

Oregon DHS - Drinking Water Services – Turbidity Monitoring Report Form

System Name: Winston Dillard Water Dist. **ID# 41 00957** **Month/Year: Jul / 2021**

| DAY | 12:00 AM (NTU) | 4:00 AM (NTU) | 8:00 AM (NTU) | NOON (NTU) | 4:00 PM (NTU) | 8:00 PM (NTU) | Highest Reading of the Day ¹ (NTU) | Peak Hourly Demand Flow (GPM) |
|-----|-------------------|------------------|------------------|---------------|------------------|------------------|--|----------------------------------|
| 1 | 0.013 | 0.012 | 0.012 | 0.012 | off | 0.016 | 0.016 | 1,369 |
| 2 | 0.013 | 0.013 | 0.013 | off | 0.013 | 0.013 | 0.013 | 1,386 |
| 3 | 0.013 | 0.013 | 0.013 | off | 0.013 | 0.014 | 0.014 | 1,404 |
| 4 | 0.013 | 0.013 | off | 0.013 | 0.013 | 0.013 | 0.013 | 1,508 |
| 5 | 0.014 | 0.013 | 0.013 | off | 0.015 | 0.013 | 0.015 | 1,458 |
| 6 | 0.013 | 0.013 | 0.013 | 0.013 | off | 0.014 | 0.014 | 1,445 |
| 7 | 0.013 | 0.013 | 0.013 | 0.015 | 0.013 | off | 0.015 | 1,427 |
| 8 | off | 0.015 | 0.013 | 0.013 | 0.013 | 0.013 | 0.015 | 1,427 |
| 9 | 0.013 | 0.013 | 0.013 | 0.013 | off | 0.014 | 0.014 | 1,429 |
| 10 | 0.014 | 0.013 | 0.013 | 0.013 | off | 0.013 | 0.014 | 1,439 |
| 11 | 0.013 | 0.013 | 0.014 | 0.017 | 0.013 | 0.025 | 0.025 | 1,443 |
| 12 | 0.014 | 0.014 | 0.014 | 0.013 | 0.020 | 0.013 | 0.020 | 1,412 |
| 13 | 0.014 | 0.014 | 0.014 | 0.015 | 0.014 | 0.014 | 0.015 | 1,407 |
| 14 | 0.014 | 0.014 | 0.013 | 0.013 | 0.013 | 0.013 | 0.014 | 1,419 |
| 15 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 1,424 |
| 16 | 0.015 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.015 | 1,448 |
| 17 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 1,459 |
| 18 | 0.013 | 0.013 | 0.013 | 0.013 | 0.014 | 0.013 | 0.014 | 1,457 |
| 19 | off | 0.020 | 0.014 | 0.015 | 0.013 | 0.013 | 0.020 | 1,472 |
| 20 | 0.013 | 0.013 | 0.013 | 0.013 | 0.016 | 0.012 | 0.016 | 1,485 |
| 21 | 0.014 | 0.012 | 0.016 | 0.012 | 0.012 | 0.012 | 0.016 | 1,589 |
| 22 | 0.014 | 0.012 | 0.012 | 0.012 | 0.017 | 0.013 | 0.017 | 1,538 |
| 23 | 0.016 | 0.012 | 0.012 | 0.012 | 0.012 | 0.015 | 0.016 | 1,505 |
| 24 | 0.015 | 0.013 | 0.013 | 0.013 | 0.014 | 0.013 | 0.015 | 1,341 |
| 25 | 0.012 | 0.012 | 0.015 | 0.013 | 0.018 | 0.015 | 0.018 | 1,349 |
| 26 | 0.013 | 0.013 | 0.018 | 0.022 | 0.015 | 0.013 | 0.022 | 1,349 |
| 27 | 0.013 | 0.014 | 0.016 | 0.015 | 0.015 | 0.016 | 0.016 | 1,351 |
| 28 | 0.016 | 0.015 | 0.015 | 0.013 | 0.014 | 0.022 | 0.022 | 1,354 |
| 29 | 0.015 | 0.014 | 0.016 | 0.015 | 0.015 | 0.015 | 0.016 | 1,372 |
| 30 | 0.015 | 0.014 | 0.022 | 0.014 | off | 0.014 | 0.022 | 1,470 |
| 31 | 0.013 | 0.014 | 0.015 | 0.014 | off | 0.014 | 0.015 | 1,471 |

