

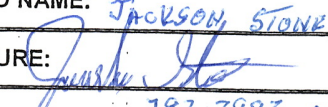
Oregon DHS - Drinking Water Program – Turbidity Monitoring Report Form

System Name: City of Westfir

ID #: 41 00939

Month/Year: Aug 2021

| 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 | | | | .200 | | | .200 | 200 |
| 2 | | | | .180 | | | .180 | 200 |
| 3 | | | | .178 | | | .178 | 200 |
| 4 | | | | .167 | | | .167 | 200 |
| 5 | | | | .163 | | | .163 | 200 |
| 6 | | | | .171 | | | .171 | 200 |
| 7 | | | | .245 | | | .245 | 200 |
| 8 | | | | .247 | | | .247 | 200 |
| 9 | | | | .166 | | | .166 | 200 |
| 10 | | | | .174 | | | .174 | 200 |
| 11 | | | | .181 | | | .181 | 200 |
| 12 | | | | .167 | | | .167 | 200 |
| 13 | | | | .176 | | | .176 | 200 |
| 14 | | | | .151 | | | .151 | 200 |
| 15 | | | | .192 | | | .192 | 200 |
| 16 | | | | .160 | | | .160 | 200 |
| 17 | | | | .151 | | | .151 | 200 |
| 18 | | | | .180 | | | .180 | 200 |
| 19 | | | | .280 | | | .280 | 200 |
| 20 | | | | .269 | | | .269 | 200 |
| 21 | | | | .126 | | | .126 | 200 |
| 22 | | | | .182 | | | .182 | 200 |
| 23 | | | | .174 | | | .174 | 200 |
| 24 | | | | .166 | | | .166 | 200 |
| 25 | | | | .141 | | | .141 | 200 |
| 26 | | | | .121 | | | .121 | 200 |
| 27 | | | | .133 | | | .133 | 200 |
| 28 | | | | .118 | | | .118 | 200 |
| 29 | | | | .125 | | | .125 | 200 |
| 30 | | | | .138 | | | .138 | 200 |
| 31 | | | | .133 | | | .133 | 200 |

| | | | |
|--|---|---|---|
| Conventional or Direct Filtration | Monthly Summary (Answer Yes or No) | | |
| 95% of turbidity readings ≤ 0.3 NTU? <input 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 type="checkbox"/> Yes / <input type="checkbox"/> No | | | |
| All turbidity readings < IFE triggers? <input type="checkbox"/> Yes / <input type="checkbox"/> No ¹ | | | |
| - OR - | PRINTED NAME: JACOBSON, STONE | | |
| <input checked="" type="checkbox"/> Slow Sand/Cartridge/Membrane/DE Filtration | SIGNATURE:  | DATE: 9-3-2021 | |
| 95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No | PHONE #: (541) 782-3983 OFFICE 554-8660 CELL | CERT #: D08839 T08840 | |
| All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No | | | |

