

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

System Name: City of Westfir

ID #: 41 00939

Month/Year: February 2025

| DAY | 12 AM (NTU) | 4 AM (NTU) | 8 AM (NTU) | NOON (NTU) | 4 PM (NTU) | 8 PM (NTU) | Highest Reading (NTU) | Peak Hourly Flow (GPM) |
|-----|-------------|------------|------------|------------|------------|------------|-----------------------|------------------------|
| 1   |             |            |            | .117       |            |            | .117                  | 200                    |
| 2   |             |            |            |            |            |            |                       | 200                    |
| 3   |             |            |            |            |            |            |                       | 200                    |
| 4   |             |            |            | .109       |            |            | .109                  | 200                    |
| 5   |             |            |            | .110       |            |            | .110                  | 200                    |
| 6   |             |            |            |            |            |            |                       | 200                    |
| 7   |             |            |            | .108       |            |            | .108                  | 200                    |
| 8   |             |            |            |            |            |            |                       | 200                    |
| 9   |             |            |            |            |            |            |                       | 200                    |
| 10  |             |            |            |            |            |            |                       | 200                    |
| 11  |             |            |            | .114       |            |            | .114                  | 200                    |
| 12  |             |            |            |            |            |            |                       | 200                    |
| 13  |             |            |            |            |            |            |                       | 200                    |
| 14  |             |            |            | .117       |            |            | .117                  | 200                    |
| 15  |             |            |            |            |            |            |                       | 200                    |
| 16  |             |            |            |            |            |            |                       | 200                    |
| 17  |             |            |            | .118       |            |            | .118                  | 200                    |
| 18  |             |            |            | .119       |            |            | .119                  | 200                    |
| 19  |             |            |            |            |            |            |                       | 200                    |
| 20  |             |            |            | .117       |            |            | .117                  | 200                    |
| 21  |             |            |            |            |            |            |                       | 200                    |
| 22  |             |            |            |            |            |            |                       | 200                    |
| 23  |             |            |            |            |            |            |                       | 200                    |
| 24  |             |            |            |            |            |            |                       | 200                    |
| 25  |             |            |            |            |            |            |                       | 200                    |
| 26  |             |            |            | .121       |            |            | .121                  | 200                    |
| 27  |             |            |            | .123       |            |            | .123                  | 200                    |
| 28  |             |            |            | .119       |            |            | .119                  | 200                    |
| 29  |             |            |            |            |            |            |                       | 200                    |
| 30  |             |            |            |            |            |            |                       | 200                    |
| 31  |             |            |            |            |            |            |                       | 200                    |

|  |          |   |   |   |
|--|----------|---|---|---|
| <b>Conventional or Direct Filtration</b>   |          | <b>Monthly Summary (Answer Yes or No)</b> |   |   |
| 95% of turbidity readings ≤ 0.3 NTU?       | Yes / No | CT's met everyday?<br>(see back)          | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? | Cl <sub>2</sub> residual measured in 95% of distribution samples? |
| All turbidity readings < 1 NTU?            | Yes / No | Yes / No                                  | Yes / No  | Yes / No  |
| All turbidity readings < IFE triggers?     | Yes / No |   |   |   |
| - OR -                                     |          | PRINTED NAME: Max Baker                   |   |   |
| Slow Sand/Cartridge/Membrane/DE Filtration |          | SIGNATURE: Max Baker                      | DATE: 3/10/25   |   |
| 95% of turbidity readings ≤ 1 NTU?         | Yes / No | PHONE #: (541) 782-3983 office            |   | CERT #: 08801 FE  |
| All turbidity readings < 5 NTU?            | Yes / No |   |   |   |

