

Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: January 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 | | | | .141 | | | .141 | 200 |
| 2 | | | | .136 | | | .136 | 200 |
| 3 | | | | .138 | | | .138 | 200 |
| 4 | | | | .130 | | | .130 | 200 |
| 5 | | | | .132 | | | .132 | 200 |
| 6 | | | | .128 | | | .128 | 200 |
| 7 | | | | .123 | | | .123 | 200 |
| 8 | | | | .118 | | | .118 | 200 |
| 9 | | | | .116 | | | .116 | 200 |
| 10 | | | | .118 | | | .118 | 200 |
| 11 | | | | .119 | | | .119 | 200 |
| 12 | | | | .119 | | | .119 | 200 |
| 13 | | | | .121 | | | .121 | 200 |
| 14 | | | | .121 | | | .121 | 200 |
| 15 | | | | .119 | | | .119 | 200 |
| 16 | | | | .116 | | | .116 | 200 |
| 17 | | | | .114 | | | .114 | 200 |
| 18 | | | | .098 | | | .098 | 200 |
| 19 | | | | .101 | | | .101 | 200 |
| 20 | | | | .103 | | | .103 | 200 |
| 21 | | | | .100 | | | .100 | 200 |
| 22 | | | | .102 | | | .102 | 200 |
| 23 | | | | .102 | | | .102 | 200 |
| 24 | | | | .104 | | | .104 | 200 |
| 25 | | | | | | | | 200 |
| 26 | | | | | | | | 200 |
| 27 | | | | | | | | 200 |
| 28 | | | | | | | | 200 |
| 29 | | | | | | | | 200 |
| 30 | | | | | | | | 200 |
| 31 | | | | | | | | 200 |

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

IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

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

January 2025

| Date / Time | Minimum Cl ₂ Residual at 1 st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|-------|------|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | Use tables | Yes / No | [GPM] |
| 1/ | 0.4 | 385 | 153 | 8 | 7.00 | 35 | Yes | 200 |
| 2/ | 0.4 | 385 | 153 | 8 | 7.01 | 42 | Yes | 200 |
| 3/ | 0.4 | 385 | 153 | 8 | 7.00 | 35 | Yes | 200 |
| 4/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |
| 5/ | 0.5 | 385 | 192 | 8 | 7.03 | 42 | Yes | 200 |
| 6/ | 0.5 | 385 | 192 | 8 | 7.06 | 42 | Yes | 200 |
| 7/ | 0.5 | 385 | 192 | 8 | 7.07 | 42 | Yes | 200 |
| 8/ | 0.5 | 385 | 192 | 8 | 7.04 | 42 | Yes | 200 |
| 9/ | 0.5 | 385 | 192 | 8 | 7.08 | 42 | Yes | 200 |
| 10/ | 0.5 | 385 | 192 | 8 | 7.05 | 42 | Yes | 200 |
| 11/ | 0.4 | 385 | 153 | 8 | 7.04 | 42 | Yes | 200 |
| 12/ | 0.4 | 385 | 153 | 8 | 7.00 | 35 | Yes | 200 |
| 13/ | 0.4 | 385 | 153 | 8 | 7.02 | 42 | Yes | 200 |
| 14/ | 0.5 | 385 | 192 | 8 | 7.01 | 42 | Yes | 200 |
| 15/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |
| 16/ | 0.5 | 385 | 192 | 8 | 7.03 | 42 | 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 | 7.02 | 42 | Yes | 200 |
| 24/ | 0.5 | 385 | 192 | 8 | 7.00 | 35 | Yes | 200 |
| 25/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |
| 26/ | 0.5 | 385 | 192 | 8 | 7.00 | 35 | Yes | 200 |
| 27/ | 0.5 | 385 | 192 | 8 | 7.01 | 42 | Yes | 200 |
| 28/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |
| 29/ | 0.5 | 385 | 192 | 8 | 7.00 | 35 | Yes | 200 |
| 30/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |
| 31/ | 0.5 | 385 | 192 | 8 | 7.02 | 42 | Yes | 200 |

