

# OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Washington

## Conventional or Direct Filtration

| System Name: FOREST GROVE, CITY OF                                  |             |            | ID #: 4100305 WTP--WTP-A |   |            | Month/Year: Oct-23 |   |
|---|-------------|------------|--------------------------|---|------------|--------------------|---|
| 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   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 2   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 3   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 4   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 5   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 6   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 7   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 8   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 9   | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 10  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | off                | 0.02  |
| 11  | off         | off        | off                      | off   | off        | off                | off   |
| 12  | off         | off        | 0.03                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 13  | 0.02        | 0.02       | 0.02                     | 0.03  | 0.02       | 0.02               | 0.04  |
| 14  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.04       | 0.02               | 0.04  |
| 15  | 0.02        | 0.02       | 0.05                     | 0.04  | 0.05       | 0.03               | 0.27  |
| 16  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.03               | 0.03  |
| 17  | 0.03        | 0.03       | 0.02                     | 0.02  | 0.03       | 0.02               | 0.04  |
| 18  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 19  | 0.02        | 0.03       | 0.07                     | 0.02  | 0.02       | 0.02               | 0.10  |
| 20  | 0.02        | 0.02       | 0.03                     | 0.02  | 0.02       | 0.02               | 0.04  |
| 21  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 22  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 23  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 24  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.03  |
| 25  | 0.02        | 0.02       | 0.03                     | 0.04  | 0.03       | 0.03               | 0.04  |
| 26  | 0.03        | 0.03       | 0.02                     | 0.02  | 0.03       | 0.03               | 0.04  |
| 27  | 0.02        | 0.02       | 0.03                     | 0.02  | 0.02       | 0.02               | 0.04  |
| 28  | 0.02        | 0.02       | 0.02                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 29  | 0.02        | 0.03       | 0.03                     | 0.05  | 0.03       | 0.03               | 0.11  |
| 30  | 0.03        | 0.03       | 0.03                     | 0.02  | 0.02       | 0.02               | 0.02  |
| 31  | 0.02        | 0.02       | 0.02                     | 0.03  | 0.03       | 0.03               | 0.04  |
| Conventional or Direct Filtration                                   |             |            |                          | Monthly Summary (Answer Yes or No)  |            |                    |   |
| 95% of turbidity readings $\leq$ 0.3 NTU? <b>Yes</b> / No           |             |            |                          | CT's met everyday? All CL <sub>2</sub> residuals at entry point $\geq$ 0.2mg/l? |            |                    |   |
| All turbidity readings < 1 NTU? <b>Yes</b> / No                     |             |            |                          | (see back) <b>Yes</b> / No  |            |                    |   |
| All turbidity readings < IFE triggers? <b>Yes</b> / No <sup>2</sup> |             |            |                          | <b>Yes</b> / No   |            |                    |   |
| Notes:  |             |            |                          | Printed Name: <i>ANDREW SEWELL</i>  |            |                    |   |
|   |             |            |                          | Signature: <i>Andrew Sewell</i>   |            |                    | Date: 11/6/23                                 |
|   |             |            |                          | Phone #: (503) 992-3259   |            |                    | CERT #: 9171                                  |

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8PM" may not correspond to continuous readings' maximum.

<sup>2</sup> IFE - Individ. Filter Effl. (OAR 333-061-0040(e)(B&C))

