 96.6 | 12.4 | 7.93 | 22.1 | YES | 878 | |
| 12 | 0.780 | 140 | 109.2 | 12.2 | 7.94 | 22.6 | YES | 821 | |
| 13 | 0.780 | 140 | 109.2 | 12.2 | 7.94 | 22.6 | YES | 821 | |
| 14 | 0.770 | 140 | 107.8 | 12.0 | 7.90 | 22.7 | YES | 821 | |
| 15 | 0.840 | 140 | 117.6 | 11.8 | 7.90 | 23.1 | YES | 1,216 | |
| 16 | 0.820 | 140 | 114.8 | 10.4 | 7.96 | 25.8 | YES | 955 | |
| 17 | 0.810 | 140 | 113.4 | 11.4 | 7.89 | 23.6 | YES | 947 | |
| 18 | 0.810 | 140 | 113.4 | 10.9 | 7.87 | 24.2 | YES | 859 | |
| 19 | 0.820 | 140 | 114.8 | 10.8 | 8.01 | 25.6 | YES | 859 | |
| 20 | 0.810 | 140 | 113.4 | 10.8 | 7.83 | 24.1 | YES | 870 | |
| 21 | 0.830 | 140 | 116.2 | 10.7 | 7.86 | 24.4 | YES | 859 | |
| 22 | 0.830 | 140 | 116.2 | 10.8 | 7.87 | 24.3 | YES | 1,015 | |
| 23 | 0.820 | 140 | 114.8 | 10.6 | 7.98 | 25.7 | YES | 961 | |
| 24 | 0.860 | 140 | 120.4 | 10.6 | 7.91 | 25.1 | YES | 1,066 | |
| 25 | 0.900 | 140 | 126.0 | 10.7 | 7.91 | 25.1 | YES | 905 | |
| 26 | 0.810 | 140 | 113.4 | 10.6 | 7.89 | 24.8 | YES | 891 | |
| 27 | 0.850 | 140 | 119.0 | 10.1 | 7.90 | 25.8 | YES | 947 | |
| 28 | 0.870 | 140 | 121.8 | 9.2 | 7.91 | 27.7 | YES | 1,122 | |
| 29 | 0.840 | 140 | 117.6 | 9.6 | 7.89 | 26.7 | YES | 1,121 | |
| 30 | 0.810 | 140 | 113.4 | 8.5 | 7.93 | 29.0 | YES | 988 | |
| 31 | | 140 | | | | | | | |

* 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
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fax: 971-673-0458