County: Douglas

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

**System Name:** City of Myrtle Creek | **ID #:** 41-00550 | **WTP:** A | **Month/Year: Mar. 2025**

| DAY | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the Day 1 [NTU] | Peak Hourly Demand Flow [GPM] |
|---|---|---|---|---|---|---|---|---|
| 1 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2 | OFF | 0.043 | 0.040 | 0.037 | OFF | OFF | 0.043 | 900 |
| 3 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 4 | OFF | OFF | 0.028 | 0.028 | 0.027 | 0.026 | 0.028 | 900 |
| 5 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 6 | OFF | OFF | 0.035 | 0.028 | 0.028 | 0.028 | 0.035 | 900 |
| 7 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 8 | OFF | OFF | 0.041 | 0.038 | 0.040 | OFF | 0.041 | 900 |
| 9 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 10 | OFF | OFF | 0.028 | 0.029 | 0.043 | 0.042 | 0.043 | 900 |
| 11 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 12 | OFF | OFF | 0.028 | 0.027 | 0.043 | 0.039 | 0.039 | 900 |
| 13 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 14 | OFF | OFF | 0.041 | OFF | OFF | 0.028 | 0.041 | 900 |
| 15 | 0.029 | OFF | OFF | 0.029 | OFF | 0.028 | 0.029 | 900 |
| 16 | 0.042 | OFF | OFF | OFF | OFF | OFF | 0.042 | 700 |
| 17 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 18 | OFF | OFF | OFF | 0.046 | 0.041 | 0.038 | 0.046 | 700 |
| 19 | OFF | OFF | OFF | 0.029 | 0.029 | OFF | 0.029 | 700 |
| 20 | OFF | OFF | OFF | 0.029 | 0.042 | 0.044 | 0.044 | 900 |
| 21 | 0.044 | 0.041 | 0.040 | OFF | OFF | OFF | 0.044 | 900 |
| 22 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 23 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 24 | OFF | 0.030 | 0.028 | 0.030 | 0.028 | 0.028 | 0.030 | 900 |
| 25 | 0.028 | 0.029 | 0.028 | OFF | OFF | OFF | 0.029 | 900 |
| 26 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 27 | OFF | 0.032 | 0.031 | 0.040 | 0.029 | 0.028 | 0.040 | 900 |
| 28 | 0.030 | OFF | 0.039 | OFF | OFF | 0.043 | 0.043 | 900 |
| 29 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 30 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 31 | OFF | 0.044 | 0.041 | 0.043 | 0.042 | 0.044 | 0.044 | 900 |

**Conventional or Direct Filtration**

95% of the 4-hour turbidity readings ≤ 0.3 NTU? **Yes / No**
All the 4-hour turbidity readings < 1 NTU? **Yes / No**
All turbidity readings < IFE triggers? **Yes / No** 2

**OR**

**Slow Sand/Cartridge/Membrane/DE Filtration**

95% of turbidity readings < 1 NTU? **Yes** **No**
All turbidity readings < 5 NTU? **Yes** **No**

**Monthly UV Summary (Circle Yes or No)**

Is volume of off-spec water produced less than 5% in the month? **Yes / No**

**PRINTED NAME: Steve Ledbetter**

**SIGNATURE:** Steve Ledbetter **DATE: 04/01/2025**

**PHONE: 541-863-3171** **CERT #: 08622**

**Is there 4-log virus inactivation provided with ❑Chlorine; ❑Other** **Yes / No**

**CTViral: Required= 4**
**Achieved= 4**

1 Including continuous turbidity data, If applicable, for optimization recording purposes. Compliance values in columns "12 AM through

COUNTY: Douglas

## Oregon DHS - Drinking Water Program – Surface Water Quality Data

**System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: Mar 2025**

Minimum UVT [%] during month: 94.4 Duty sensor variation from reference sensor: 3.3 %

