

## Oregon DHS - Drinking Water Services – Turbidity Monitoring Report Form

**System Name:** Winston Dillard Water Dist.      **ID#** 41 00957      **Month/Year:** May / 2022

| DAY | 12:00 AM<br>(NTU) | 4:00 AM<br>(NTU) | 8:00 AM<br>(NTU) | NOON<br>(NTU) | 4:00 PM<br>(NTU) | 8:00 PM<br>(NTU) | Highest Reading of the Day <sup>1</sup><br>(NTU) | Peak Hourly Demand<br>Flow (GPM) |
|-----|-------------------|------------------|------------------|---------------|------------------|------------------|--|----------------------------------|
| 1   | 0.015             | off              | off              | 0.018         | 0.015            | 0.015            | 0.018  | 1,004                            |
| 2   | off               | off              | 0.021            | 0.015         | 0.016            | 0.016            | 0.021  | 1,004                            |
| 3   | off               | off              | 0.016            | 0.016         | 0.015            | 0.015            | 0.016  | 1,022                            |
| 4   | off               | off              | off              | 0.015         | 0.015            | 0.015            | 0.015  | 1,017                            |
| 5   | 0.015             | off              | off              | 0.022         | 0.015            | 0.015            | 0.022  | 1,023                            |
| 6   | 0.015             | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,023                            |
| 7   | 0.015             | off              | off              | off           | 0.015            | 0.015            | 0.015  | 1,002                            |
| 8   | 0.015             | off              | off              | 0.020         | 0.019            | 0.017            | 0.020  | 1,024                            |
| 9   | 0.015             | off              | off              | 0.017         | 0.015            | 0.015            | 0.017  | 1,002                            |
| 10  | off               | off              | off              | 0.015         | 0.015            | 0.015            | 0.015  | 1,015                            |
| 11  | 0.015             | off              | off              | 0.015         | 0.015            | 0.015            | 0.015  | 1,020                            |
| 12  | off               | off              | off              | 0.015         | 0.015            | 0.015            | 0.015  | 1,016                            |
| 13  | off               | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 988                              |
| 14  | 0.015             | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,010                            |
| 15  | 0.015             | off              | off              | 0.015         | 0.015            | 0.015            | 0.015  | 1,014                            |
| 16  | 0.015             | off              | 0.018            | 0.017         | 0.015            | off              | 0.018  | 1,005                            |
| 17  | off               | off              | 0.020            | 0.015         | 0.015            | 0.015            | 0.020  | 1,011                            |
| 18  | off               | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,014                            |
| 19  | 0.017             | 0.020            | 0.016            | off           | off              | 0.016            | 0.020  | 1,019                            |
| 20  | 0.016             | 0.015            | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,022                            |
| 21  | 0.016             | off              | off              | 0.016         | 0.017            | 0.015            | 0.017  | 1,023                            |
| 22  | 0.016             | off              | off              | 0.019         | 0.020            | 0.017            | 0.020  | 1,025                            |
| 23  | 0.016             | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,031                            |
| 24  | 0.015             | off              | off              | 0.016         | 0.015            | 0.015            | 0.016  | 1,149                            |
| 25  | 0.016             | off              | off              | 0.019         | 0.015            | 0.015            | 0.019  | 1,306                            |
| 26  | off               | off              | 0.025            | 0.016         | 0.016            | off              | 0.025  | 1,314                            |
| 27  | off               | 0.020            | 0.016            | 0.016         | 0.016            | 0.016            | 0.020  | 1,192                            |
| 28  | off               | off              | 0.016            | 0.016         | 0.016            | 0.016            | 0.016  | 1,211                            |
| 29  | off               | off              | off              | off           | off              | off              | off  | off                              |
| 30  | off               | off              | 0.017            | 0.016         | 0.016            | 0.016            | 0.017  | 1,259                            |
| 31  | 0.016             | 0.016            | off              | 0.021         | 0.021            | 0.016            | 0.021  | 1,221                            |

