

OHA - Drinking Water Services – Turbidity Monitoring Report  
 Conventional or Direct Filtration

County: *Polk*

Name: *City of Falls City*

ID #41: *60797*

WTP-:

Month/Year: *September 2023*

| DAY | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the Day <sup>1</sup> [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1   |             |            |            |            |            |            | .06   |
| 2   |             |            |            |            |            |            | .06   |
| 3   |             |            |            |            |            |            | .06   |
| 4   |             |            |            |            |            |            | .06   |
| 5   |             |            |            |            |            |            | .06   |
| 6   |             |            |            |            |            |            | .07   |
| 7   |             |            |            |            |            |            | .07   |
| 8   |             |            |            |            |            |            | .07   |
| 9   |             |            |            |            |            |            | .07   |
| 10  |             |            |            |            |            |            | .07   |
| 11  |             |            |            |            |            |            | .07   |
| 12  |             |            |            |            |            |            | .07   |
| 13  |             |            |            |            |            |            | .07   |
| 14  |             |            |            |            |            |            | .07   |
| 15  |             |            |            |            |            |            | .07   |
| 16  |             |            |            |            |            |            | .07   |
| 17  |             |            |            |            |            |            | .07   |
| 18  |             |            |            |            |            |            | .08   |
| 19  |             |            |            |            |            |            | .07   |
| 20  |             |            |            |            |            |            | .07   |
| 21  |             |            |            |            |            |            | .09   |
| 22  |             |            |            |            |            |            | .07   |
| 23  |             |            |            |            |            |            | .05   |
| 24  |             |            |            |            |            |            | .05   |
| 25  |             |            |            |            |            |            | .05   |
| 26  |             |            |            |            |            |            | .05   |
| 27  |             |            |            |            |            |            | .05   |
| 28  |             |            |            |            |            |            | .04   |
| 29  |             |            |            |            |            |            | .05   |
| 30  |             |            |            |            |            |            |   |
| 31  |             |            |            |            |            |            |   |

|   |  |   |  |
|---|--|---|--|
| Conventional or Direct Filtration   |  | Monthly Summary (Answer Yes or No)  |  |
| Monthly Summary<br>95% of the 4-hour turbidity readings ≤ 0.3 NTU? <i>Yes / No</i><br>All the 4-hour turbidity readings ≤ 1 NTU? <i>Yes / No</i><br>All turbidity readings < IFE <sup>2</sup> triggers? <i>Yes / No</i> |  | CT's met everyday? (see back) <i>Yes / No</i><br>All Cl residuals at entry point ≥ 0.2 mg/l? <i>Yes / No</i>                              |  |
| Notes:  |  | PRINTED NAME: <i>Jonathon Creekmore</i><br>SIGNATURE: <i>[Signature]</i> DATE: <i>9-30-2023</i><br>PHONE #: <i>(503) 787-3631</i> CERT #: |  |

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings maximum.  
<sup>2</sup> IFE = In-line Filter Efficiency (OAR 333-061-0040(1)(a)B&C)

OHA - Drinking Water Program - Surface Water Quality Data Form - Giardia Inactivation

Name: Falls City WTP

ID #41: 00297 WTP:

Month/Year:

Log Requirement

Sep. 2023

(Circle One): 0.5

10

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>3</sup> | Contact Time (T) | Actual CT | Temp | pH  | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|------|-----|-------------|----------------------|-------------------------|
|             | [ppm or mg/L]   | [minutes]        | C X T     | [°C] |     | Use tables  | Yes / No             | [GPM]                   |
| 1/          | 1.5   | 127              | 190       | 17   | 6.8 | 26          | Yes                  | 421                     |
| 2/          | 1.2   | 127              | 152       | 17   | 6.8 | 25          | Yes                  | 415                     |
| 3/          | 1.7   | 127              | 216       | 17   | 6.8 | 26          | Yes                  | 430                     |
| 4/          | 1.5   | 127              | 190       | 17   | 6.8 | 26          | Yes                  | 418                     |
| 5/          | 1.4   | 127              | 178       | 17   | 6.8 | 26          | Yes                  | 424                     |
| 6/          | 1.5   | 127              | 191       | 17   | 6.8 | 26          | Yes                  | 466                     |
| 7/          | 1.4   | 127              | 178       | 17   | 6.8 | 26          | Yes                  | 443                     |
| 8/          | 1   | 127              | 127       | 17   | 6.8 | 25          | Yes                  | 449                     |
| 9/          | 1   | 127              | 127       | 16   | 6.8 | 25          | Yes                  | 458                     |
| 10/         | .90   | 127              | 114       | 16   | 6.8 | 25          | Yes                  | 445                     |
| 11/         | .90   | 127              | 114       | 16   | 6.8 | 25          | Yes                  | 442                     |
| 12/         | .90   | 127              | 114       | 16   | 6.8 | 25          | Yes                  | 379                     |
| 13/         | 1.2   | 127              | 152       | 16   | 6.8 | 25          | Yes                  | 385                     |
| 14/         | 1.2   | 127              | 152       | 16   | 6.8 | 25          | Yes                  | 372                     |
| 15/         | 1.2   | 127              | 152       | 16   | 6.8 | 25          | Yes                  | 381                     |
| 16/         | 1.5   | 127              | 191       | 16   | 6.8 | 26          | Yes                  | 378                     |
| 17/         | 1.4   | 127              | 178       | 16   | 6.8 | 26          | Yes                  | 372                     |
| 18/         | 1.4   | 127              | 178       | 17   | 6.8 | 26          | Yes                  | 372                     |
| 19/         | 1.4   | 127              | 178       | 16   | 6.9 | 26          | Yes                  | 377                     |
| 20/         | 1.3   | 127              | 165       | 16   | 6.9 | 25          | Yes                  | 367                     |
| 21/         | 1.3   | 127              | 165       | 16   | 7   | 25          | Yes                  | 378                     |
| 22/         | 1.2   | 127              | 152       | 15   | 7.0 | 25          | Yes                  | 390                     |
| 23/         | 1.4   | 127              | 179       | 15   | 7.0 | 26          | Yes                  | 371                     |
| 24/         | 1.3   | 127              | 165       | 15   | 7.0 | 26          | Yes                  | 358                     |
| 25/         | 1.2   | 127              | 152       | 15   | 7.0 | 26          | Yes                  | 354                     |
| 26/         | 1.3   | 127              | 165       | 15   | 7.1 | 26          | Yes                  | 347                     |
| 27/         | .90   | 127              | 114       | 14   | 7.1 | 45          | Yes                  | 344                     |
| 28/         | 1.1   | 127              | 139       | 14   | 7.1 | 45          | Yes                  | 355gpm                  |
| 29/         | 1.5   | 127              | 190       | 14   | 7.2 | 47          | Yes                  | 348                     |
| 30/         | 1.4   | 127              | 178       | 14   | 7.2 | 47          | Yes                  | 355                     |
| 31/         |   |                  |           |      |     |             |                      |                         |

<sup>3</sup>If Cl<sub>2</sub> at entry point < 0.2 mg/l OR CT not met, notify DWS within 24 hours

Revised September 2018

Download form at: [public.health.oregon.gov/Health/Environment/Drinking/Water/Monitoring/Documents/twt-00r-1-0-rev02.pdf](http://public.health.oregon.gov/Health/Environment/Drinking/Water/Monitoring/Documents/twt-00r-1-0-rev02.pdf)

Return by 10<sup>th</sup> of following month by email, fax, or mail to:

owc.dnrc@state.or.us 971-673-0694, or Drinking Water Services, PO Box 14356, Portland, OR 97293-0356