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] | [$^{mW}/_{cm2}$] | [ Y or N ] | [gal] | [gal] | **(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]** |
| 1 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 2 | 900 | 98.30 | Y | 783872 | 0 | 0 |
| 3 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 4 | 900 | 98.50 | Y | 936448 | 0 | 0 |
| 5 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 6 | 900 | 97.90 | Y | 808960 | 0 | 0 |
| 7 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 8 | 900 | 98.50 | Y | 761856 | 0 | 0 |
| 9 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 10 | 900 | 94.40 | Y | 934656 | 0 | 0 |
| 11 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 12 | 900 | 97.40 | Y | 788736 | 0 | 0 |
| 13 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 14 | 900 | 94.70 | Y | 812544 | 0 | 0 |
| 15 | 900 | 96.60 | Y | 380928 | 0 | 0 |
| 16 | 700 | 96.00 | Y | 120576 | 0 | 0 |
| 17 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 18 | 700 | 96.10 | Y | 410880 | 0 | 0 |
| 19 | 700 | 96.00 | Y | 478976 | 0 | 0 |
| 20 | 900 | 95.40 | Y | 755968 | 0 | 0 |
| 21 | 900 | 96.00 | Y | 758528 | 0 | 0 |
| 22 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 23 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 24 | 900 | 97.90 | Y | 1105664 | 0 | 0 |
| 25 | 900 | 97.50 | Y | 422595 | 0 | 0 |
| 26 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 27 | 900 | 97.80 | Y | 1151232 | 0 | 0 |
| 28 | 900 | 96.30 | Y | 388608 | 0 | 0 |
| 29 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 30 | OFF | OFF | Y | OFF | OFF | #VALUE! |
| 31 | 900 | 99.50 | Y | 1074944 | 0 | 0 |
| Monthly Cumulative % Off-Spec Water Produced | | | | | | #VALUE! |

Signature: _____ Op Cert #: 08622 Date: April 1, 2025

**OHA - Drinking Water Services - Surface Water Quality Data Form**

| WTP- : | A |
|---|---|
| Disinfection *Giardia* Log Inactiv: | 1.0 |

**System Name:** City of Myrtle Creek **ID#:** 41 00550 **Month/Year:** Mar-25

| Date | Time | Minimum $Cl_2$ Residual at 1st User ( **C** ) [3] | Contact Time (**T**) | Actual CT | Temp | pH | Required CT | CT Met? [3] | Peak Hourly Demand Flow |
|---|---|---|---|---|---|---|---|---|---|
| | | [ppm or mg/L] | [minutes] | **C X T** | [° C] | | formula | Yes / No | [GPM] |
| 1 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 2 | 14:34 | 1.29 | 83 | 107.1 | 11.1 | 7.2 | 39.8 | YES | 900 |
| 3 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 4 | 5:59 | 1.10 | 83 | 91.3 | 10.5 | 7.2 | 40.5 | YES | 900 |
| 5 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 6 | 7:38 | 1:26 | 83 | 88.0 | 10.8 | 7.3 | 40.9 | YES | 900 |
| 7 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 8 | 5:56 | 0.98 | 83 | 81.3 | 11.1 | 7.2 | 38.4 | YES | 900 |
| 9 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 10 | 7:45 | 0.98 | 83 | 81.3 | 10.2 | 7.3 | 42.2 | YES | 900 |
| 11 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 12 | 7:38 | 0.98 | 83 | 81.3 | 11.0 | 7.4 | 41.5 | YES | 900 |
| 13 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 14 | 2:06 | 0.99 | 83 | 82.2 | 9.3 | 7.3 | 44.8 | YES | 900 |
| 15 | 14:22 | 1.00 | 83 | 83.0 | 11.0 | 7.2 | 38.8 | YES | 900 |
| 16 | 12:46 | 1.01 | 83 | 83.8 | 10.3 | 7.3 | 42.1 | YES | 700 |
| 17 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 18 | 10:33 | 0.75 | 83 | 62.3 | 9.9 | 7.2 | 40.5 | YES | 700 |
| 19 | 11:07 | 1.30 | 83 | 107.9 | 9.6 | 7.2 | 43.9 | YES | 700 |
| 20 | 14:01 | 1.17 | 83 | 97.1 | 9.9 | 7.2 | 42.4 | YES | 900 |
| 21 | 8:00 | 1.06 | 83 | 88.0 | 9.6 | 7.2 | 42.8 | YES | 900 |
| 22 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 23 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 24 | 2:59 | 0.91 | 83 | 75.5 | 11.2 | 7.0 | 35.4 | YES | 900 |
| 25 | 7:41 | 1.15 | 83 | 95.5 | 11.5 | 7.1 | 36.9 | YES | 900 |
| 26 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 27 | 4:06 | 0.94 | 83 | 78.0 | 12.3 | 7.2 | 35.4 | YES | 900 |
| 28 | 10:06 | 0.73 | 83 | 60.6 | 11.6 | 7.2 | 36.2 | YES | 900 |
| 29 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 30 | OFF | OFF | 83 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | OFF |
| 31 | 4:20 | 0.83 | 83 | 68.9 | 10.7 | 7.2 | 38.8 | YES | 900 |

[3] If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013