

OHA - Drinking Water Services - Turbidity Monitoring Report  
 Conventional or Direct Filtration County: Columbia

Name: Vernonia, City of ID# OR4100922 WTP:-WTP-A Month/Year: May 2024

| 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   | off         | off        | .05        | .03        | off        | off        | .14   |
| 2   |             |            | .05        | .06        | .03        |            | .17   |
| 3   |             |            | .03        | .04        | off        |            | .09   |
| 4   |             |            | .03        | .03        | .05        |            | .17   |
| 5   |             |            | .05        | .04        | off        |            | .15   |
| 6   |             |            | .04        | .03        |            |            | .20   |
| 7   |             |            | .05        | .05        |            |            | .20   |
| 8   |             |            | .03        | .04        |            |            | .20   |
| 9   |             |            | .05        | .04        | ✓          |            | .25   |
| 10  |             |            | .04        | .05        |            |            | .07   |
| 11  |             |            | .03        | .04        | .06        |            | .10   |
| 12  |             |            | .04        | .04        | off        |            | .15   |
| 13  |             |            | off        | .03        |            |            | .05   |
| 14  |             |            | .04        | .04        |            |            | .17   |
| 15  |             |            | .04        | .04        |            |            | .15   |
| 16  |             |            | .03        | .03        |            |            | .10   |
| 17  |             |            | .03        | .03        |            |            | .15   |
| 18  |             |            | .03        | .03        |            |            | .10   |
| 19  |             |            | .03        | .03        |            |            | .08   |
| 20  |             |            | .03        | .03        |            |            | .18   |
| 21  |             |            | off        | .03        |            |            | .09   |
| 22  |             |            | .04        | .04        |            |            | .20   |
| 23  |             |            | .03        | .03        |            |            | .09   |
| 24  |             |            | .04        | .03        |            |            | .15   |
| 25  |             |            | .03        | .03        | ✓          |            | .10   |
| 26  |             |            | .03        | .03        |            |            | .10   |
| 27  |             |            | .03        | .03        | .03        |            | .15   |
| 28  |             |            | .03        | .03        | off        |            | .03   |
| 29  |             |            | .04        | .04        |            |            | .09   |
| 30  | ✓           | ✓          | .03        | .04        | ✓          | ✓          | .05   |
| 31  |             |            | .04        | .03        | ✓          | ✓          | .15   |

Conventional or Direct Filtration Monthly Summary      Monthly Summary (Answer Yes or No)

95% of the 4-hour turbidity readings < 0.3 NTU?  Yes / No      All CT's met everyday? (see back)  Yes / No      All Cl<sup>2</sup> residuals at entry point > 0.2 mg/l?  Yes / No  
 the 4-hour turbidity readings < NTU?  Yes / No  
 All turbidity reading < IFE<sup>2</sup> triggers?  Yes / No<sup>2</sup>

Notes: Highest NTU of the Day is Right Before a BW  
 PRINTED NAME: Jeff Burch  
 SIGNATURE: Jeff Burch      Date: 6-6-24  
 Phone # 503-429-6921      CERT# 6091

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

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

Name: Vernonia, City of ID# OR4100922 WTP: Month/Year: Log Requirement: 0.5

| Date / Time            | Minimum Cl <sub>2</sub> Residual at 1st 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]        | CXT       | [°C] |     | Use Tables  | Yes / No             | [GPM]                   |
| 1/1:00 <sup>pm</sup>   | 1.6   | 34               | 54        | 10   | 7.3 | 45          | Yes                  | 605                     |
| 2/12:30 <sup>pm</sup>  | 1.7   | 34               | 58        | 11   | 7.4 | 44          | Yes                  | 605                     |
| 3/12:00 <sup>pm</sup>  | 1.6   | 34               | 54        | 10   | 7.4 | 48          | Yes                  | 605                     |
| 4/3:00 <sup>pm</sup>   | 1.5   | 34               | 51        | 11   | 7.4 | 43          | Yes                  | 605                     |
| 5/12:30 <sup>pm</sup>  | 1.5   | 34               | 51        | 11   | 7.3 | 42          | Yes                  | 605                     |
| 6/9:00 <sup>am</sup>   | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 7/2:40 <sup>pm</sup>   | 1.6   | 34               | 54        | 12   | 7.5 | 42          | Yes                  | 605                     |
| 8/10:40 <sup>am</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 9/12:00 <sup>pm</sup>  | 1.6   | 34               | 54        | 12   | 7.5 | 42          | Yes                  | 605                     |
| 10/1:00 <sup>pm</sup>  | 1.6   | 34               | 54        | 12   | 7.5 | 42          | Yes                  | 605                     |
| 11/2:30 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 12/3:00 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 13/11:15 <sup>am</sup> | 1.6   | 34               | 54        | 12   | 7.5 | 42          | Yes                  | 605                     |
| 14/12:10 <sup>pm</sup> | 1.6   | 34               | 54        | 12   | 7.5 | 42          | Yes                  | 605                     |
| 15/11:45 <sup>am</sup> | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 16/1:00 <sup>pm</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 17/9:00 <sup>am</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 18/9:00 <sup>am</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 19/9:00 <sup>am</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 20/10:00 <sup>am</sup> | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 21/3:00 <sup>pm</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 22/11:00 <sup>am</sup> | 1.6   | 34               | 54        | 12   | 7.4 | 40          | Yes                  | 605                     |
| 23/11:15 <sup>am</sup> | 1.5   | 34               | 51        | 12   | 7.4 | 40          | Yes                  | 605                     |
| 24/1:40 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 25/1:50 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 26/2:00 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 27/3:30 <sup>pm</sup>  | 1.7   | 34               | 58        | 12   | 7.5 | 43          | Yes                  | 605                     |
| 28/2:00 <sup>pm</sup>  | 1.5   | 34               | 51        | 12   | 7.3 | 39          | Yes                  | 605                     |
| 29/10:15 <sup>am</sup> | 1.4   | 34               | 48        | 12   | 7.3 | 38          | Yes                  | 605                     |
| 30/9:00 <sup>am</sup>  | 1.8   | 34               | 61        | 12   | 7.4 | 41          | Yes                  | 605                     |
| 31/10:45 <sup>am</sup> | 1.6   | 34               | 54        | 12   | 7.3 | 39          | Yes                  | 605                     |

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