

# Membrane Filter Monthly Operating Report

County: **Douglas**

System Name: **City of Myrtle Creek**

Month/Year: **Aug. 2025**

PWS ID#: 41 - **00550**

Minimum test pressure applied || req'd: 30.05 psi || 27 p

Plant ID: WTP - **River Pl** (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

| Day | CFE Daily Turbidity [NTU] | Highest CFE* [NTU] | Highest IFE [NTU] (>15 min duration) | Highest PDR of day [ <sup>psi</sup> /min] | Lowest LRV <sub>ambient</sub> of day [log removal] | DIT Daily |
|-----|---------------------------|--------------------|--------------------------------------|-------------------------------------------|----------------------------------------------------|-----------|
|     |                           |                    |                                      |                                           |                                                    |           |
| 1   | 0.088                     | 0.088              |                                      | 0.07                                      |                                                    | Y         |
| 2   | 0.068                     | 0.068              |                                      | 0.07                                      |                                                    | Y         |
| 3   | 0.089                     | 0.089              |                                      | 0.07                                      |                                                    | Y         |
| 4   | 0.089                     | 0.089              |                                      | 0.07                                      |                                                    | Y         |
| 5   | 0.096                     | 0.096              |                                      | 0.07                                      |                                                    | Y         |
| 6   | 0.086                     | 0.086              |                                      | 0.08                                      |                                                    | Y         |
| 7   | 0.069                     | 0.069              |                                      | 0.08                                      |                                                    | Y         |
| 8   | 0.098                     | 0.098              |                                      | 0.08                                      |                                                    | Y         |
| 9   | 0.098                     | 0.098              |                                      | 0.07                                      |                                                    | Y         |
| 10  | 0.099                     | 0.099              |                                      | 0.06                                      |                                                    | Y         |
| 11  | 0.077                     | 0.077              |                                      | 0.07                                      |                                                    | Y         |
| 12  | 0.102                     | 0.102              |                                      | 0.07                                      |                                                    | Y         |
| 13  | 0.093                     | 0.093              |                                      | 0.07                                      |                                                    | Y         |
| 14  | 0.122                     | 0.122              |                                      | 0.07                                      |                                                    | Y         |
| 15  | 0.071                     | 0.071              |                                      | 0.07                                      |                                                    | Y         |
| 16  | 0.081                     | 0.081              |                                      | 0.06                                      |                                                    | Y         |
| 17  | 0.085                     | 0.085              |                                      | 0.07                                      |                                                    | Y         |
| 18  | 0.089                     | 0.089              |                                      | 0.06                                      |                                                    | Y         |
| 19  | 0.070                     | 0.070              |                                      | 0.06                                      |                                                    | Y         |
| 20  | 0.089                     | 0.089              |                                      | 0.07                                      |                                                    | Y         |
| 21  | 0.089                     | 0.089              |                                      | 0.07                                      |                                                    | Y         |
| 22  | 0.086                     | 0.086              |                                      | 0.08                                      |                                                    | Y         |
| 23  | 0.088                     | 0.088              |                                      | 0.07                                      |                                                    | Y         |
| 24  | 0.091                     | 0.091              |                                      | 0.07                                      |                                                    | Y         |
| 25  | 0.067                     | 0.067              |                                      | 0.07                                      |                                                    | Y         |
| 26  | 0.070                     | 0.070              |                                      | 0.07                                      |                                                    | Y         |
| 27  | 0.095                     | 0.095              |                                      | 0.07                                      |                                                    | Y         |
| 28  | 0.097                     | 0.097              |                                      | 0.07                                      |                                                    | Y         |
| 29  | 0.099                     | 0.099              |                                      | 0.07                                      |                                                    | Y         |
| 30  | 0.066                     | 0.066              |                                      | 0.07                                      |                                                    | Y         |
| 31  | 0.086                     | 0.086              |                                      | 0.07                                      |                                                    | 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 <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?                                     |            |
| #REF!                                          | #REF!                                          | Yes                                          |                                                                   |            |

PRINTED NAME: John Ra

SIGNATURE: 

Notes:

DATE: September 9, 2025

WT CERT #: 039997

PHONE #: 541-863-3171

**Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form**

| System Name: City of Myrtle Creek |                |               | ID #: 41-00550 |               |               |               | WTP: A                                   | Month/Year: AUG 2025                |  |
|-----------------------------------|----------------|---------------|----------------|---------------|---------------|---------------|------------------------------------------|-------------------------------------|--|
| DAY                               | 12 AM<br>[NTU] | 4 AM<br>[NTU] | 8 AM<br>[NTU]  | NOON<br>[NTU] | 4 PM<br>[NTU] | 8 PM<br>[NTU] | Highest Reading<br>of the Day 1<br>[NTU] | Peak Hourly<br>Demand Flow<br>[GPM] |  |
| 1                                 | 0.089          | 0.061         | 0.060          | 0.060         | OFF           | OFF           | 0.088                                    | 1100                                |  |
| 2                                 | 0.068          | 0.062         | 0.061          | OFF           | OFF           | OFF           | 0.068                                    | 1100                                |  |
| 3                                 | OFF            | OFF           | 0.089          | 0.089         | 0.088         | 0.088         | 0.089                                    | 1100                                |  |
| 4                                 | 0.089          | 0.065         | 0.064          | 0.069         | OFF           | OFF           | 0.089                                    | 1100                                |  |
| 5                                 | OFF            | OFF           | 0.076          | 0.081         | 0.096         | 0.085         | 0.096                                    | 1100                                |  |
| 6                                 | OFF            | OFF           | 0.086          | OFF           | OFF           | OFF           | 0.086                                    | 1100                                |  |
| 7                                 | OFF            | 0.069         | 0.064          | 0.069         | 0.069         | 0.069         | 0.069                                    | 1100                                |  |
| 8                                 | OFF            | OFF           | 0.094          | 0.093         | 0.091         | 0.092         | 0.098                                    | 1100                                |  |
| 9                                 | OFF            | OFF           | 0.090          | 0.088         | 0.098         | 0.089         | 0.098                                    | 1100                                |  |
| 10                                | OFF            | OFF           | 0.099          | 0.085         | 0.068         | 0.070         | 0.099                                    | 1100                                |  |
| 11                                | 0.068          | OFF           | 0.077          | 0.070         | OFF           | OFF           | 0.077                                    | 1100                                |  |
| 12                                | OFF            | OFF           | 0.102          | 0.088         | 0.095         | 0.091         | 0.102                                    | 1100                                |  |
| 13                                | 0.078          | 0.092         | 0.090          | 0.090         | 0.084         | 0.093         | 0.093                                    | 1100                                |  |
| 14                                | OFF            | OFF           | 0.084          | 0.122         | OFF           | OFF           | 0.122                                    | 1100                                |  |
| 15                                | OFF            | OFF           | 0.071          | 0.063         | 0.066         | 0.066         | 0.071                                    | 1100                                |  |
| 16                                | 0.067          | OFF           | 0.081          | 0.069         | OFF           | OFF           | 0.081                                    | 1100                                |  |
| 17                                | OFF            | OFF           | 0.081          | 0.080         | 0.087         | 0.085         | 0.085                                    | 1100                                |  |
| 18                                | 0.086          | OFF           | 0.089          | 0.079         | OFF           | OFF           | 0.089                                    | 1100                                |  |
| 19                                | OFF            | OFF           | 0.070          | 0.068         | 0.063         | 0.063         | 0.070                                    | 1100                                |  |
| 20                                | 0.062          | OFF           | 0.088          | 0.089         | OFF           | OFF           | 0.089                                    | 1100                                |  |
| 21                                | OFF            | OFF           | 0.089          | 0.088         | 0.063         | 0.063         | 0.089                                    | 1100                                |  |
| 22                                | 0.063          | OFF           | 0.079          | 0.066         | OFF           | OFF           | 0.086                                    | 1100                                |  |
| 23                                | 0.068          | 0.078         | 0.088          | OFF           | OFF           | OFF           | 0.088                                    | 1100                                |  |
| 24                                | 0.091          | 0.087         | 0.082          | 0.082         | 0.085         | 0.085         | 0.091                                    | 1100                                |  |
| 25                                | OFF            | OFF           | 0.066          | 0.067         | 0.066         | OFF           | 0.067                                    | 1100                                |  |
| 26                                | OFF            | OFF           | 0.067          | 0.069         | 0.070         | OFF           | 0.070                                    | 1100                                |  |
| 27                                | OFF            | OFF           | 0.095          | 0.080         | 0.092         | 0.090         | 0.095                                    | 1100                                |  |
| 28                                | 0.086          | OFF           | 0.087          | OFF           | OFF           | OFF           | 0.097                                    | 1100                                |  |
| 29                                | OFF            | OFF           | OFF            | 0.099         | 0.070         | 0.063         | 0.099                                    | 1100                                |  |
| 30                                | 0.064          | 0.066         | 0.065          | 0.064         | OFF           | OFF           | 0.066                                    | 1100                                |  |
| 31                                | OFF            | OFF           | 0.069          | 0.066         | 0.084         | 0.086         | 0.086                                    | 1100                                |  |

