

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Benton**

System Name: **City of Monroe**

Month/Year: **Nov-2024**

PWS ID#: 41 - **00540**

Minimum test pressure **applied**: **16.5** psi

Plant ID: WTP - **A**

Minimum test pressure **req'd**: **11.5** psi

(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> [psi/min]

**0.500**

LRC [log removal]

**3.50**

DIT  
Daily

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] | Highest PDR of day [psi/min] | Lowest LRV <sub>ambient</sub> of day [log removal] | [Y/N] or "off" |
|-----|---------------------------|--------------------|-------------------|------------------------------|----------------------------------------------------|----------------|
| 1   | 0.062                     | 0.062              | 0.059             | 0.47                         | 3.87                                               |                |
| 2   |                           |                    |                   |                              |                                                    | Off            |
| 3   |                           |                    |                   |                              |                                                    | Off            |
| 4   | 0.108                     | 0.108              | 0.061             | 0.48                         | 3.86                                               |                |
| 5   | 0.101                     | 0.101              | 0.064             | 0.47                         | 3.90                                               |                |
| 6   | 0.066                     | 0.066              | 0.059             | 0.48                         | 3.83                                               |                |
| 7   | 0.066                     | 0.066              | 0.061             | 0.45                         | 3.91                                               |                |
| 8   | 0.067                     | 0.067              | 0.059             | 0.49                         | 3.85                                               |                |
| 9   |                           |                    |                   |                              |                                                    | Off            |
| 10  |                           |                    |                   |                              |                                                    | Off            |
| 11  |                           |                    |                   |                              |                                                    | Off            |
| 12  | 0.048                     |                    | 0.068             | 0.49                         | 3.87                                               |                |
| 13  | 0.057                     | 0.057              | 0.082             | 0.49                         | 3.84                                               |                |
| 14  | 0.096                     | 0.096              | 0.068             | 0.49                         | 3.87                                               |                |
| 15  | 0.062                     | 0.062              | 0.061             | 0.49                         | 3.89                                               |                |
| 16  |                           |                    |                   |                              |                                                    | Off            |
| 17  |                           |                    |                   |                              |                                                    | Off            |
| 18  | 0.063                     | 0.063              | 0.068             | 0.49                         | 3.85                                               |                |
| 19  | 0.049                     |                    | 0.072             | 0.48                         | 3.84                                               |                |
| 20  | 0.066                     | 0.066              | 0.085             | 0.47                         | 3.85                                               |                |
| 21  | 0.046                     |                    | 0.075             | 0.48                         | 3.86                                               |                |
| 22  | 0.061                     | 0.061              | 0.065             | 0.50                         | 3.83                                               |                |
| 23  |                           |                    |                   |                              |                                                    | Off            |
| 24  |                           |                    |                   |                              |                                                    | Off            |
| 25  | 0.065                     | 0.065              | 0.072             | 0.50                         | 3.83                                               |                |
| 26  | 0.046                     |                    | 0.061             | 0.50                         | 3.83                                               |                |
| 27  | 0.048                     |                    | 0.068             | 0.49                         | 3.84                                               |                |
| 28  |                           |                    |                   |                              |                                                    | Off            |
| 29  |                           |                    |                   |                              |                                                    | Off            |
| 30  |                           |                    |                   |                              |                                                    | Off            |
| 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]<br>(PDR ≤ PDR <sub>Max</sub> , LRV ≥ LRC) | DIT Daily? |
| <b>Yes</b>                                     | <b>Yes</b>                                     | <b>Yes</b>                                   | <b>Yes</b>                                                           | <b>Yes</b> |
| 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?                                        |            |
| <b>Yes</b>                                     | <b>Yes</b>                                     | <b>Yes</b>                                   | <b>Yes</b>                                                           |            |

PRINTED NAME: **Charles Scholz**

SIGNATURE: 

Notes:

DATE: **12-9-2024**

WT CERT #: **6060**

PHONE #: **(541) 995-6655**

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**Disinfection Monthly Operating Report**System Name: **City of Monroe**PWS ID#: 41 - **00540**Plant ID : WTP - **A****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   | 1.260                                                                                  | 49                                  | 61.7                            | 13.2          | 8.02 | 23.0                        | YES                                  | 350                                 |                                |
| 2   |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 3   |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 4   | 1.160                                                                                  | 49                                  | 56.8                            | 12.8          | 8.10 | 24.1                        | YES                                  | 350                                 |                                |
| 5   | 1.730                                                                                  | 49                                  | 84.8                            | 12.1          | 7.94 | 25.4                        | YES                                  | 350                                 |                                |
| 6   | 1.430                                                                                  | 49                                  | 70.1                            | 11.7          | 7.97 | 25.5                        | YES                                  | 350                                 |                                |
| 7   | 1.420                                                                                  | 49                                  | 69.6                            | 11.3          | 8.25 | 28.9                        | YES                                  | 350                                 |                                |
| 8   | 1.420                                                                                  | 49                                  | 69.6                            | 11.0          | 8.07 | 27.6                        | YES                                  | 350                                 |                                |
| 9   |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 10  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 11  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 12  | 0.880                                                                                  | 49                                  | 43.1                            | 11.5          | 8.17 | 26.0                        | YES                                  | 350                                 |                                |
| 13  | 1.250                                                                                  | 49                                  | 61.3                            | 11.0          | 7.99 | 26.3                        | YES                                  | 350                                 |                                |
| 14  | 1.750                                                                                  | 49                                  | 85.8                            | 10.5          | 7.88 | 27.7                        | YES                                  | 350                                 |                                |
| 15  | 1.200                                                                                  | 49                                  | 58.8                            | 10.6          | 7.86 | 25.7                        | YES                                  | 350                                 |                                |
| 16  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 17  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 18  | 0.910                                                                                  | 49                                  | 44.6                            | 10.6          | 7.84 | 24.7                        | YES                                  | 350                                 |                                |
| 19  | 1.210                                                                                  | 49                                  | 59.3                            | 9.2           | 7.89 | 28.6                        | YES                                  | 350                                 |                                |
| 20  | 1.710                                                                                  | 49                                  | 83.8                            | 8.4           | 8.06 | 34.0                        | YES                                  | 350                                 |                                |
| 21  | 1.180                                                                                  | 49                                  | 57.8                            | 8.5           | 8.00 | 31.0                        | YES                                  | 350                                 |                                |
| 22  | 1.100                                                                                  | 49                                  | 53.9                            | 8.5           | 7.97 | 30.5                        | YES                                  | 350                                 |                                |
| 23  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 24  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 25  | 0.850                                                                                  | 49                                  | 41.7                            | 9.8           | 8.17 | 29.1                        | YES                                  | 350                                 |                                |
| 26  | 1.510                                                                                  | 49                                  | 74.0                            | 9.4           | 7.83 | 28.5                        | YES                                  | 350                                 |                                |
| 27  | 0.930                                                                                  | 49                                  | 45.6                            | 9.3           | 7.99 | 28.5                        | YES                                  | 350                                 |                                |
| 28  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 29  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 30  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     | Off                            |
| 31  |                                                                                        |                                     |                                 |               |      |                             |                                      |                                     |                                |

\* If chlorine concentration at entry point &lt; 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

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