

# Oregon Health Authority Drinking Water Section

## Turbidity Monitoring Report Form

System Name: Yamhill, City of

ID#: OR4100968

Dec-24

| Day | 12AM<br>(NTU) | 4AM<br>(NTU) | 8AM<br>(NTU) | NOON<br>(NTU) | 4PM (NTU) | 8PM (NTU) | Highest (NTU) | Peak<br>Hourly<br>Flow<br>(GPM) |
|-----|---------------|--------------|--------------|---------------|-----------|-----------|---------------|---------------------------------|
| 1   | OFF           | OFF          | OFF          | 0.036         | 0.035     | OFF       | 0.036         | 408                             |
| 2   | OFF           | OFF          | 0.018        | 0.026         | 0.018     | 0.018     | 0.026         | 403                             |
| 3   | OFF           | OFF          | 0.029        | 0.024         | 0.043     | OFF       | 0.043         | 400                             |
| 4   | 0.031         | OFF          | 0.024        | 0.019         | OFF       | OFF       | 0.031         | 393                             |
| 5   | 0.016         | OFF          | 0.044        | 0.019         | OFF       | OFF       | 0.044         | 385                             |
| 6   | OFF           | OFF          | 0.031        | 0.026         | 0.018     | 0.017     | 0.031         | 402                             |
| 7   | OFF           | OFF          | 0.021        | 0.018         | 0.016     | OFF       | 0.021         | 387                             |
| 8   | OFF           | OFF          | 0.025        | 0.020         | 0.016     | OFF       | 0.025         | 391                             |
| 9   | OFF           | OFF          | 0.017        | 0.016         | 0.021     | OFF       | 0.021         | 395                             |
| 10  | OFF           | 0.018        | 0.028        | OFF           | 0.016     | OFF       | 0.028         | 406                             |
| 11  | OFF           | OFF          | 0.017        | 0.016         | 0.022     | OFF       | 0.022         | 380                             |
| 12  | OFF           | 0.016        | 0.029        | 0.019         | 0.016     | OFF       | 0.029         | 404                             |
| 13  | OFF           | OFF          | 0.034        | 0.030         | 0.025     | OFF       | 0.034         | 398                             |
| 14  | OFF           | OFF          | 0.015        | 0.017         | 0.023     | OFF       | 0.023         | 393                             |
| 15  | OFF           | OFF          | 0.022        | 0.020         | OFF       | OFF       | 0.022         | 382                             |
| 16  | 0.016         | OFF          | 0.018        | 0.016         | OFF       | OFF       | 0.018         | 401                             |
| 17  | OFF           | OFF          | 0.017        | 0.031         | 0.019     | OFF       | 0.031         | 387                             |
| 18  | OFF           | OFF          | 0.021        | 0.019         | 0.028     | 0.032     | 0.032         | 402                             |
| 19  | OFF           | 0.045        | 0.056        | 0.033         | OFF       | OFF       | 0.056         | 406                             |
| 20  | OFF           | OFF          | 0.025        | 0.020         | 0.015     | OFF       | 0.025         | 402                             |
| 21  | OFF           | OFF          | 0.016        | 0.016         | 0.019     | OFF       | 0.019         | 406                             |
| 22  | OFF           | OFF          | 0.021        | 0.020         | 0.016     | 0.016     | 0.021         | 405                             |
| 23  | OFF           | OFF          | 0.019        | 0.019         | OFF       | OFF       | 0.019         | 407                             |
| 24  | OFF           | OFF          | 0.023        | 0.019         | 0.020     | OFF       | 0.023         | 386                             |
| 25  | 0.016         | OFF          | 0.025        | 0.024         | 0.024     | OFF       | 0.025         | 401                             |
| 26  | OFF           | 0.021        | 0.022        | 0.016         | OFF       | OFF       | 0.022         | 405                             |
| 27  | OFF           | OFF          | 0.019        | 0.017         | 0.021     | OFF       | 0.021         | 373                             |
| 28  | OFF           | OFF          | 0.024        | 0.036         | 0.028     | OFF       | 0.036         | 370                             |
| 29  | OFF           | OFF          | 0.023        | 0.017         | 0.017     | 0.017     | 0.023         | 398                             |
| 30  | OFF           | OFF          | 0.022        | 0.017         | OFF       | OFF       | 0.022         | 389                             |
| 31  | OFF           | OFF          | 0.016        | 0.025         | 0.029     | OFF       | 0.029         | 399                             |

|   |   |   |  |
|---|---|---|--|
| <input checked="" type="checkbox"/> You are using a Slow Sand or Cartridge Filter   |   | <input type="checkbox"/> Monthly Summary                |  |
| 95% of Turbidity readings < MCL Yes / No<br>All Turbidity readings < 5 NTU Yes / No | CT's met every day: Yes / No<br>(see back of sheet) | CI residual at entry point<br>always ≥ .2 mg/l Yes / No | CI Residual measured in<br>95% of distribution<br>samples Yes / No |