|                                                                                                                              |  |                       |  |                                                                                                 |  |                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|--|-------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|
| <b>Conventional or Direct Filtration</b>                                                                                     |  |                       |  | <b>Monthly UV Summary (Circle Yes or No)</b>                                                    |  |                                                  |  |
| 95% of the 4-hour turbidity readings $\leq$ 0.3 NTU?                                                                         |  | Yes / No              |  | Is volume of off-spec water produced less than 5% in the month?                                 |  |                                                  |  |
| All the 4-hour turbidity readings < 1 NTU?                                                                                   |  | Yes / No              |  | Yes / No                                                                                        |  |                                                  |  |
| All turbidity readings < IFE triggers?                                                                                       |  | Yes / No <sup>2</sup> |  |                                                                                                 |  |                                                  |  |
| <b>OR</b>                                                                                                                    |  |                       |  | PRINTED NAME: John Raines                                                                       |  |                                                  |  |
| <b>Slow Sand/Cartridge Membrane DE Filtration</b>                                                                            |  |                       |  | SIGNATURE:  |  | DATE: September 9, 2025                          |  |
| 95% of turbidity readings < 1 NTU?                                                                                           |  | Yes / No              |  | PHONE: 541-863-3171                                                                             |  | CERT #: 039997                                   |  |
| All turbidity readings < 5 NTU?                                                                                              |  | Yes / No              |  |                                                                                                 |  |                                                  |  |
| Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other |  |                       |  |                                                                                                 |  | Yes / No                                         |  |
|                                                                                                                              |  |                       |  |                                                                                                 |  | CT <sub>Viral</sub> : Required= 4<br>Achieved= 4 |  |

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM through

**OHA - Drinking Water Services - Surface Water Quality Data Form**
**WTP - : A**
**System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Aug-25**
**Disinfection *Giardia* Log  
Inactiv: 1.0**

