

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: | | Mar-21 |
|---|-------------|--------------------------|------------|--|-------------|------------|---|
| Day | 12 AM (NTU) | 4 AM (NTU) | 8 AM (NTU) | NOON (NTU) | 4 PM (NTU) | 8 PM (NTU) | Highest Reading of the day ¹ (NTU) |
| 1 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 2 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 3 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 4 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.15 | 0.02 |
| 5 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.02 | 0.02 |
| 6 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 |
| 7 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 |
| 8 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 |
| 9 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 10 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 11 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 12 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 13 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.06 |
| 14 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 |
| 15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 16 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 |
| 17 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 |
| 18 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.03 |
| 19 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 20 | 0.02 | 0.01 | 0.01 | 0.01 | 0.03 | 0.01 | 0.03 |
| 21 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.23 |
| 22 | 0.19 | 0.10 | 0.03 | 0.02 | 0.02 | 0.02 | 0.19 |
| 23 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 24 | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 0.13 | 0.15 |
| 25 | 0.09 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.08 |
| 26 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 |
| 27 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 28 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 29 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 |
| 30 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 31 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| <u>Conventional</u> or Direct Filtration | | | | Monthly Summary (Answer Yes or No) | | | |
| 95% of turbidity readings \leq 0.3 NTU? <u>Yes</u> / No | | | | CT's met everyday? <u>Yes</u> / No | | | |
| All turbidity readings < 1 NTU? <u>Yes</u> / No | | | | All CL ₂ residuals at entry point \geq 0.2mg/l? <u>Yes</u> / No | | | |
| All turbidity readings < IFE triggers? <u>Yes</u> / No ² | | | | | | | |
| Notes: | | | | Printed Name: <u>ANDREW SEWELL</u> | | | |
| | | | | Signature: <u>[Signature]</u> | | | Date: <u>4/5/21</u> |
| | | | | Phone #: (503) 992-3259 | | | CERT #: <u>9171</u> |

¹ 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.

² 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 | Mar-21 | Required Log Inactivation: 0.5 |
|---|--|--------------------|-----------|-------|------|-------------|-----------------------|---------------------------|-----------------------------------|
| Date / Time | Minimum Cl ₂ Residual at 1st User(C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met ? ³ | Maximum Reservoir Outflow | |
| | [ppm or mg/l] | minutes | C x T | [C] | | Use tables | Yes / No | [GPM] | |
| 1 / 8 am | 0.69 | 220 | 152.1 | 8.00 | 7.14 | 29 | YES | 2239.00 | |
| 2 / 8 am | 0.70 | 215 | 150.2 | 8.00 | 6.99 | 24 | YES | 2332.00 | |
| 3 / 8 am | 0.72 | 185 | 133.2 | 8.00 | 6.94 | 24 | YES | 2667.00 | |
| 4 / 8 am | 0.76 | 192 | 145.8 | 8.10 | 7.08 | 29 | YES | 2609.00 | |
| 5 / 8 am | 0.76 | 240 | 182.7 | 8.10 | 7.07 | 29 | YES | 2140.00 | |
| 6 / 8 am | 0.77 | 225 | 173.1 | 8.00 | 7.03 | 29 | YES | 2304.00 | |
| 7 / 8 am | 0.70 | 197 | 138.0 | 8.10 | 7.07 | 29 | YES | 2486.00 | |
| 8 / 8 am | 0.69 | 200 | 138.3 | 7.90 | 7.10 | 29 | YES | 2393.00 | |
| 9 / 8 am | 0.69 | 251 | 173.1 | 8.00 | 7.11 | 29 | YES | 1981.00 | |
| 10 / 8 am | 0.69 | 204 | 140.5 | 7.90 | 7.07 | 29 | YES | 2493.00 | |
| 11 / 8 am | 0.70 | 207 | 145.1 | 8.00 | 7.03 | 29 | YES | 2465.00 | |
| 12 / 8 am | 0.72 | 205 | 147.3 | 8.10 | 7.17 | 29 | YES | 2343.00 | |
| 13 / 8 am | 0.71 | 272 | 192.8 | 8.20 | 7.12 | 29 | YES | 1895.00 | |
| 14 / 8 am | 0.70 | 227 | 158.8 | 8.20 | 7.17 | 29 | YES | 2222.00 | |
| 15 / 8 am | 0.70 | 197 | 137.8 | 8.20 | 7.17 | 29 | YES | 2453.00 | |
| 16 / 8 am | 0.69 | 173 | 119.1 | 8.10 | 7.18 | 29 | YES | 2799.00 | |
| 17 / 8 am | 0.70 | 191 | 133.9 | 8.00 | 7.20 | 29 | YES | 2525.00 | |
| 18 / 8 am | 0.73 | 199 | 145.3 | 8.00 | 7.16 | 29 | YES | 2427.00 | |
| 19 / 8 am | 0.68 | 241 | 163.8 | 8.00 | 7.17 | 29 | YES | 2063.00 | |
| 20 / 8 am | 0.64 | 242 | 155.0 | 8.20 | 7.11 | 29 | YES | 1937.00 | |
| 21 / 8 am | 0.62 | 226 | 140.1 | 8.30 | 7.13 | 29 | YES | 2106.00 | |
| 22 / 8 am | 0.66 | 201 | 132.5 | 8.10 | 7.23 | 29 | YES | 2353.00 | |
| 23 / 8 am | 0.67 | 186 | 124.5 | 8.30 | 7.18 | 29 | YES | 2543.00 | |
| 24 / 8 am | 0.68 | 216 | 146.9 | 8.30 | 7.17 | 29 | YES | 2300.00 | |
| 25 / 8 am | 0.69 | 182 | 125.5 | 8.30 | 7.17 | 29 | YES | 2674.00 | |
| 26 / 8 am | 0.69 | 181 | 124.7 | 8.20 | 7.22 | 29 | YES | 2576.00 | |
| 27 / 8 am | 0.70 | 257 | 180.2 | 8.10 | 7.23 | 29 | YES | 1849.00 | |
| 28 / 8 am | 0.69 | 253 | 174.6 | 8.20 | 7.20 | 29 | YES | 1936.00 | |
| 29 / 8 am | 0.68 | 187 | 127.3 | 8.40 | 7.22 | 29 | YES | 2523.00 | |
| 30 / 8 am | 0.68 | 193 | 131.0 | 8.40 | 7.21 | 29 | YES | 2489.00 | |
| 31 / 8 am | 0.68 | 205 | 139.2 | 8.20 | 7.24 | 29 | YES | 2360.00 | |

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