

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Douglas**  
 Month/Year: **Dec-23**

Conventional or Direct Filtration

| System Name: | City of Roseburg |            | ID#: 41-00720 |            |            |            | WTP : TP -                                    | A |
|--------------|------------------|------------|---------------|------------|------------|------------|---|---|
| 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            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 2            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 3            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 4            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 5            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 6            | 0.03             | 0.03       | 0.30          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 7            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 8            | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 9            | 0.03             | 0.04       | 0.04          | 0.04       | 0.05       | 0.05       | 0.05  |   |
| 10           | 0.03             | 0.04       | 0.04          | 0.05       | 0.04       | 0.04       | 0.06  |   |
| 11           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 12           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.00       | 0.03  |   |
| 13           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 14           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 15           | 0.03             | 0.03       | 0.03          | 0.03       | 0.30       | 0.03       | 0.03  |   |
| 16           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 17           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 18           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 19           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 20           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 21           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 22           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 23           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 24           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 25           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 26           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 27           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 28           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 29           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 30           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |
| 31           | 0.03             | 0.03       | 0.03          | 0.03       | 0.03       | 0.03       | 0.03  |   |

|  |   |   |   |
|--|---|---|---|
| <b>Conventional or Direct Filtration</b>           |   | <b>Monthly Summary (Answer Yes or No)</b>                       |   |
| 95% of 4-hour turbidity readings ≤ 0.3 NTU?        | <input checked="" type="radio"/> Yes / <input type="radio"/> No | CT's met everyday?<br>(see back)                                | All Cl2 residual at entry point<br>≥ 0.2 mg/l?                  |
| All 4-hour turbidity readings ≤ 1 NTU?             | <input checked="" type="radio"/> Yes / <input type="radio"/> No | <input checked="" type="radio"/> Yes / <input type="radio"/> No | <input checked="" type="radio"/> Yes / <input type="radio"/> No |
| All turbidity readings < IFE <sup>2</sup> triggers | <input checked="" type="radio"/> Yes / <input type="radio"/> No |   |   |
| <b>Notes:</b>                                      |   | <b>PRINTED NAME: Andrew Albee</b>                               |   |
|  |   | <b>SIGNATURE: Andrew Albee</b>                                  | <b>DATE: 1/2/2024</b>   |
|  |   | <b>PHONE #: (541) 492-7032</b>                                  | <b>CERT #: 5221</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)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :

|              |                  |               |             |        |  |     |
|--------------|------------------|---------------|-------------|--------|--|-----|
| System Name: | City of Roseburg | ID#: 41-00720 | Month/Year: | Dec-23 | Disinfection <i>Giardia</i> Log Inactiv: | 0.5 |
|--------------|------------------|---------------|-------------|--------|--|-----|

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup> | Contact Time (T) | Actual CT    | Temp  | pH   | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|------------------|--------------|-------|------|-------------|----------------------|-------------------------|
|             | [ppm or mg/L]   | [minutes]        | <b>C X T</b> | [° C] |      | formula     | Yes / No             | [GPM]                   |
| 1           | 1.15  | 120.3            | 138.3        | 6.1   | 7.77 | 33.5        | Yes / No             | 3300                    |
| 2           | 1.15  | 121.5            | 139.8        | 6.7   | 7.77 | 32.2        | Yes                  | 3300                    |
| 3           | 0.95  | 109.8            | 104.3        | 8.3   | 7.73 | 27.8        | Yes                  | 3500                    |
| 4           | 1.15  | 112.2            | 129.0        | 9.4   | 7.46 | 24.0        | Yes                  | 3500                    |
| 5           | 1.22  | 126.7            | 154.5        | 9.4   | 7.58 | 25.2        | Yes                  | 3100                    |
| 6           | 1.22  | 117.2            | 143.0        | 10.0  | 7.61 | 24.5        | Yes                  | 3100                    |
| 7           | 1.19  | 112.7            | 134.1        | 8.9   | 7.56 | 25.8        | Yes                  | 3300                    |
| 8           | 1.19  | 119.0            | 141.6        | 8.3   | 7.46 | 25.9        | Yes                  | 3300                    |
| 9           | 1.21  | 121.4            | 146.9        | 7.8   | 7.38 | 26.1        | Yes                  | 3200                    |
| 10          | 1.17  | 129.5            | 151.5        | 7.8   | 7.43 | 26.5        | Yes                  | 3000                    |
| 11          | 1.12  | 130.9            | 146.6        | 8.3   | 7.46 | 25.7        | Yes                  | 3000                    |
| 12          | 1.14  | 121.5            | 138.5        | 8.9   | 7.46 | 24.8        | Yes                  | 3300                    |
| 13          | 1.16  | 119.0            | 138.0        | 8.3   | 7.47 | 25.9        | Yes                  | 3300                    |
| 14          | 1.16  | 120.3            | 139.5        | 7.8   | 7.47 | 26.8        | yes                  | 3300                    |
| 15          | 1.17  | 133.7            | 156.4        | 7.8   | 7.45 | 26.7        | Yes                  | 3000                    |
| 16          | 1.17  | 132.3            | 154.8        | 7.2   | 7.59 | 29.2        | yes                  | 3000                    |
| 17          | 1.18  | 141.7            | 167.3        | 6.7   | 7.58 | 30.1        | yes                  | 2800                    |
| 18          | 1.16  | 126.7            | 146.9        | 6.7   | 7.61 | 30.4        | Yes                  | 3100                    |
| 19          | 1.2   | 118.0            | 141.5        | 7.8   | 7.61 | 28.3        | Yes                  | 3400                    |
| 20          | 1.22  | 125.3            | 152.9        | 8.9   | 7.57 | 26.0        | Yes                  | 3100                    |
| 21          | 1.2   | 140.2            | 168.3        | 8.9   | 7.54 | 25.7        | Yes                  | 2800                    |
| 22          | 1.19  | 130.9            | 155.8        | 7.8   | 7.53 | 27.5        | Yes                  | 3000                    |
| 23          | 1.15  | 130.9            | 150.5        | 7.2   | 7.55 | 28.7        | Yes                  | 3000                    |
| 24          | 1.15  | 128.1            | 147.3        | 6.7   | 7.57 | 29.9        | Yes                  | 3000                    |
| 25          | 1.14  | 142.8            | 162.8        | 6.7   | 7.56 | 29.8        | Yes                  | 2750                    |
| 26          | 1.12  | 130.9            | 146.6        | 7.2   | 7.56 | 28.7        | Yes                  | 3000                    |
| 27          | 1.12  | 130.9            | 146.6        | 7.8   | 7.57 | 27.7        | Yes                  | 3000                    |
| 28          | 1.13  | 128.0            | 144.7        | 8.3   | 7.58 | 26.9        | yes                  | 3100                    |
| 29          | 1.12  | 126.7            | 141.9        | 8.3   | 7.57 | 26.8        | yes                  | 3100                    |
| 30          | 1.12  | 135.8            | 152.1        | 8.3   | 7.58 | 26.9        | Yes                  | 2800                    |
| 31          | 1.11  | 128.0            | 142.1        | 8.9   | 7.59 | 25.9        | Yes                  | 3100                    |

<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