³ If Cl₂ 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

| TURBIDITY | | | | | | |
|-----------|--------------|-------|--------|---------|----------------|-------|
| DATE | MASTER METER | RAW | FILT 1 | FILT 2 | FAC CLEAR WELL | NOTES |
| 1 | 73111800 | 3.24 | .253 | offline | .141 | |
| 2 | 73111800 | 3.31 | .242 | | .136 | |
| 3 | 73111800 | 3.60 | .233 | | .138 | |
| 4 | 73111800 | 3.52 | .216 | | .130 | |
| 5 | 73111800 | 2.94 | .204 | | .132 | |
| 6 | 73111800 | 2.63 | .184 | | .128 | |
| 7 | 73242300 | 2.41 | .187 | | .123 | |
| 8 | 73348500 | 2.34 | .172 | | .118 | |
| 9 | 73348500 | | | | .116 | |
| 10 | 73348500 | | | | .118 | |
| 11 | 73348500 | | | | .119 | |
| 12 | 73348500 | | | | | |
| 13 | 73474400 | 1.96 | .216 | | .119 | |
| 14 | 73474400 | | | | .121 | |
| 15 | 73474400 | | | | .121 | |
| 16 | 73546200 | 1.76 | .201 | | .119 | |
| 17 | 73546200 | | | | | |
| 18 | 73546200 | | | | | |
| 19 | 73608300 | 1.24 | .167 | | .116 | |
| 20 | 73618700 | 1.21 | .161 | | .114 | |
| 21 | 73618700 | | | | | |
| 22 | 73635600 | 1.932 | .150 | | .098 | |
| 23 | 73689200 | 1.846 | .147 | | .101 | |
| 24 | 73689200 | | | | | |
| 25 | 73689200 | | | | | |
| 26 | 73757600 | 1.21 | .136 | | .103 | |
| 27 | 73757600 | | | | | |
| 28 | 73768400 | .643 | .121 | | .100 | |
| 29 | 73825400 | .621 | .117 | | .102 | |
| 30 | 73825400 | .601 | .114 | | .102 | |
| 31 | 73829000 | .637 | .117 | ✓ | .104 | |

| | | | |
|--------------------------|--------------|---------------|----------------|
| | Raw | Filt 1 | Filt 2 |
| Turbidity Totals: | <u>35.21</u> | <u>3.35</u> | <u>offline</u> |
| Averages: | <u>1.14</u> | <u>.108</u> | <u> </u> |
| Turbidity High: | <u>3.60</u> | <u>.253</u> | <u> </u> |
| Ranges Low: | <u>.601</u> | <u>.114</u> | <u> </u> |

Production

Meter Reading End of This Month: 73829000

Meter Reading End of Last Month: 73111800

Monthly Production: 717,200 gallons

Average Daily Production: 23,135 gallons/day

Water System City of Westfir Date January 2025 Water Supt. Max Baker
 Source of Water N/E Willamette river No. of Services 131 Population Served 250
 Chlorine Product Used Sodium Hypochlorite Strength as Fed 12.5% Make & Type of Chlorinator Chem-Led C-630-P
OR# 4100939

| Day of Month | Master Meter Reading Gallons | Daily Water Production | Chlorine Used Gallons | FREE CHLORINE RESIDUAL TEST | | | | | REMARKS Shown below, by date, any unusual occurrences affecting chlorination or operation of the water system; also addresses of random points. |
|--------------|------------------------------|------------------------|-----------------------|-----------------------------|-------|-------|-------|-------|--|
| | | | | Test Method | | | | | |
| | | | | 1. Contact Chamber _____ | | | | | |
| | | | | 2. _____ | | | | | |
| | | | | 3. _____ | | | | | |
| | | | | 4. _____ | | | | | |
| | | | | 5. Random Point _____ | | | | | |
| | | | | SP#1 | SP #2 | SP #3 | SP #4 | SP #5 | |
| | | | | ppm | ppm | ppm | ppm | ppm | |
| 1 | 7311800 | 0 | 2.98 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 2 | 7311800 | 0 | 0 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 3 | 7311800 | 0 | 0 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 4 | 7311800 | 0 | 0 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 5 | 7311800 | 0 | 0 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 6 | 7311800 | 0 | 0 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 7 | 73242300 | 130500 | 2.86 | 0.8 | 0.5 | 0.4 | 0.4 | 0.5 | |
| 8 | 73348500 | 106200 | 96 | 0.8 | 0.5 | 0.4 | 0.4 | 0.5 | |
| 9 | 73348500 | 0 | 0 | 0.8 | 0.5 | 0.4 | 0.4 | 0.5 | |
| 10 | 73348500 | 0 | 0 | 0.8 | 0.5 | 0.4 | 0.4 | 0.5 | |
| 11 | 73348500 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | |
| 12 | 73348500 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | |
| 13 | 73474400 | 125900 | 96 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | |
| 14 | 73474400 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 15 | 73474400 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 16 | 73546200 | 71800 | 84 | 0.8 | 0.5 | 0.4 | 0.4 | 0.5 | |
| 17 | 73546200 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 18 | 73546200 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 19 | 73608300 | 62100 | 1.31 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 20 | 73618700 | 10400 | 1.2 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 21 | 73618700 | 0 | 0 | 0.9 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 22 | 73635600 | 16900 | 1.2 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 23 | 73689200 | 52000 | 4.8 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 24 | 73689200 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 25 | 73689200 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 26 | 73757600 | 74700 | 4.8 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 27 | 73757600 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 28 | 73768400 | 10800 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 29 | 73825400 | 57000 | 4.08 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 30 | 73825400 | 0 | 0 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |
| 31 | 73829000 | 3800 | 2.04 | 0.8 | 0.4 | 0.4 | 0.4 | 0.5 | |