

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Apr-22

System Name: City of Roseburg ID#: 41-00720 WTP : TP - A

| 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 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 2 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 3 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 4 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 |
| 5 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 6 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 |
| 7 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 8 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 9 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 |
| 10 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 11 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 12 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 13 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 14 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 15 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 16 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 17 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 18 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 19 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 20 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 21 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 22 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 23 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| 24 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 25 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 |
| 26 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 27 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 28 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| 29 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| 30 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 31 | | | | | | | |

| | | | |
|--|-----------------------------------|---|--|
| Conventional or Direct Filtration | | Monthly Summary (Answer Yes or No) | |
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? | Yes / No | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All 4-hour turbidity readings ≤ 1 NTU? | Yes / No | Yes / No | Yes / No |
| All turbidity readings < IFE ² triggers | Yes / No | | |
| Notes: | PRINTED NAME: Andrew Albee | | |
| | SIGNATURE: Andrew Albee | | DATE: 5/1/2022 |
| | PHONE #: (541) 492-7032 | | CERT #: 5221 |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :

| | | | | | | |
|--------------|------------------|---------------|-------------|--------|--|-----|
| System Name: | City of Roseburg | ID#: 41-00720 | Month/Year: | Apr-22 | Disinfection <i>Giardia</i> Log Inactiv: | 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 | Peak Hourly Demand Flow |
|-------------|---|------------------|--------------|-------|------|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 1.14 | 132.3 | 150.8 | 10.6 | 7.77 | 24.7 | Yes | 3000 |
| 2 | 1.15 | 132.3 | 152.1 | 10.6 | 7.74 | 24.5 | Yes | 3000 |
| 3 | 1.13 | 143.9 | 162.6 | 11.1 | 7.61 | 22.5 | Yes | 2700 |
| 4 | 1.15 | 130.9 | 150.5 | 10.6 | 7.50 | 22.5 | Yes | 3000 |
| 5 | 1.12 | 130.9 | 146.6 | 10.0 | 7.62 | 24.3 | Yes | 3000 |
| 6 | 1.1 | 118.0 | 129.8 | 8.3 | 7.52 | 26.2 | Yes | 3400 |
| 7 | 1.03 | 103.3 | 106.4 | 9.4 | 7.61 | 25.0 | yes | 3800 |
| 8 | 1.13 | 102.2 | 115.5 | 11.1 | 7.66 | 22.9 | yes | 3800 |
| 9 | 1.13 | 143.2 | 161.9 | 10.6 | 7.75 | 24.5 | Yes | 2800 |
| 10 | 1.12 | 121.4 | 136.0 | 10.0 | 7.61 | 24.2 | Yes | 3200 |
| 11 | 1.12 | 114.3 | 128.0 | 7.8 | 7.69 | 28.9 | Yes | 3400 |
| 12 | 1.08 | 114.3 | 123.4 | 6.7 | 7.66 | 30.7 | Yes | 3400 |
| 13 | 1.04 | 115.5 | 120.1 | 6.7 | 7.75 | 31.5 | Yes | 3400 |
| 14 | 1.03 | 141.3 | 145.5 | 6.7 | 7.55 | 29.3 | Yes | 2750 |
| 15 | 1.08 | 132.3 | 142.9 | 7.2 | 7.60 | 29.0 | Yes | 3000 |
| 16 | 1.16 | 133.7 | 155.1 | 7.8 | 7.67 | 28.8 | Yes | 3000 |
| 17 | 1.12 | 132.5 | 148.4 | 7.8 | 7.63 | 28.3 | Yes | 2900 |
| 18 | 1.15 | 140.2 | 161.3 | 7.8 | 7.65 | 28.6 | Yes | 2800 |
| 19 | 1.19 | 138.8 | 165.1 | 7.8 | 7.68 | 29.0 | Yes | 2800 |
| 20 | 1.18 | 130.9 | 154.5 | 7.8 | 7.59 | 28.1 | Yes | 3000 |
| 21 | 1.17 | 130.9 | 153.2 | 8.3 | 7.71 | 28.3 | yes | 3000 |
| 22 | 1.17 | 147.0 | 172.0 | 8.3 | 7.81 | 29.3 | Yes | 2700 |
| 23 | 1.14 | 113.9 | 129.9 | 9.4 | 7.61 | 25.3 | Yes | 3300 |
| 24 | 1.15 | 124.0 | 142.6 | 9.4 | 7.60 | 25.2 | Yes | 3200 |
| 25 | 1.15 | 132.3 | 152.1 | 9.4 | 7.77 | 26.8 | Yes | 3000 |
| 26 | 1.15 | 138.8 | 159.6 | 10.0 | 7.66 | 24.7 | Yes | 2800 |
| 27 | 1.15 | 138.8 | 159.6 | 10.0 | 7.68 | 24.9 | Yes | 2800 |
| 28 | 1.18 | 128.0 | 151.1 | 10.0 | 7.65 | 24.7 | Yes | 3100 |
| 29 | 1.17 | 119.0 | 139.2 | 10.0 | 7.63 | 24.5 | Yes | 3300 |
| 30 | 1.16 | 120.3 | 139.5 | 10.0 | 7.53 | 23.7 | Yes | 3300 |
| 31 | | #DIV/0! | | | | | | |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013