

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Jackson**  
 Month/Year: **Sep-23**

Conventional or Direct Filtration

System Name: **Medford Water Commission** ID#: **41** **00513** WTP : EP - **B**

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the Day <sup>1</sup> [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|-----------------------------------------------|
| 1   | OFF         | 0.04       | 0.03       | 0.03       | 0.03       | OFF        | 0.04                                          |
| 2   | 0.03        | 0.03       | 0.04       | 0.03       | 0.04       | 0.04       | 0.04                                          |
| 3   | 0.04        | 0.04       | 0.03       | 0.04       | 0.03       | 0.04       | 0.04                                          |
| 4   | 0.03        | 0.03       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04                                          |
| 5   | 0.03        | 0.03       | 0.03       | 0.04       | 0.03       | 0.04       | 0.04                                          |
| 6   | 0.03        | 0.04       | 0.03       | 0.04       | 0.04       | 0.04       | 0.04                                          |
| 7   | 0.04        | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04                                          |
| 8   | 0.04        | 0.04       | 0.04       | 0.04       | 0.03       | 0.04       | 0.04                                          |
| 9   | 0.04        | 0.04       | 0.04       | 0.03       | 0.04       | 0.04       | 0.04                                          |
| 10  | 0.04        | 0.03       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04                                          |
| 11  | 0.04        | 0.04       | 0.04       | 0.04       | 0.03       | 0.04       | 0.04                                          |
| 12  | 0.04        | 0.04       | 0.03       | 0.04       | 0.05       | 0.05       | 0.05                                          |
| 13  | 0.04        | 0.04       | 0.03       | 0.04       | 0.04       | 0.04       | 0.05                                          |
| 14  | 0.04        | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.05                                          |
| 15  | 0.04        | 0.03       | 0.04       | 0.03       | 0.04       | 0.04       | 0.04                                          |
| 16  | 0.04        | 0.04       | 0.04       | 0.03       | 0.04       | 0.04       | 0.04                                          |
| 17  | 0.03        | 0.02       | 0.03       | 0.03       | 0.04       | 0.03       | 0.04                                          |
| 18  | 0.02        | 0.02       | 0.03       | 0.03       | 0.04       | 0.03       | 0.04                                          |
| 19  | 0.03        | 0.03       | 0.02       | 0.02       | 0.03       | 0.03       | 0.04                                          |
| 20  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.03                                          |
| 21  | 0.03        | 0.03       | 0.02       | 0.03       | 0.04       | 0.03       | 0.04                                          |
| 22  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.04                                          |
| 23  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.04                                          |
| 24  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.03                                          |
| 25  | 0.02        | 0.03       | 0.03       | 0.03       | 0.04       | 0.03       | 0.04                                          |
| 26  | 0.03        | 0.03       | 0.04       | OFF        | OFF        | OFF        | 0.04                                          |
| 27  | OFF         | OFF        | OFF        | 0.04       | 0.04       | 0.03       | 0.04                                          |
| 28  | OFF         | OFF        | OFF        | 0.04       | 0.03       | 0.03       | 0.05                                          |
| 29  | OFF         | OFF        | OFF        | OFF        | 0.04       | 0.03       | 0.04                                          |
| 30  | OFF         | OFF        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03                                          |
| 31  | N/A         | N/A        | N/A        | N/A        | N/A        | N/A        | N/A                                           |

| Conventional or Direct Filtration                             | Monthly Summary (Answer Yes or No)       |                                                        |
|---------------------------------------------------------------|------------------------------------------|--------------------------------------------------------|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? <b>Yes</b>        | CT's met everyday? (see back) <b>Yes</b> | All Cl2 residual at entry point ≥ 0.2 mg/l? <b>Yes</b> |
| All 4-hour turbidity readings ≤ 1 NTU? <b>Yes</b>             |                                          |                                                        |
| All turbidity readings < IFE <sup>2</sup> triggers <b>Yes</b> |                                          |                                                        |

|               |                                        |                        |
|---------------|----------------------------------------|------------------------|
| <b>Notes:</b> | <b>PRINTED NAME: Matt Severloh</b>     |                        |
|               | <b>SIGNATURE: <i>Matt Severloh</i></b> | <b>DATE: 10/3/2023</b> |
|               | <b>PHONE #: ( 541 ) 774-2743</b>       | <b>CERT #: 8480</b>    |

<sup>1</sup> Including continuous NTU 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 = Individ. Filter Effl. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : B

|                                       |         |       |                    |                                               |
|---------------------------------------|---------|-------|--------------------|-----------------------------------------------|
| System Name: Medford Water Commission | ID#: 41 | 00513 | Month/Year: Sep-23 | Disinfection <i>Giardia</i> Log Inactive: 0.5 |
|---------------------------------------|---------|-------|--------------------|-----------------------------------------------|

