

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Apr-24

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 | 0.10 |
| 4 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 5 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 6 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 7 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 |
| 8 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 9 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 |
| 10 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 11 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 12 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 13 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 |
| 14 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 15 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 16 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 17 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 18 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 19 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 20 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 21 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 22 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 23 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 24 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 |
| 25 | 0.03 | 0.03 | 0.03 | 0.03 | 0.05 | 0.03 | 0.05 |
| 26 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 27 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 28 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 29 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 30 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 31 | | | | | | | |

| | | | | |
|----------------------------------------------------|-----------------------------------------------------------------|----------------------------------|------------------------------------------------------|-----------------------|
| Conventional or Direct Filtration | | | Monthly Summary (Answer Yes or No) | |
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? | <input checked="" type="radio"/> Yes / <input type="radio"/> No | CT's met everyday? (see back) | <input type="radio"/> Yes / <input type="radio"/> No | |
| All 4-hour turbidity readings ≤ 1 NTU? | <input checked="" type="radio"/> Yes / <input type="radio"/> No | | <input type="radio"/> Yes / <input type="radio"/> No | |
| All turbidity readings < IFE ² triggers | <input checked="" type="radio"/> Yes / <input type="radio"/> No | | | |
| Notes: | PRINTED NAME: Andrew Albee | | | |
| | SIGNATURE: Andrew Albee | | | DATE: 5/1/2024 |
| | 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 | 1.13 | 119.7 | 135.3 | 8.9 | 7.62 | 26.2 | Yes | 3350 |
| 2 | 1.17 | 119.7 | 140.1 | 9.4 | 7.83 | 27.4 | Yes | 3350 |
| 3 | 1.15 | 116.0 | 133.4 | 10.6 | 7.73 | 24.4 | Yes | 3350 |
| 4 | 1.17 | 113.4 | 132.7 | 9.4 | 7.49 | 24.3 | yes | 3500 |
| 5 | 1.17 | 106.2 | 124.3 | 8.3 | 7.70 | 28.2 | yes | 3500 |
| 6 | 1.16 | 112.2 | 130.2 | 8.9 | 7.60 | 26.1 | yes | 3500 |
| 7 | 1.15 | 103.1 | 118.6 | 8.9 | 7.61 | 26.2 | Yes | 3400 |
| 8 | 1.13 | 121.4 | 137.2 | 10.0 | 7.56 | 23.8 | Yes | 3200 |
| 9 | 1.13 | 125.3 | 141.6 | 10.6 | 7.56 | 22.9 | Yes | 3100 |
| 10 | 1.13 | 112.2 | 126.8 | 10.6 | 7.65 | 23.6 | Yes | 3500 |
| 11 | 1.13 | 91.4 | 103.2 | 10.6 | 7.70 | 24.1 | Yes | 3750 |
| 12 | 1.13 | 120.3 | 135.9 | 11.1 | 7.58 | 22.3 | Yes | 3300 |
| 13 | 1.03 | 116.7 | 120.2 | 11.1 | 7.56 | 21.9 | Yes | 3400 |
| 14 | 1.11 | 118.0 | 130.9 | 10.6 | 7.49 | 22.3 | Yes | 3400 |
| 15 | 1.07 | 115.5 | 123.6 | 10.0 | 7.46 | 22.8 | Yes | 3400 |
| 16 | 1.12 | 87.3 | 97.7 | 10.0 | 7.50 | 23.3 | Yes | 4500 |
| 17 | 1.12 | 119.7 | 134.1 | 10.0 | 7.50 | 23.3 | Yes | 3350 |
| 18 | 1.18 | 113.4 | 133.8 | 10.0 | 7.52 | 23.6 | yes | 3500 |
| 19 | 1.18 | 112.2 | 132.4 | 10.0 | 7.59 | 24.2 | yes | 3500 |
| 20 | 1.16 | 116.7 | 135.4 | 12.2 | 7.57 | 20.7 | Yes | 3400 |
| 21 | 1.16 | 124.0 | 143.8 | 11.1 | 7.60 | 22.5 | Yes | 3100 |
| 22 | 1.16 | 114.3 | 132.6 | 11.1 | 7.61 | 22.6 | Yes | 3472 |
| 23 | 1.13 | 104.4 | 118.0 | 12.2 | 7.59 | 20.8 | Yes | 3800 |
| 24 | 1.13 | 92.6 | 104.7 | 12.8 | 7.55 | 19.6 | Yes | 4375 |
| 25 | 1.13 | 110.2 | 124.6 | 12.2 | 7.49 | 20.1 | Yes | 3600 |
| 26 | 1.12 | 115.5 | 129.4 | 11.7 | 7.48 | 20.7 | Yes | 3400 |
| 27 | 1.1 | 118.0 | 129.8 | 10.6 | 7.50 | 22.3 | Yes | 3400 |
| 28 | 1.11 | 116.7 | 129.6 | 10.6 | 7.44 | 21.9 | Yes | 3400 |
| 29 | 1.13 | 115.5 | 130.5 | 10.0 | 7.30 | 21.7 | Yes | 3400 |
| 30 | 1.14 | 115.5 | 131.7 | 9.4 | 7.41 | 23.5 | Yes | 3400 |
| 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