¹ IFE = Individual Filter Effluent

OHA - Drinking Water Program – Surface Water Quality Data Form

WESTFIR, CITY OF ID #: OR4100939 WTP-: WTP-A Month/Year: Aug 2021

| 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 / | 0.6 | 385 | 231 | 24 ^o | 7.19 | 14 | Yes | 200 |
| 2 / | 0.7 | 385 | 269 | 24 ^o | 7.23 | 14 | Yes | 200 |
| 3 / | 0.7 | 385 | 269 | 24 ^o | 7.16 | 14 | Yes | 200 |
| 4 / | 0.6 | 385 | 231 | 25 ^o | 7.21 | 14 | Yes | 200 |
| 5 / | 0.7 | 385 | 269 | 24 ^o | 7.17 | 14 | Yes | 200 |
| 6 / | 0.6 | 385 | 231 | 24 ^o | 7.11 | 14 | Yes | 200 |
| 7 / | 0.7 | 385 | 269 | 24 ^o | 7.28 | 14 | Yes | 200 |
| 8 / | 0.7 | 385 | 269 | 24 ^o | 7.27 | 14 | Yes | 200 |
| 9 / | 0.8 | 385 | 308 | 24 ^o | 7.21 | 15 | Yes | 200 |
| 10 / | 0.7 | 385 | 269 | 25 ^o | 7.17 | 14 | Yes | 200 |
| 11 / | 0.7 | 385 | 269 | 25 ^o | 7.22 | 14 | Yes | 200 |
| 12 / | 0.6 | 385 | 231 | 26 ^o | 7.13 | 14 | Yes | 200 |
| 13 / | 0.6 | 385 | 231 | 25 ^o | 7.19 | 14 | Yes | 200 |
| 14 / | 0.7 | 385 | 269 | 25 ^o | 7.28 | 14 | Yes | 200 |
| 15 / | 0.7 | 385 | 269 | 24 ^o | 7.28 | 14 | Yes | 200 |
| 16 / | 0.7 | 385 | 269 | 25 ^o | 7.14 | 14 | Yes | 200 |
| 17 / | 0.6 | 385 | 231 | 25 ^o | 7.07 | 14 | Yes | 200 |
| 18 / | 0.6 | 385 | 231 | 24 ^o | 6.97 | 12 | Yes | 200 |
| 19 / | 0.6 | 385 | 231 | 24 ^o | 7.04 | 14 | Yes | 200 |
| 20 / | 0.6 | 385 | 231 | 24 ^o | 6.48 | 10 | Yes | 200 |
| 21 / | 0.6 | 385 | 231 | 23 ^o | 7.07 | 14 | Yes | 200 |
| 22 / | 0.7 | 385 | 269 | 22 ^o | 6.98 | 12 | Yes | 200 |
| 23 / | 0.6 | 385 | 231 | 24 ^o | 6.95 | 12 | Yes | 200 |
| 24 / | 0.6 | 385 | 231 | 24 ^o | 6.79 | 12 | Yes | 200 |
| 25 / | 0.6 | 385 | 231 | 22 ^o | 6.87 | 12 | Yes | 200 |
| 26 / | 0.7 | 385 | 269 | 21 ^o | 7.09 | 14 | Yes | 200 |
| 27 / | 0.7 | 385 | 269 | 22 ^o | 7.02 | 14 | Yes | 200 |
| 28 / | 0.7 | 385 | 269 | 21 ^o | 7.18 | 14 | Yes | 200 |
| 29 / | 0.7 | 385 | 269 | 21 ^o | 7.15 | 14 | Yes | 200 |
| 30 / | 0.6 | 385 | 231 | 21 ^o | 7.11 | 14 | Yes | 200 |
| 31 / | 0.7 | 385 | 269 | 21 ^o | 7.08 | 14 | Yes | 200 |

³If Cl₂ at entry point < 0.2 mg/l OR CT not met, notify DWP by end of next business day.

Water System CITY OF WESTFIR

Date AUG 2021

Water Supt. JACKSON STONE

Source of Water N/E WILLAMETTE RIVER

No. of Services 131

Population Served 250

Chlorine Product Used SOLIDUM HYPOCHLORITE Strength as Fed 12.5 %

Make & Type of Chlorinator CHEM FEED - 6630 P

| 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 <u>NOTE * 1ST SERVICE</u> | | | | | |
| | | | | SP#1 | SP #2 | SP #3 | SP #4 | SP #5 | |
| | | | | ppm | ppm | ppm | ppm | ppm | |
| 1 | 29022900 | 65,900 | .72 | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 | |
| 2 | 29093100 | 70,200 | .72 | 0.9 | 0.5 | 0.6 | 0.6 | 0.7 | |
| 3 | 29151200 | 58,100 | .60 | 0.9 | 0.5 | 0.5 | 0.7 | 0.7 | |
| 4 | 29207900 | 56,700 | .36 | 1.0 | 0.6 | 0.5 | 0.6 | 0.6 | |
| 5 | 29244400 | 36,500 | .60 | 0.9 | 0.5 | 0.6 | 0.6 | 0.7 | |
| 6 | 29307500 | 63,100 | .60 | 0.9 | 0.5 | 0.5 | 0.6 | 0.6 | |
| 7 | 29354600 | 47,100 | .60 | 0.9 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 8 | 29401300 | 46,700 | .60 | 1.0 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 9 | 29458500 | 57,200 | .72 | 1.0 | 0.6 | 0.6 | 0.7 | 0.8 | |
| 10 | 29506400 | 47,900 | .60 | 0.9 | 0.5 | 0.6 | 0.6 | 0.7 | |
| 11 | 29576800 | 70,400 | .84 | 0.9 | 0.5 | 0.5 | 0.6 | 0.7 | |
| 12 | 29644300 | 67,500 | .72 | 1.0 | 0.5 | 0.5 | 0.6 | 0.6 | |
| 13 | 29706700 | 62,400 | .72 | 0.9 | 0.5 | 0.6 | 0.8 | 0.6 | |
| 14 | 29760000 | 53,300 | .24 | 0.9 | 0.5 | 0.6 | 0.7 | 0.7 | |
| 15 | 29787500 | 27,500 | .60 | 0.9 | 0.6 | 0.5 | 0.7 | 0.7 | |
| 16 | 29857200 | 69,700 | .48 | 0.8 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 17 | 29894800 | 37,600 | .48 | 0.9 | 0.6 | 0.5 | 0.7 | 0.6 | |
| 18 | 29939200 | 44,400 | .48 | 0.9 | 0.5 | 0.5 | 0.6 | 0.6 | |
| 19 | 29972000 | 32,800 | .36 | 0.8 | 0.5 | 0.5 | 0.5 | 0.6 | |
| 20 | 30029600 | 57,600 | .48 | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 | |
| 21 | 30064500 | 34,900 | .72 | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 | |
| 22 | 30117600 | 53,100 | .84 | 0.9 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 23 | 30181600 | 64,000 | .72 | 0.8 | 0.6 | 0.4 | 0.6 | 0.6 | |
| 24 | 30233100 | 51,500 | .36 | 1.0 | 0.6 | 0.4 | 0.6 | 0.6 | |
| 25 | 30267100 | 34,000 | .72 | 1.0 | 0.6 | 0.4 | 0.7 | 0.6 | |
| 26 | 30312600 | 45,500 | .72 | 1.0 | 0.6 | 0.4 | 0.7 | 0.7 | |
| 27 | 30364000 | 57,400 | .24 | 0.9 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 28 | 30387400 | 23,400 | .36 | 0.9 | 0.6 | 0.5 | 0.6 | 0.7 | |
| 29 | 30437700 | 50,300 | .72 | 0.8 | 0.6 | 0.4 | 0.7 | 0.7 | |
| 30 | 30508700 | 71,000 | .36 | 0.8 | 0.5 | 0.4 | 0.6 | 0.6 | |
| 31 | 3055395 | 30,800 | .60 | 0.9 | 0.5 | 0.5 | 0.6 | 0.7 | |
| | | | | | | | | | 0" Total Rain Fall |