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

| FOREST GROVE, CITY OF ID #: OR4100305 WTP-: WTP-A |  |                    |           |       |      | Month / Year | Oct-23                | Required Log<br>Inactivation: 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> | Maximum Reservoir Outflow         |
|   | [ppm or mg/l]  | minutes            | C x T     | [ C ] |      | Use tables   | Yes / No              | [GPM]                             |
| 1 / 8 am  | 0.81   | 245                | 198.9     | 15.90 | 7.31 | 15           | YES                   | 2053.00                           |
| 2 / 8 am  | 0.86   | 180                | 154.9     | 16.00 | 7.33 | 15           | YES                   | 2856.00                           |
| 3 / 8 am  | 1.07   | 200                | 214.1     | 15.00 | 7.31 | 15           | YES                   | 2484.00                           |
| 4 / 8 am  | 0.79   | 215                | 170.2     | 15.00 | 7.26 | 15           | YES                   | 2307.00                           |
| 5 / 8 am  | 0.81   | 219                | 177.6     | 15.00 | 7.19 | 15           | YES                   | 2203.00                           |
| 6 / 8 am  | 0.71   | 221                | 157.2     | 15.00 | 7.29 | 15           | YES                   | 2150.00                           |
| 7 / 8 am  | 0.75   | 256                | 192.0     | 15.30 | 7.33 | 15           | YES                   | 1887.00                           |
| 8 / 8 am  | 0.80   | 192                | 153.5     | 15.20 | 7.41 | 15           | YES                   | 2554.00                           |
| 9 / 8 am  | 0.77   | 233                | 179.2     | 15.50 | 7.31 | 15           | YES                   | 2090.00                           |
| 10 / 8 am   | 0.79   | 238                | 188.2     | 15.20 | 7.30 | 15           | YES                   | 2042.00                           |
| 11 / 8 am   | 0.82   | 677                | 555.5     | 15.20 | 7.17 | off          | YES                   | 744.00                            |
| 12 / 8 am   | 0.75   | 180                | 135.1     | 17.00 | 7.59 | 18           | YES                   | 2662.00                           |
| 13 / 8 am   | 0.74   | 248                | 183.4     | 15.20 | 7.18 | 15           | YES                   | 1949.00                           |
| 14 / 8 am   | 0.80   | 251                | 201.0     | 14.90 | 7.16 | 22           | YES                   | 2034.00                           |
| 15 / 8 am   | 0.74   | 239                | 177.0     | 14.90 | 7.17 | 22           | YES                   | 2092.00                           |
| 16 / 8 am   | 0.79   | 232                | 183.1     | 14.90 | 7.14 | 22           | YES                   | 2205.00                           |
| 17 / 8 am   | 0.77   | 180                | 138.7     | 14.90 | 7.18 | 22           | YES                   | 2642.00                           |
| 18 / 8 am   | 0.74   | 202                | 149.3     | 14.90 | 7.19 | 22           | YES                   | 2360.00                           |
| 19 / 8 am   | 0.78   | 187                | 146.2     | 14.80 | 7.13 | 22           | YES                   | 2633.00                           |
| 20 / 8 am   | 0.79   | 207                | 163.8     | 14.70 | 7.12 | 22           | YES                   | 2262.00                           |
| 21 / 8 am   | 0.68   | 231                | 157.0     | 14.70 | 7.15 | 22           | YES                   | 2046.00                           |
| 22 / 8 am   | 0.80   | 236                | 188.6     | 14.50 | 7.18 | 22           | YES                   | 2049.00                           |
| 23 / 8 am   | 0.71   | 205                | 145.7     | 14.80 | 7.26 | 22           | YES                   | 2337.00                           |
| 24 / 8 am   | 0.81   | 210                | 170.2     | 14.80 | 7.20 | 22           | YES                   | 2249.00                           |
| 25 / 8 am   | 0.72   | 207                | 149.1     | 14.10 | 7.21 | 22           | YES                   | 2316.00                           |
| 26 / 8 am   | 0.67   | 209                | 140.1     | 14.00 | 7.15 | 22           | YES                   | 2327.00                           |
| 27 / 8 am   | 0.77   | 247                | 190.3     | 13.10 | 7.03 | 22           | YES                   | 2068.00                           |
| 28 / 8 am   | 0.79   | 211                | 166.6     | 12.20 | 7.19 | 22           | YES                   | 2406.00                           |
| 29 / 8 am   | 0.81   | 214                | 173.5     | 12.00 | 7.19 | 22           | YES                   | 2419.00                           |
| 30 / 8 am   | 0.88   | 193                | 169.9     | 11.70 | 7.13 | 22           | YES                   | 2610.00                           |
| 31 / 8 am   | 0.92   | 215                | 197.9     | 11.00 | 7.18 | 22           | YES                   | 2278.00                           |

<sup>3</sup> If Cl<sub>2</sub> at entry point <0.2 mg/l, OR CT not met, notify DWP by end of next business day.