| Date | Time  | Minimum Cl <sub>2</sub><br>Residual at<br>1st User<br>(C) <sup>3</sup> | Contact<br>Time<br>(T) | Actual CT    | Temp  | pH  | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand<br>Flow | Notes<br>(e.g "Plant<br>Off") |
|------|-------|------------------------------------------------------------------------|------------------------|--------------|-------|-----|-------------|----------------------|----------------------------|-------------------------------|
|      |       | [ppm or mg/L]                                                          | [minutes]              | <b>C X T</b> | [° C] |     | formula     | Yes/No               | [GPM]                      |                               |
| 1    | 20:57 | 0.86                                                                   | 83                     | 71.2         | 25.9  | 7.8 | 17.3        | YES                  | 1100                       |                               |
| 2    | 7:09  | 1.09                                                                   | 83                     | 90.5         | 25.9  | 7.8 | 17.8        | YES                  | 1100                       |                               |
| 3    | 7:19  | 0.69                                                                   | 83                     | 57.3         | 25.4  | 7.7 | 16.9        | YES                  | 1100                       |                               |
| 4    | 11:39 | 1.02                                                                   | 83                     | 84.7         | 24.5  | 7.9 | 20.2        | YES                  | 1100                       |                               |
| 5    | 5:46  | 0.77                                                                   | 83                     | 63.9         | 24.3  | 7.8 | 19.1        | YES                  | 1100                       |                               |
| 6    | 7:13  | 0.87                                                                   | 83                     | 72.2         | 24.8  | 7.8 | 18.7        | YES                  | 1100                       |                               |
| 7    | 1:49  | 0.78                                                                   | 83                     | 64.7         | 24.9  | 7.8 | 18.4        | YES                  | 1100                       |                               |
| 8    | 7:06  | 0.92                                                                   | 83                     | 76.4         | 23.6  | 7.6 | 18.9        | YES                  | 1100                       |                               |
| 9    | 14:21 | 1.05                                                                   | 83                     | 87.2         | 23.9  | 7.7 | 19.5        | YES                  | 1100                       |                               |
| 10   | 7:23  | 0.88                                                                   | 83                     | 73.0         | 24.6  | 7.7 | 18.3        | YES                  | 1100                       |                               |
| 11   | 7:09  | 1.01                                                                   | 83                     | 83.8         | 26.0  | 7.5 | 15.6        | YES                  | 1100                       |                               |
| 12   | 7:27  | 0.61                                                                   | 83                     | 50.6         | 26.0  | 7.7 | 16.1        | YES                  | 1100                       |                               |
| 13   | 7:38  | 1.06                                                                   | 83                     | 88.0         | 26.8  | 7.8 | 16.7        | YES                  | 1100                       |                               |
| 14   | 5:48  | 0.92                                                                   | 83                     | 76.4         | 26.6  | 7.7 | 16.0        | YES                  | 1100                       |                               |
| 15   | 7:00  | 0.79                                                                   | 83                     | 65.6         | 25.8  | 7.5 | 15.5        | YES                  | 1100                       |                               |
| 16   | 7:22  | 0.98                                                                   | 83                     | 81.3         | 25.5  | 7.6 | 16.8        | YES                  | 1100                       |                               |
| 17   | 6:56  | 0.75                                                                   | 83                     | 62.3         | 25.3  | 7.5 | 15.9        | YES                  | 1100                       |                               |
| 18   | 12:57 | 0.98                                                                   | 83                     | 81.3         | 24.9  | 7.7 | 18.1        | YES                  | 1100                       |                               |
| 19   | 6:48  | 0.67                                                                   | 83                     | 55.6         | 24.0  | 7.7 | 18.6        | YES                  | 1100                       |                               |
| 20   | 6:38  | 0.94                                                                   | 83                     | 78.0         | 24.3  | 7.7 | 18.8        | YES                  | 1100                       |                               |
| 21   | 6:38  | 1.05                                                                   | 83                     | 87.2         | 24.1  | 7.7 | 19.3        | YES                  | 1100                       |                               |
| 22   | 23:51 | 0.91                                                                   | 83                     | 75.4         | 24.7  | 7.8 | 18.9        | YES                  | 1100                       |                               |
| 23   | 0:28  | 0.88                                                                   | 83                     | 73.0         | 25.2  | 7.7 | 17.5        | YES                  | 1100                       |                               |
| 24   | 12:59 | 0.70                                                                   | 83                     | 58.1         | 26.4  | 7.7 | 15.8        | YES                  | 1100                       |                               |
| 25   | 5:49  | 0.72                                                                   | 83                     | 59.8         | 26.5  | 7.7 | 15.8        | YES                  | 1100                       |                               |
| 26   | 5:35  | 0.73                                                                   | 83                     | 60.6         | 26.7  | 7.7 | 15.6        | YES                  | 1100                       |                               |
| 27   | 7:29  | 0.85                                                                   | 83                     | 70.6         | 26.2  | 7.7 | 16.3        | YES                  | 1100                       |                               |
| 28   | 10:23 | 1.04                                                                   | 83                     | 86.3         | 26.0  | 7.7 | 16.9        | YES                  | 1100                       |                               |
| 29   | 5:47  | 0.54                                                                   | 83                     | 44.8         | 25.4  | 7.6 | 16.0        | YES                  | 1100                       |                               |
| 30   | 13:22 | 1.14                                                                   | 83                     | 94.6         | 24.5  | 7.8 | 19.7        | YES                  | 1100                       |                               |
| 31   | 6:26  | 0.70                                                                   | 83                     | 58.1         | 24.5  | 7.6 | 17.4        | YES                  | 1100                       |                               |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name: City of Myrtle Creek PWS ID#: 41-00550AMonth/Year: Aug 2025Minimum UVT [%] during month: 96.5 Duty sensor variation from reference sensor: 2.9 %

