

Oregon DHS - Drinking Water Services – Turbidity Monitoring Report Form

System Name: Winston Dillard Water Dist. **ID#** 41 00957 **Month/Year:** Sep / 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	off	0.014	0.018	0.014	0.014	0.018	1,464
2	0.014	0.014	off	off	0.017	0.014	0.017	1,459
3	0.014	off	0.022	0.014	0.014	0.014	0.022	1,416
4	0.014	0.015	0.014	0.015	off	0.015	0.015	1,351
5	0.017	off	0.015	0.014	0.014	0.014	0.017	1,357
6	off	off	0.015	0.023	0.014	0.014	0.023	1,364
7	0.015	off	0.017	0.014	0.014	0.014	0.017	1,350
8	0.014	off	0.016	0.015	0.014	0.015	0.016	1,266
9	0.014	0.014	off	0.018	0.015	0.014	0.018	1,212
10	0.014	0.014	0.014	0.023	0.023	0.014	0.023	1,205
11	0.015	off	0.015	0.014	0.014	0.014	0.015	1,468
12	off	off	0.016	0.014	0.014	0.016	0.016	1,483
13	off	off	0.025	0.015	0.015	0.015	0.025	1,472
14	off	off	0.025	0.016	0.016	0.016	0.025	1,478
15	off	off	0.015	0.015	0.016	0.015	0.016	1,496
16	off	off	0.015	0.015	0.015	0.015	0.015	1,486
17	off	0.030	0.035	0.021	0.015	0.015	0.035	1,491
18	0.021	0.015	0.028	0.027	0.016	off	0.028	1,438
19	off	0.028	0.021	0.015	off	off	0.028	1,485
20	off	0.032	0.016	0.016	off	off	0.032	1,497
21	0.030	0.028	0.016	off	off	0.026	0.030	1,473
22	0.024	off	0.024	0.025	0.017	0.017	0.025	1,405
23	off	off	0.027	0.026	0.016	0.015	0.027	1,392
24	off	off	0.016	0.014	0.014	0.014	0.016	1,397
25	off	off	off	0.014	0.014	0.014	0.014	1,380
26	off	off	0.015	0.015	0.015	0.015	0.015	1,399
27	off	off	0.020	0.016	0.014	off	0.020	1,385
28	off	off	0.017	0.015	0.014	off	0.017	1,383
29	off	off	0.017	0.015	0.014	0.014	0.017	1,273
30	off	off	0.014	0.021	0.013	0.013	0.021	1,201

<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 style="text-align: center;">- OR -</p> <p>Slow Sand/Cartridge/Membrane/DE Filtration</p> <p>95% of turbidity readings ≤ 1 NTU? Yes / No</p> <p>All turbidity readings < 5 NTU? 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> <hr/> <p>PRINTED NAME: Derek Osterman</p> <p>SIGNATURE: <i>Derek Osterman</i> DATE: 10/1/21</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 _____ Yes / No</p> <p style="text-align: right;">CT_{viral}: Required = 3.6 Achieved = 48.7</p>
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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: **Sep / 2021**

Minimum UVT [%] during month: 90.0%

Duty sensor variation from reference sensor %: 12.1%

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	1,464	7.4	Y	1,079,153	None	
2	1,459	7.2	Y	995,703	None	
3	1,416	8.3	Y	1,133,877	None	
4	1,351	7.7	Y	938,442	None	
5	1,357	7.3	Y	1,219,270	None	
6	1,364	7.1	Y	1,010,995	None	
7	1,350	7.2	Y	1,069,977	None	
8	1,266	6.8	Y	964,152	None	
9	1,212	6.8	Y	986,924	None	
10	1,205	6.8	Y	1,103,724	None	
11	1,468	7.2	Y	997,248	None	
12	1,483	7.0	Y	1,061,654	None	
13	1,472	7.1	Y	996,798	None	
14	1,478	8.0	Y	1,003,875	None	
15	1,496	8.1	Y	931,547	None	
16	1,486	8.8	Y	863,457	None	
17	1,491	8.6	Y	931,862	None	
18	1,438	8.2	Y	596,898	None	
19	1,485	7.1	Y	693,015	None	
20	1,497	7.7	Y	706,047	None	
21	1,473	8.2	Y	711,799	None	
22	1,405	6.4	Y	1,135,885	None	
23	1,392	7.4	Y	734,530	None	
24	1,397	7.3	Y	869,335	None	
25	1,380	7.4	Y	866,530	None	
26	1,399	7.3	Y	853,271	None	
27	1,385	7.5	Y	657,043	None	
28	1,383	7.2	Y	727,045	None	
29	1,273	7.9	Y	848,109	None	
30	1,201	7.8	Y	757,206	None	
			Y		None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 10/1/2021