<sup>1</sup> IFE = Individual Filter Effluent

## OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year:

February 2025

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> 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]        | C X T     | [° C] |      | Use tables  | Yes / No             | [GPM]                   |
| 1/          | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 2/          | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 3/          | 0.5   | 385              | 192       | 8     | 7.03 | 42          | Yes                  | 200                     |
| 4/          | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 5/          | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 6/          | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 7/          | 0.5   | 385              | 192       | 8     | 7.03 | 42          | Yes                  | 200                     |
| 8/          | 0.5   | 385              | 192       | 8     | 7.02 | 42          | Yes                  | 200                     |
| 9/          | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 10/         | 0.5   | 385              | 192       | 8     | 7.02 | 42          | Yes                  | 200                     |
| 11/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 12/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 13/         | 0.5   | 385              | 192       | 8     | 7.02 | 42          | Yes                  | 200                     |
| 14/         | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 15/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 16/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 17/         | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 18/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 19/         | 0.5   | 385              | 192       | 8     | 7.02 | 42          | Yes                  | 200                     |
| 20/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 21/         | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 22/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 23/         | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 24/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 25/         | 0.5   | 385              | 192       | 8     | 7.01 | 42          | Yes                  | 200                     |
| 26/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 27/         | 0.5   | 385              | 192       | 8     | 7.02 | 42          | Yes                  | 200                     |
| 28/         | 0.5   | 385              | 192       | 8     | 7.00 | 35          | Yes                  | 200                     |
| 29/         |   | 385              |           |       |      |             |                      | 200                     |
| 30/         |   | 385              |           |       |      |             |                      | 200                     |
| 31/         |   | 385              |           |       |      |             |                      | 200                     |

<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.  
 Download form at: [www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-alt-unfiltered.pdf](http://www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-alt-unfiltered.pdf)



**TURBIDITY**

| DATE | MASTER METER | RAW  | FILT 1 | FILT 2  | FAC CLEAR WELL | NOTES |
|------|--------------|------|--------|---------|----------------|-------|
| 1    | 73894500     | .876 | .120   | offline | .117           |       |
| 2    | 73894500     |      |        |         |                |       |
| 3    | 73894500     |      |        |         |                |       |
| 4    | 73963000     | 1.12 | .154   |         | .109           |       |
| 5    | 74005700     | 1.26 | .146   |         | .110           |       |
| 6    | 74005100     |      |        |         |                |       |
| 7    | 74006600     | 1.91 | .148   |         | .108           |       |
| 8    | 74006800     |      |        |         |                |       |
| 9    | 74006800     |      |        |         |                |       |
| 10   | 74006600     |      |        |         |                |       |
| 11   | 74019300     | .921 | .176   |         | .114           |       |
| 12   | 74019300     |      |        |         |                |       |
| 13   | 74019300     |      |        |         |                |       |
| 14   | 74039600     | .906 | .142   |         | .117           |       |
| 15   | 74039600     |      |        |         |                |       |
| 16   | 74039600     |      |        |         |                |       |
| 17   | 74085000     | 1.32 | .254   |         | .118           |       |
| 18   | 74125400     | 1.56 | .256   |         | .119           |       |
| 19   | 74125400     |      |        |         |                |       |
| 20   | 74152900     | 1.17 | .213   |         | .117           |       |
| 21   | 74193700     |      |        |         |                |       |
| 22   | 74257200     |      |        |         |                |       |
| 23   | 74257200     |      |        |         |                |       |
| 24   | 74257200     |      |        |         |                |       |
| 25   | 74257200     |      |        |         |                |       |
| 26   | 74292200     | 1.91 | .128   |         | .121           |       |
| 27   | 74310700     | 1.74 | .124   |         | .123           |       |
| 28   | 74331800     | 1.56 | .123   | ✓       | .119           |       |
| 29   |              |      |        |         |                |       |
| 30   |              |      |        |         |                |       |
| 31   |              |      |        |         |                |       |

|                          |             |               |               |
|--------------------------|-------------|---------------|---------------|
| <b>Turbidity Totals:</b> | <u>Raw</u>  | <u>Filt 1</u> | <u>Filt 2</u> |
|                          | 1545        | 199           | 6             |
| <b>Averages:</b>         | <u>1.29</u> | <u>.166</u>   | <u>.5</u>     |
| <b>Turbidity High:</b>   | <u>1.91</u> | <u>.256</u>   | <u>0</u>      |
| <b>Ranges Low:</b>       | <u>.806</u> | <u>.120</u>   | <u>0</u>      |

**Production**

Meter Reading End of This Month: 74331800  
 Meter Reading End of Last Month: 73824000  
 Monthly Production: 502,800 gallons  
 Average Daily Production: 17,967 gallons/day