Minimum Validated UVT : 75% {Insert Req'd Value}

| Date                                         | Peak Hourly Demand Flow | Minimum Intensity | All Lamps On? | Daily Water Produced {A} | Water outside Validated Conditions {B} | Cumulative % Off-Spec Water Produced       |
|----------------------------------------------|-------------------------|-------------------|---------------|--------------------------|----------------------------------------|--------------------------------------------|
|                                              | [gpm/unit]              | [ $mW/cm^2$ ]     | [ Y or N ]    | [gal]                    | [gal]                                  | (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100<br>[%] |
| 1                                            | 1100                    | 96.7              | Y             | 1113088                  | 0                                      | 0                                          |
| 2                                            | 1100                    | 96.5              | Y             | 691968                   | 0                                      | 0                                          |
| 3                                            | 1100                    | 96.9              | Y             | 1243136                  | 0                                      | 0                                          |
| 4                                            | 1100                    | 96.6              | Y             | 988928                   | 0                                      | 0                                          |
| 5                                            | 1100                    | 96.7              | Y             | 1316352                  | 0                                      | 0                                          |
| 6                                            | 1100                    | 97.5              | Y             | 410880                   | 0                                      | 0                                          |
| 7                                            | 1100                    | 96.6              | Y             | 1556992                  | 0                                      | 0                                          |
| 8                                            | 1100                    | 97.4              | Y             | 967168                   | 0                                      | 0                                          |
| 9                                            | 1100                    | 96.8              | Y             | 1082368                  | 0                                      | 0                                          |
| 10                                           | 1100                    | 96.9              | Y             | 1255424                  | 0                                      | 0                                          |
| 11                                           | 1100                    | 97.5              | Y             | 723200                   | 0                                      | 0                                          |
| 12                                           | 1100                    | 98.9              | Y             | 1297920                  | 0                                      | 0                                          |
| 13                                           | 1100                    | 96.9              | Y             | 1268736                  | 0                                      | 0                                          |
| 14                                           | 1100                    | 96.7              | Y             | 687360                   | 0                                      | 0                                          |
| 15                                           | 1100                    | 96.8              | Y             | 1354496                  | 0                                      | 0                                          |
| 16                                           | 1100                    | 96.6              | Y             | 594688                   | 0                                      | 0                                          |
| 17                                           | 1100                    | 96.9              | Y             | 1292032                  | 0                                      | 0                                          |
| 18                                           | 1100                    | 96.9              | Y             | 708864                   | 0                                      | 0                                          |
| 19                                           | 1100                    | 96.7              | Y             | 1314816                  | 0                                      | 0                                          |
| 20                                           | 1100                    | 97.2              | Y             | 559360                   | 0                                      | 0                                          |
| 21                                           | 1100                    | 96.9              | Y             | 1426432                  | 0                                      | 0                                          |
| 22                                           | 1100                    | 97.9              | Y             | 820224                   | 0                                      | 0                                          |
| 23                                           | 1100                    | 96.5              | Y             | 732416                   | 0                                      | 0                                          |
| 24                                           | 1100                    | 96.5              | Y             | 1374208                  | 0                                      | 0                                          |
| 25                                           | 1100                    | 96.6              | Y             | 940544                   | 0                                      | 0                                          |
| 26                                           | 1100                    | 96.6              | Y             | 917760                   | 0                                      | 0                                          |
| 27                                           | 1100                    | 97.2              | Y             | 1204992                  | 0                                      | 0                                          |
| 28                                           | 1100                    | 96.6              | Y             | 443392                   | 0                                      | 0                                          |
| 29                                           | 1100                    | 96.9              | Y             | 1102336                  | 0                                      | 0                                          |
| 30                                           | 1100                    | 96.4              | Y             | 951552                   | 0                                      | 0                                          |
| 31                                           | 1100                    | 97.7              | Y             | 1283328                  | 0                                      | 0                                          |
| Monthly Cumulative % Off-Spec Water Produced |                         |                   |               |                          |                                        | 0                                          |

Signature:  Op Cert #: 039997 Date: September 9, 2025