

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Aug-21

System Name: Rainbow Rock Service Association ID#: 41 01381 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 | POL | POL | POL | 0.12 | 0.04 | POL | 0.23 |
| 2 | POL | POL | 0.04 | 0.05 | 0.04 | POL | 0.20 |
| 3 | POL | POL | 0.04 | POL | POL | POL | 0.18 |
| 4 | POL | POL | POL | 0.04 | 0.04 | POL | 0.04 |
| 5 | POL | POL | 0.04 | 0.04 | 0.04 | POL | 0.04 |
| 6 | POL | POL | 0.04 | 0.04 | POL | POL | 0.04 |
| 7 | POL | POL | 0.05 | 0.06 | POL | POL | 0.06 |
| 8 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 9 | POL | POL | POL | 0.05 | POL | POL | 0.26 |
| 10 | POL | POL | 0.05 | 0.05 | POL | POL | 0.27 |
| 11 | POL | POL | POL | POL | POL | POL | POL |
| 12 | POL | POL | POL | 0.05 | 0.05 | POL | 0.05 |
| 13 | POL | POL | 0.05 | 0.05 | POL | POL | 0.05 |
| 14 | POL | POL | 0.05 | 0.10 | 0.10 | POL | 0.10 |
| 15 | POL | POL | POL | POL | POL | POL | POL |
| 16 | POL | POL | POL | 0.11 | POL | POL | 0.13 |
| 17 | POL | POL | 0.09 | 0.09 | POL | POL | 0.15 |
| 18 | POL | POL | POL | 0.10 | POL | POL | 0.10 |
| 19 | POL | POL | POL | 0.10 | 0.09 | POL | 0.10 |
| 20 | POL | POL | POL | POL | POL | POL | POL |
| 21 | POL | POL | POL | POL | POL | POL | POL |
| 22 | POL | POL | POL | POL | POL | POL | POL |
| 23 | POL | POL | POL | POL | POL | POL | POL |
| 24 | POL | POL | 0.13 | 0.20 | 0.14 | POL | 0.20 |
| 25 | POL | POL | 0.04 | POL | POL | POL | 0.07 |
| 26 | POL | POL | POL | 0.12 | 0.12 | POL | 0.20 |
| 27 | POL | POL | 0.17 | 0.13 | 0.11 | POL | 0.17 |
| 28 | POL | POL | 0.14 | 0.12 | 0.10 | POL | 0.14 |
| 29 | POL | POL | POL | POL | POL | POL | POL |
| 30 | POL | POL | POL | 0.15 | 0.11 | POL | 0.23 |
| 31 | POL | POL | 0.12 | 0.15 | 0.13 | POL | 0.22 |

| 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 checked="" type="radio"/> Yes / <input type="radio"/> No | All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No |
| All 4-hour turbidity readings ≤ 1 NTU? <input checked="" 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: Jonathan Woody | |
| | SIGNATURE: <i>Jonathan Woody</i> | DATE: 9-9-21 |
| | PHONE #: (841) 643-8137 | CERT #: 7232 |

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 Eff. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : A

System Name: Rainbow Rock Service Association

ID#: 41

01361

Month/Year: Aug-21

Disinfection *Giardia*
Log Inactiv:

0.5

| date / Time | Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L] | Contact Time (T) [minutes] | Actual CT CXT | Temp [°C] | pH | Required CT formula | CT Met? ³ Yes / No | Peak Hourly Demand Flow [GPM] |
|-------------|--|-------------------------------|------------------|--------------|-----|------------------------|----------------------------------|----------------------------------|
| 1 | 0.6 | 71 | 42.6 | 16 | 7.3 | 13.6 | Yes | 20 |
| 2 | 0.6 | ↑ | 42.6 | 15 | 7.3 | 14.5 | Yes | ↑ |
| 3 | 0.7 | | 49.7 | 15 | 7.2 | 14.2 | Yes | |
| 4 | 0.9 | | 63.9 | 15 | 6.9 | 13.0 | Yes | |
| 5 | 1.1 | | 78.1 | 15 | 7.1 | 14.3 | Yes | |
| 6 | 0.8 | | 56.8 | 15 | 6.9 | 12.8 | Yes | |
| 7 | 0.7 | | 49.7 | 15 | 7.4 | 15.3 | Yes | |
| 8 | 0.8 | | 56.8 | 16 | 7.5 | 15.0 | Yes | |
| 9 | 0.9 | | 63.9 | 16 | 7.9 | 17.6 | Yes | |
| 10 | 0.9 | | 63.9 | 16 | 7.2 | 13.6 | Yes | |
| 11 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 12 | 0.7 | | 49.7 | 15 | 7.3 | 14.7 | Yes | |
| 13 | 0.9 | | 63.9 | 14 | 7.0 | 14.4 | Yes | |
| 14 | 0.8 | | 56.8 | 14 | 7.4 | 16.5 | Yes | |
| 15 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 16 | 0.9 | | 63.9 | 15 | 8.1 | 20.2 | Yes | |
| 17 | 0.7 | | 49.7 | 15 | 7.1 | 13.7 | Yes | |
| 18 | 1.1 | | 78.1 | 15 | 7.0 | 13.8 | Yes | |
| 19 | 0.8 | | 56.8 | 15 | 7.0 | 13.3 | Yes | |
| 20 | 1.0 | | 71.0 | 14 | 7.4 | 16.9 | Yes | |
| 21 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 22 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 23 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 24 | 0.8 | | 56.8 | 14 | 8.1 | 21.4 | Yes | |
| 25 | 0.7 | | 49.7 | 14 | 7.2 | 15.2 | Yes | |
| 26 | 0.3 | | 21.3 | 18 | 7.3 | 11.5 | Yes | |
| 27 | 0.6 | | 42.6 | 15 | 7.4 | 15.1 | Yes | |
| 28 | 0.6 | | 42.6 | 15 | 7.4 | 15.1 | Yes | |
| 29 | PO2 | | PO2 | PO2 | PO2 | PO2 | PO2 | |
| 30 | 0.7 | | 49.7 | 14 | 7.2 | 15.2 | Yes | |
| 31 | 1.3 | ↓ | 92.3 | 14 | 7.3 | 16.8 | Yes | ↓ |

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

Revised October 2013

Oregon DHS - Drinking Water Services – Surface Water Quality Data

System Name: Rainbow Rock Servic ID# 41 01361 Month/Year: Aug / 2021
 Minimum UVT [%] during month: 90 Duty sensor variation from reference sensor %: 0%
 Minimum Validated UVT : 75%

| Date | Peak Hourly Demand Flow | Minimum Intensity | All Lamps On? | Daily Water Produced {A} | Water outside Validated Conditions {B} | Cumulative % Off-Spec Water Produced |
|---|-------------------------|------------------------------------|---------------|--------------------------|--|---|
| | [gpm/unit] | [^{mW} /cm ²] | [Y or N] | [gal] | [gal] | (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%] |
| 1 | 20 | 58.2 | Y | 6508 | 0 | |
| 2 | 20 | 58.8 | Y | 10098 | 0 | |
| 3 | 20 | 59.3 | Y | 10173 | 0 | |
| 4 | 20 | 57.2 | Y | 7256 | 0 | |
| 5 | 20 | 57.2 | Y | 3380 | 0 | |
| 6 | 20 | 58.2 | Y | 9126 | 0 | |
| 7 | 20 | 58.6 | Y | 1000 | 0 | |
| 8 | 20 | 59 | Y | 524 | 0 | |
| 9 | 20 | 58.1 | Y | 5311 | 0 | |
| 10 | 20 | 59 | Y | 8976 | 0 | |
| 11 | POL | POL | POL | POL | 0 | |
| 12 | 20 | 58.2 | Y | 7106 | 0 | |
| 13 | 20 | 59.4 | Y | 9350 | 0 | |
| 14 | 20 | 58.8 | Y | 9126 | 0 | |
| 15 | POL | POL | POL | POL | 0 | |
| 16 | 20 | 59.1 | Y | 5086 | 0 | |
| 17 | 20 | 58.8 | Y | 8452 | 0 | |
| 18 | 20 | 58.2 | Y | 3970 | 0 | |
| 19 | 20 | 58.8 | Y | 7405 | 0 | |
| 20 | 20 | 58.2 | Y | 2094 | 0 | |
| 21 | POL | POL | POL | 0 | 0 | |
| 22 | POL | POL | POL | 0 | 0 | |
| 23 | POL | POL | POL | 0 | 0 | |
| 24 | 20 | 58.2 | Y | 9724 | 0 | |
| 25 | 20 | 57.1 | Y | 3441 | 0 | |
| 26 | 20 | 58.8 | Y | 8153 | 0 | |
| 27 | 20 | 58.4 | Y | 10248 | 0 | |
| 28 | 20 | 57.2 | Y | 12566 | 0 | |
| 29 | POL | POL | POL | POL | 0 | |
| 30 | 20 | 57.2 | Y | 9574 | 0 | |
| 31 | 20 | 58.4 | Y | 11294 | 0 | |
| Monthly Cumulative % Off-Spec Water Produced | | | | | | 0 |

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Signature: 

Op Cert #: 7232

Date: 8/31/2021