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup><br>[ppm or mg/L] | Contact Time (T)<br>[minutes] | Actual CT<br>C X T | Temp<br>[° C] | pH   | Required CT<br>formula | CT Met? <sup>3</sup><br>Yes / No | Peak Hourly Demand Flow<br>[GPM] |
|-------------|----------------------------------------------------------------------------------|-------------------------------|--------------------|---------------|------|------------------------|----------------------------------|----------------------------------|
| 1           | 0.94                                                                             | 137                           | 128.8              | 15            | 7.38 | 15.6                   | YES                              | 16667                            |
| 2           | 0.86                                                                             | 150                           | 129.0              | 15            | 7.34 | 15.2                   | YES                              | 15278                            |
| 3           | 0.84                                                                             | 137                           | 115.1              | 15            | 7.33 | 15.1                   | YES                              | 16667                            |
| 4           | 0.88                                                                             | 137                           | 120.6              | 15            | 7.33 | 15.2                   | YES                              | 16667                            |
| 5           | 0.89                                                                             | 124                           | 110.4              | 16.7          | 7.31 | 13.5                   | YES                              | 18750                            |
| 6           | 0.83                                                                             | 137                           | 113.7              | 16.1          | 7.32 | 14.0                   | YES                              | 16667                            |
| 7           | 0.86                                                                             | 137                           | 117.8              | 16.7          | 7.24 | 13.1                   | YES                              | 16667                            |
| 8           | 0.9                                                                              | 149                           | 134.1              | 15            | 7.29 | 15.0                   | YES                              | 16667                            |
| 9           | 0.82                                                                             | 132                           | 108.2              | 16.7          | 7.38 | 13.7                   | YES                              | 17361                            |
| 10          | 0.91                                                                             | 143                           | 130.1              | 13.9          | 7.34 | 16.5                   | YES                              | 15972                            |
| 11          | 0.89                                                                             | 115                           | 102.4              | 14.4          | 7.36 | 16.0                   | YES                              | 20139                            |
| 12          | 0.91                                                                             | 137                           | 124.7              | 15            | 7.33 | 15.2                   | YES                              | 16667                            |
| 13          | 0.89                                                                             | 115                           | 102.4              | 14.4          | 7.4  | 16.2                   | YES                              | 20139                            |
| 14          | 0.8                                                                              | 132                           | 105.6              | 16.7          | 7.33 | 13.4                   | YES                              | 17361                            |
| 15          | 0.92                                                                             | 112                           | 103.0              | 16.7          | 7.24 | 13.2                   | YES                              | 20833                            |
| 16          | 0.83                                                                             | 112                           | 93.0               | 16.1          | 7.32 | 14.0                   | YES                              | 20833                            |
| 17          | 0.86                                                                             | 132                           | 113.5              | 13.9          | 7.35 | 16.4                   | YES                              | 17361                            |
| 18          | 0.8                                                                              | 137                           | 109.6              | 15.6          | 7.33 | 14.5                   | YES                              | 16667                            |
| 19          | 0.84                                                                             | 137                           | 115.1              | 13.9          | 7.35 | 16.4                   | YES                              | 16667                            |
| 20          | 0.87                                                                             | 137                           | 119.2              | 15            | 7.38 | 15.5                   | YES                              | 16667                            |
| 21          | 0.9                                                                              | 156                           | 140.4              | 11.7          | 7.24 | 18.6                   | YES                              | 15972                            |
| 22          | 0.82                                                                             | 137                           | 112.3              | 13.3          | 7.21 | 16.2                   | YES                              | 16667                            |
| 23          | 0.88                                                                             | 143                           | 125.8              | 12.2          | 7.26 | 18.1                   | YES                              | 15972                            |
| 24          | 0.85                                                                             | 137                           | 116.5              | 12.2          | 7.34 | 18.5                   | YES                              | 16667                            |
| 25          | 0.81                                                                             | 183                           | 148.2              | 11.7          | 7.32 | 18.9                   | YES                              | 12500                            |
| 26          | 0.88                                                                             | 215                           | 189.2              | 11.7          | 7.35 | 19.2                   | YES                              | 10417                            |
| 27          | 0.87                                                                             | 133                           | 115.7              | 11.7          | 7.32 | 19.0                   | YES                              | 15972                            |
| 28          | 0.68                                                                             | 231                           | 157.1              | 13.3          | 7.28 | 16.3                   | YES                              | 9722                             |
| 29          | 0.7                                                                              | 215                           | 150.5              | 12.8          | 7.38 | 17.5                   | YES                              | 10417                            |
| 30          | 0.91                                                                             | 220                           | 200.2              | 12.8          | 7.27 | 17.3                   | YES                              | 11111                            |
| 31          | N/A                                                                              | N/A                           | N/A                | N/A           | N/A  | N/A                    | N/A                              | N/A                              |

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

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Return by 10th of following month by email, fax, or mail to:  
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350