MCL is 0.5 for conventional and direct filtration  
and 1.0 for slow sand and diatomaceous earth filters

Signature: Darrel Lockard

Date: 1/12/2025

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

**WTP: WTP-A**

**System Name: Yamhill, City of      ID#: OR4100968      Month/Year: Dec-24      Disinfection Giardia Log Inactiv:      0.500**

| Date / Time | 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]                   |
| 1/15:00     | 0.9                                   | 80.00            | 74.1         | 6.9   | 8.0 | 34.0        | YES                  | 404                     |
| 2/19:00     | 0.9                                   | 80.00            | 74.1         | 6.2   | 8.1 | 36.3        | YES                  | 401                     |
| 3/12:00     | 0.9                                   | 80.00            | 72.4         | 6.0   | 8.1 | 37.0        | YES                  | 376                     |
| 4/11:00     | 1.0                                   | 80.00            | 77.5         | 6.0   | 8.0 | 36.5        | YES                  | 382                     |
| 5/14:00     | 0.8                                   | 80.00            | 67.5         | 6.3   | 8.1 | 35.4        | YES                  | 381                     |
| 6/18:00     | 0.8                                   | 80.00            | 65.8         | 6.4   | 8.1 | 35.2        | YES                  | 399                     |
| 7/16:00     | 0.8                                   | 80.00            | 63.9         | 7.0   | 8.1 | 33.9        | YES                  | 385                     |
| 8/14:00     | 0.9                                   | 80.00            | 72.5         | 7.5   | 8.0 | 32.7        | YES                  | 374                     |
| 9/13:00     | 0.8                                   | 80.00            | 65.8         | 7.5   | 8.0 | 32.2        | YES                  | 393                     |
| 10/16:00    | 0.8                                   | 80.00            | 65.3         | 6.4   | 8.0 | 35.0        | YES                  | 381                     |
| 11/12:00    | 0.8                                   | 80.00            | 64.9         | 6.7   | 8.0 | 34.3        | YES                  | 378                     |
| 12/17:00    | 0.8                                   | 80.00            | 64.2         | 6.5   | 8.1 | 34.8        | YES                  | 389                     |
| 13/14:00    | 0.8                                   | 80.00            | 64.2         | 7.0   | 8.0 | 33.5        | YES                  | 397                     |
| 14/14:00    | 0.7                                   | 80.00            | 56.5         | 7.8   | 8.1 | 32.0        | YES                  | 392                     |
| 15/9:00     | 0.7                                   | 80.00            | 57.7         | 7.9   | 8.0 | 31.1        | YES                  | 380                     |
| 16/11:00    | 0.7                                   | 80.00            | 58.7         | 7.7   | 8.0 | 31.2        | YES                  | 382                     |
| 17/8:00     | 0.7                                   | 80.00            | 56.0         | 8.3   | 8.1 | 30.4        | YES                  | 383                     |
| 18/11:00    | 0.7                                   | 80.00            | 59.7         | 8.8   | 8.1 | 29.4        | YES                  | 384                     |
| 19/13:00    | 0.8                                   | 80.00            | 63.2         | 9.3   | 8.1 | 28.6        | YES                  | 378                     |
| 20/14:00    | 0.9                                   | 80.00            | 72.5         | 9.6   | 8.1 | 29.0        | YES                  | 400                     |
| 21/9:00     | 1.0                                   | 80.00            | 77.3         | 9.4   | 8.0 | 28.7        | YES                  | 386                     |
| 22/15:00    | 0.8                                   | 80.00            | 65.2         | 9.4   | 8.0 | 28.2        | YES                  | 349                     |
| 23/12:00    | 0.8                                   | 80.00            | 62.6         | 9.2   | 8.1 | 29.0        | YES                  | 407                     |
| 24/23:00    | 0.7                                   | 80.00            | 56.7         | 9.1   | 8.0 | 28.4        | YES                  | 386                     |
| 25/1:00     | 0.8                                   | 80.00            | 63.0         | 9.0   | 8.0 | 28.9        | YES                  | 390                     |
| 26/11:00    | 0.9                                   | 80.00            | 69.2         | 8.6   | 8.0 | 29.9        | YES                  | 388                     |
| 27/8:00     | 0.8                                   | 80.00            | 60.7         | 9.2   | 8.1 | 28.9        | YES                  | 380                     |
| 28/14:00    | 0.9                                   | 80.00            | 72.9         | 9.4   | 8.1 | 29.2        | YES                  | 376                     |
| 29/14:00    | 0.8                                   | 80.00            | 66.3         | 9.6   | 8.0 | 27.7        | YES                  | 382                     |
| 30/14:00    | 1.0                                   | 80.00            | 77.2         | 8.7   | 8.1 | 30.6        | YES                  | 379                     |
| 31/14:00    | 0.8                                   | 80.00            | 65.8         | 8.4   | 8.0 | 30.0        | YES                  | 369                     |

<sup>3</sup> If Cl2 at entry point < 0.2 mg/l or CT not met, DWS to be notified by end of next business day.

Revised October 2013