

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

|                                          |                       |               |                             |
|------------------------------------------|-----------------------|---------------|-----------------------------|
| <b>System Name:</b> City of Myrtle Creek | <b>ID #:</b> 41-00550 | <b>WTP:</b> A | <b>Month/Year:</b> May 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   | OFF            | OFF           | 0.045         | 0.044         | 0.042         | 0.041         | 0.045                                    | 1100                                |
| 2   | 0.046          | OFF           | OFF           | OFF           | 0.055         | OFF           | 0.055                                    | 1100                                |
| 3   | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 4   | OFF            | OFF           | 0.046         | 0.046         | 0.054         | 0.053         | 0.054                                    | 1100                                |
| 5   | 0.054          | OFF           | OFF           | OFF           | 0.041         | OFF           | 0.055                                    | 1100                                |
| 6   | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 7   | OFF            | OFF           | 0.062         | 0.054         | 0.050         | 0.049         | 0.062                                    | 1100                                |
| 8   | 0.052          | OFF           | 0.042         | OFF           | OFF           | OFF           | 0.044                                    | 1100                                |
| 9   | OFF            | OFF           | 0.044         | 0.041         | 0.049         | 0.058         | 0.063                                    | 1100                                |
| 10  | OFF            | OFF           | OFF           | OFF           | OFF           | 0.045         | 0.058                                    | 1100                                |
| 11  | 0.047          | 0.048         | 0.045         | OFF           | OFF           | OFF           | 0.048                                    | 1100                                |
| 12  | OFF            | OFF           | 0.063         | OFF           | 0.058         | 0.055         | 0.063                                    | 1100                                |
| 13  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 14  | OFF            | OFF           | 0.047         | 0.042         | 0.053         | 0.055         | 0.055                                    | 1100                                |
| 15  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 16  | OFF            | OFF           | 0.045         | 0.044         | 0.040         | 0.041         | 0.045                                    | 1100                                |
| 17  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 18  | OFF            | OFF           | 0.060         | 0.057         | 0.043         | 0.042         | 0.060                                    | 1100                                |
| 19  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 20  | OFF            | OFF           | 0.052         | 0.059         | 0.047         | 0.042         | 0.059                                    | 1100                                |
| 21  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 22  | OFF            | OFF           | 0.068         | 0.058         | 0.054         | 0.053         | 0.068                                    | 1100                                |
| 23  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 24  | OFF            | 0.049         | 0.045         | 0.045         | 0.057         | OFF           | 0.057                                    | 1100                                |
| 25  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 26  | OFF            | OFF           | 0.069         | 0.061         | 0.044         | 0.045         | 0.069                                    | 1100                                |
| 27  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 28  | OFF            | 0.070         | 0.065         | 0.060         | 0.064         | 0.057         | 0.070                                    | 1100                                |
| 29  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |
| 30  | OFF            | 0.052         | 0.045         | 0.045         | 0.051         | 0.062         | 0.065                                    | 1100                                |
| 31  | OFF            | OFF           | OFF           | OFF           | OFF           | OFF           | OFF                                      | OFF                                 |

|                                                                                                                              |                       |                                                                                                        |                                            |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <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              | <b>Yes</b> / No                                                                                        |                                            |
| All turbidity readings < IFE triggers?                                                                                       | Yes / No <sup>2</sup> |                                                                                                        |                                            |
| <b>OR</b>                                                                                                                    |                       | <b>PRINTED NAME:</b> John Raines                                                                       |                                            |
| <b>Slow Sand/Cartridge/Membrane/IFE Filtration</b>                                                                           |                       | <b>SIGNATURE:</b>  | <b>DATE:</b> June 2, 2025                  |
| 95% of turbidity readings < 1 NTU?                                                                                           | <b>Yes</b> / No       | <b>PHONE:</b> 541-863-3171                                                                             | <b>CERT #:</b> 039997                      |
| All turbidity readings < 5 NTU?                                                                                              | <b>Yes</b> / No       |                                                                                                        |                                            |
| Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other |                       |                                                                                                        | <b>CTViral:</b> Required= 4<br>Achieved= 4 |
|                                                                                                                              |                       |                                                                                                        | <b>Yes</b> / No                            |

<sup>1</sup> Including continuous turbidity data, If applicable, for optimization recording purposes. Compliance values in columns "12 AM through "8 PM" may not correspond to continuous readings maximum. <sup>2</sup> IFE = Individual Filter Effluent. (OAR 333-061-0040 (1)(d)(B&C))