| | |
|--|---|
| <p>Conventional or Direct Filtration Monthly Summary</p> <p>95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes / No</p> <p>All the 4-hour turbidity readings < 1 NTU? Yes / No</p> <p>All turbidity readings < IFE triggers? ² Yes / No</p> | <p>Monthly UV Summary (Circle Yes or No)</p> <p>Is any off-spec water produced in the month?</p> <p style="text-align: center;">Yes / <u>No</u></p> |
| - OR - | PRINTED NAME: Derek Osterman |
| Slow Sand/Cartridge/Membrane/DE Filtration | SIGNATURE <i>Derek Osterman</i> DATE: 8/2/2021 |
| <p>95% of turbidity readings ≤ 1 NTU? <u>Yes</u> / No</p> <p>All turbidity readings < 5 NTU? <u>Yes</u> / No</p> | <p>PHONE #: (541)-679-8102 CERT #: T-08919</p> |
| <p>Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other _____ <u>Yes</u> / No</p> | <p>CT_{viral}: Required = 2.0 Achieved = 45.8</p> |

¹ Including continuous NTU data, if applicable, for optimization recording purposes

² IFE = Individual Filter Effluent

Oregon DHS - Drinking Water Services – Surface Water Quality Data

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

ID# **41 00957**

Month/Year: **Jul / 2021**

Minimum UVT [%] during month: 96.7%

Duty sensor variation from reference sensor %: 10.5%

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] | [^{mW} /cm ²] | [Y or N] | [gal] | [gal] | (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%] |
| 1 | 1,369 | 7.9 | Y | 1,129,915 | None | |
| 2 | 1,386 | 8.1 | Y | 1,300,446 | None | |
| 3 | 1,404 | 7.7 | Y | 1,325,019 | None | |
| 4 | 1,508 | 8.7 | Y | 1,212,396 | None | |
| 5 | 1,458 | 8.7 | Y | 1,346,208 | None | |
| 6 | 1,445 | 7.6 | Y | 1,261,814 | None | |
| 7 | 1,427 | 7.4 | Y | 1,392,159 | None | |
| 8 | 1,427 | 6.9 | Y | 1,423,700 | None | |
| 9 | 1,429 | 6.8 | Y | 1,019,280 | None | |
| 10 | 1,439 | 7.9 | Y | 1,233,119 | None | |
| 11 | 1,443 | 7.2 | Y | 1,256,276 | None | |
| 12 | 1,412 | 8.1 | Y | 1,662,915 | None | |
| 13 | 1,407 | 8.6 | Y | 987,460 | None | |
| 14 | 1,419 | 9.2 | Y | 1,580,437 | None | |
| 15 | 1,424 | 8.5 | Y | 1,255,073 | None | |
| 16 | 1,448 | 8.1 | Y | 1,262,721 | None | |
| 17 | 1,459 | 8.2 | Y | 1,284,527 | None | |
| 18 | 1,457 | 8.8 | Y | 1,197,408 | None | |
| 19 | 1,472 | 8.3 | Y | 1,251,237 | None | |
| 20 | 1,485 | 8.5 | Y | 1,187,740 | None | |
| 21 | 1,589 | 7.5 | Y | 1,415,116 | None | |
| 22 | 1,538 | 7.4 | Y | 983,914 | None | |
| 23 | 1,505 | 8.2 | Y | 1,272,489 | None | |
| 24 | 1,341 | 8.6 | Y | 1,314,110 | None | |
| 25 | 1,349 | 8.7 | Y | 1,299,066 | None | |
| 26 | 1,349 | 8.7 | Y | 1,305,761 | None | |
| 27 | 1,351 | 7.9 | Y | 1,289,801 | None | |
| 28 | 1,354 | 8.2 | Y | 1,293,222 | None | |
| 29 | 1,372 | 8.8 | Y | 1,343,943 | None | |
| 30 | 1,470 | 9.9 | Y | 1,344,121 | None | |
| 31 | 1,471 | 9.8 | Y | 1,362,302 | None | |
| Monthly Cumulative % Off-Spec Water Produced | | | | | | None |

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 8/2/2021