|   |  |
|---|--|
| <p><b>Conventional or Direct Filtration Monthly Summary</b></p> <p>95% of the 4-hour turbidity readings ≤ 0.3 NTU?      <b>Yes / No</b></p> <p>All the 4-hour turbidity readings &lt; 1 NTU?      <b>Yes / No</b></p> <p>All turbidity readings &lt; IFE triggers? <sup>2</sup>      <b>Yes / No</b></p> <p style="text-align: center;">- OR -</p> <p><b>Slow Sand/Cartridge/Membrane/DE Filtration</b></p> <p>95% of turbidity readings ≤ 1 NTU?      <b>Yes / No</b></p> <p>All turbidity readings &lt; 5 NTU?      <b>Yes / No</b></p> | <p><b>Monthly UV Summary (Circle Yes or No)</b></p> <p>Is any off-spec water produced in the month?</p> <p style="text-align: center;"><b>Yes / <u>No</u></b></p> <hr/> <p><b>PRINTED NAME:</b> Derek Osterman</p> <p><b>SIGNATURE:</b> <i>Derek Osterman</i>      <b>DATE:</b> 6/1/2022</p> <p><b>PHONE #:</b> (541)-679-8102      <b>CERT #:</b> T-08919</p> <p><b>Is there 4-log virus inactivation provided with</b>      <input checked="" type="checkbox"/> Chlorine;      <input type="checkbox"/> Other _____      <b>Yes / No</b></p> <p style="text-align: right;"><b>CT<sub>viral</sub>:</b> Required = 3.4<br/>Achieved = 55.4</p> |
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<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes

<sup>2</sup> IFE = Individual Filter Effluent

# Oregon DHS - Drinking Water Services – Surface Water Quality Data

System Name: **Winston Dillard Water Dist.**

ID# **41 00957**

Month/Year: **May / 2022**

Minimum UVT [%] during month: 95.0%

Duty sensor variation from reference sensor %: 5.2%

Minimum Validated UVT : 70% {Insert Req'd Value}

| 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]              | [ <sup>mW</sup> /cm <sup>2</sup> ] | [ Y or N ]    | [gal]                    | [gal]                                  | (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%] |
| 1  | 1,004                   | 8.1                                | Y             | 605,101                  | None                                   |   |
| 2  | 1,004                   | 8.5                                | Y             | 607,918                  | None                                   |   |
| 3  | 1,022                   | 8.9                                | Y             | 658,998                  | None                                   |   |
| 4  | 1,017                   | 8.4                                | Y             | 573,491                  | None                                   |   |
| 5  | 1,023                   | 8.3                                | Y             | 578,745                  | None                                   |   |
| 6  | 1,023                   | 9.4                                | Y             | 584,625                  | None                                   |   |
| 7  | 1,002                   | 8.6                                | Y             | 566,556                  | None                                   |   |
| 8  | 1,024                   | 7.0                                | Y             | 618,333                  | None                                   |   |
| 9  | 1,002                   | 7.3                                | Y             | 634,262                  | None                                   |   |
| 10   | 1,015                   | 9.5                                | Y             | 561,078                  | None                                   |   |
| 11   | 1,020                   | 9.3                                | Y             | 624,329                  | None                                   |   |
| 12   | 1,016                   | 10.6                               | Y             | 603,092                  | None                                   |   |
| 13   | 988                     | 9.9                                | Y             | 537,796                  | None                                   |   |
| 14   | 1,010                   | 7.8                                | Y             | 598,857                  | None                                   |   |
| 15   | 1,014                   | 7.6                                | Y             | 600,572                  | None                                   |   |
| 16   | 1,005                   | 7.9                                | Y             | 562,694                  | None                                   |   |
| 17   | 1,011                   | 9.7                                | Y             | 746,549                  | None                                   |   |
| 18   | 1,014                   | 9.6                                | Y             | 606,470                  | None                                   |   |
| 19   | 1,019                   | 9.5                                | Y             | 456,100                  | None                                   |   |
| 20   | 1,022                   | 10.9                               | Y             | 842,874                  | None                                   |   |
| 21   | 1,023                   | 9.9                                | Y             | 613,419                  | None                                   |   |
| 22   | 1,025                   | 9.9                                | Y             | 683,624                  | None                                   |   |
| 23   | 1,031                   | 9.8                                | Y             | 727,604                  | None                                   |   |
| 24   | 1,149                   | 9.6                                | Y             | 824,508                  | None                                   |   |
| 25   | 1,306                   | 9.9                                | Y             | 915,638                  | None                                   |   |
| 26   | 1,314                   | 11.1                               | Y             | 548,446                  | None                                   |   |
| 27   | 1,192                   | 9.5                                | Y             | 768,291                  | None                                   |   |
| 28   | 1,211                   | 10.6                               | Y             | 680,909                  | None                                   |   |
| 29   | off                     | off                                | off           | off                      | None                                   |   |
| 30   | 1,259                   | 6.4                                | Y             | 1,047,836                | None                                   |   |
| 31   | 1,221                   | 6.0                                | Y             | 1,293,280                | None                                   |   |
| Monthly Cumulative % Off-Spec Water Produced |                         |                                    |               |                          |  | None                                    |

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 6/1/2022