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name: City of Myrtle Creek PWS ID#: 41-00550AMonth/Year: May 2025Minimum UVT [%] during month: 95.4 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                    | 98.5              | Y             | 1346048                  | 0                                      | 0                                          |
| 2                                            | 1100                    | 97.8              | Y             | 373248                   | 0                                      | 0                                          |
| 3                                            | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 4                                            | 1100                    | 98.4              | Y             | 1208832                  | 0                                      | 0                                          |
| 5                                            | 1100                    | 97.5              | Y             | 474112                   | 0                                      | 0                                          |
| 6                                            | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 7                                            | 1100                    | 98.7              | Y             | 1396480                  | 0                                      | 0                                          |
| 8                                            | 1100                    | 98.0              | Y             | 226304                   | 0                                      | 0                                          |
| 9                                            | 1100                    | 98.5              | Y             | 959232                   | 0                                      | 0                                          |
| 10                                           | 1100                    | 96.4              | Y             | 459776                   | 0                                      | 0                                          |
| 11                                           | 1100                    | 98.1              | Y             | 378368                   | 0                                      | 0                                          |
| 12                                           | 1100                    | 99.5              | Y             | 949760                   | 0                                      | 0                                          |
| 13                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 14                                           | 1100                    | 97.3              | Y             | 902912                   | 0                                      | 0                                          |
| 15                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 16                                           | 1100                    | 95.4              | Y             | 1106688                  | 0                                      | 0                                          |
| 17                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 18                                           | 1100                    | 96.7              | Y             | 1021952                  | 0                                      | 0                                          |
| 19                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 20                                           | 1100                    | 97.7              | Y             | 1078272                  | 0                                      | 0                                          |
| 21                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 22                                           | 1100                    | 95.6              | Y             | 1265664                  | 0                                      | 0                                          |
| 23                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 24                                           | 1100                    | 97.7              | Y             | 1172224                  | 0                                      | 0                                          |
| 25                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 26                                           | 1100                    | 98.1              | Y             | 1269504                  | 0                                      | 0                                          |
| 27                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 28                                           | 1100                    | 97.7              | Y             | 1345536                  | 0                                      | 0                                          |
| 29                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| 30                                           | 1100                    | 97.8              | Y             | 1349632                  | 0                                      | 0                                          |
| 31                                           | OFF                     | OFF               | OFF           | OFF                      | OFF                                    | #VALUE!                                    |
| Monthly Cumulative % Off-Spec Water Produced |                         |                   |               |                          |                                        | 0                                          |

Signature:  Op Cert #: 039997 Date: June 2, 2005

| OHA - Drinking Water Services - Surface Water Quality Data Form |                      |         |       |             |        | WTP - :                                  | A   |
|-----------------------------------------------------------------|----------------------|---------|-------|-------------|--------|------------------------------------------|-----|
| System Name:                                                    | City of Myrtle Creek | ID#: 41 | 00550 | Month/Year: | May-25 | Disinfection <i>Giardia</i> 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 |
|------|-------|------------------------------------------------------------------------|------------------------|-----------|-------|-----|-------------|----------------------|----------------------------|
|      |       | [ppm or mg/L]                                                          | [minutes]              | C X T     | [° C] |     | formula     | Yes / No             | [GPM]                      |
| 1    | 5:22  | 0.83                                                                   | 83                     | 68.9      | 15.5  | 7.3 | 28.9        | YES                  | 1100                       |
| 2    | 12:15 | 0.95                                                                   | 83                     | 78.9      | 17.2  | 7.4 | 27.1        | YES                  | 1100                       |
| 3    | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 4    | 6:35  | 0.85                                                                   | 83                     | 70.6      | 16.3  | 7.3 | 27.4        | YES                  | 1100                       |
| 5    | 13:32 | 0.98                                                                   | 83                     | 81.2      | 16.1  | 7.3 | 28.2        | YES                  | 1100                       |
| 6    | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 7    | 4:56  | 0.87                                                                   | 83                     | 72.2      | 16.8  | 7.2 | 25.6        | YES                  | 1100                       |
| 8    | 7:38  | 1.01                                                                   | 83                     | 83.8      | 17.4  | 7.3 | 26.0        | YES                  | 1100                       |
| 9    | 6:54  | 0.96                                                                   | 83                     | 79.8      | 17.5  | 7.5 | 27.6        | YES                  | 1100                       |
| 10   | 19:56 | 0.90                                                                   | 83                     | 74.7      | 19.4  | 7.2 | 21.6        | YES                  | 1100                       |
| 11   | 4:55  | 1.09                                                                   | 83                     | 90.5      | 18.3  | 7.5 | 26.6        | YES                  | 1100                       |
| 12   | 7:49  | 0.95                                                                   | 83                     | 78.9      | 17.8  | 8.3 | 36.4        | YES                  | 1100                       |
| 13   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 14   | 7:30  | 0.88                                                                   | 83                     | 73.0      | 16.3  | 7.3 | 27.5        | YES                  | 1100                       |
| 15   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 16   | 7:20  | 0.79                                                                   | 83                     | 65.4      | 15.9  | 7.6 | 31.3        | YES                  | 1100                       |
| 17   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 18   | 7:17  | 0.78                                                                   | 83                     | 64.7      | 16.9  | 7.3 | 26.1        | YES                  | 1100                       |
| 19   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 20   | 7:05  | 0.80                                                                   | 83                     | 66.4      | 16.8  | 7.3 | 26.4        | YES                  | 1100                       |
| 21   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 22   | 8:18  | 0.81                                                                   | 83                     | 67.2      | 17.1  | 7.4 | 26.9        | YES                  | 1100                       |
| 23   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 24   | 4:45  | 0.67                                                                   | 83                     | 55.6      | 17.9  | 7.3 | 24.1        | YES                  | 1100                       |
| 25   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 26   | 8:02  | 1.00                                                                   | 83                     | 83.0      | 18.6  | 7.3 | 23.9        | YES                  | 1100                       |
| 27   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 28   | 5:36  | 0.83                                                                   | 83                     | 68.9      | 20.0  | 7.2 | 20.6        | YES                  | 1100                       |
| 29   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |
| 30   | 3:31  | 0.84                                                                   | 83                     | 69.7      | 20.6  | 7.5 | 22.1        | YES                  | 1100                       |
| 31   | OFF   | OFF                                                                    | 83                     | #VALUE!   | OFF   | OFF | #VALUE!     | #VALUE!              | OFF                        |

<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