OR# 4100939

| TURBIDITY | | | | | | |
|-----------|--------------|------|--------|--------|----------------|-----------------------|
| DATE | MASTER METER | RAW | FILT 1 | FILT 2 | FAC CLEAR WELL | NOTES |
| 1 | 29022900 | .342 | .176 | .140 | .120 | |
| 2 | 29093100 | .355 | .167 | .146 | .160 | |
| 3 | 29151200 | .381 | .156 | Ø | .170 | # 29.5. OFF LINE |
| 4 | 29207900 | .401 | .149 | Ø | .170 | |
| 5 | 29244400 | .424 | .145 | Ø | .160 | |
| 6 | 29307500 | .322 | .149 | Ø | .200 | |
| 7 | 29354600 | .440 | .161 | Ø | .150 | |
| 8 | 29401300 | .418 | .266 | Ø | .240 | |
| 9 | 29453500 | .381 | .181 | Ø | .150 | |
| 10 | 29506400 | .407 | .169 | Ø | .180 | |
| 11 | 29576300 | .351 | .171 | Ø | .190 | |
| 12 | 29644300 | .310 | .176 | Ø | .150 | |
| 13 | 29706700 | .333 | .171 | Ø | .160 | |
| 14 | 29760000 | .405 | .145 | Ø | .180 | |
| 15 | 29787500 | .393 | .138 | Ø | .180 | |
| 16 | 29857200 | .407 | .144 | Ø | .160 | |
| 17 | 29894800 | .394 | .141 | Ø | .150 | |
| 18 | 29939200 | .349 | .117 | Ø | .190 | |
| 19 | 29972000 | .418 | .125 | .441 | .190 | # 2 S.F. BACK ON LINE |
| 20 | 30029600 | .502 | .135 | .308 | .140 | |
| 21 | 30064500 | .281 | .182 | .127 | .140 | |
| 22 | 30117600 | .323 | .122 | .144 | .110 | |
| 23 | 30181600 | .341 | .129 | .147 | .130 | |
| 24 | 30233100 | .337 | .124 | .143 | .130 | |
| 25 | 30267100 | .371 | .113 | .165 | .140 | |
| 26 | 30312600 | .319 | .203 | .168 | .140 | |
| 27 | 30364000 | .341 | .171 | .149 | .110 | |
| 28 | 30387400 | .254 | .136 | .131 | .110 | |
| 29 | 30437700 | .305 | .167 | .174 | .120 | |
| 30 | 30508700 | .331 | .171 | .169 | .120 | |
| 31 | 30539500 | .321 | .159 | .148 | .110 | |

Turbidity Totals: Raw Filt 1 Filt 2
11.203 4.359 2.414
 Averages: .361 .157 .186

Turbidity High: .502 .266 .441
 Ranges Low: .254 .113 .127

Production

Meter Reading End of This Month: 30,539,500
 Meter Reading End of Last Month: 28,957,000
 Monthly Production: 1,582,500 gallons
 Average Daily Production: 54,048 gallons/day