

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year:

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 27.1 psi || 27.0 psi

Plant ID: WTP - 4100957

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇔

PDR = Pressure Decay Rate

LRC = Log Removal Credit

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	PDR <sub>Max</sub> [ <sup>psi</sup> / <sub>min</sub> ]	LRC [log removal]	DIT Daily
				0.09	4.00	
				Highest PDR of day [ <sup>psi</sup> / <sub>min</sub> ]	Lowest LRV <sub>ambient</sub> of day [log removal]	[Y/N] or "off"
1	0.023	0.023	0.027	0.02	4.706	y
2	0.018	0.018	0.025	0.02	4.631	y
3	0.028	0.028	0.028	0.02	4.697	y
4	0.022	0.022	0.026	0.02	4.811	y
5	0.022	0.022	0.025	0.02	4.681	y
6	0.020	0.020	0.026	0.03	4.517	y
7	0.020	0.020	0.026	0.02	4.673	y
8	0.024	0.024	0.025	0.02	4.680	y
9	0.018	0.018	0.025	0.03	4.526	y
10	0.026	0.026	0.026	0.02	4.763	y
11	0.020	0.020	0.026	0.02	4.698	y
12	0.022	0.022	0.026	0.02	4.683	y
13	0.024	0.024	0.026	0.02	4.700	y
14	0.026	0.026	0.026	0.02	4.670	y
15	0.018	0.018	0.025	0.03	4.673	y
16	0.018	0.018	0.024	0.03	4.528	y
17	0.025	0.025	0.025	0.04	4.527	y
18	0.017	0.017	0.024	0.04	4.259	y
19	0.028	0.028	0.026	0.03	4.383	y
20	0.023	0.023	0.025	0.03	4.495	y
21	0.023	0.023	0.025	0.03	4.529	y
22	0.019	0.019	0.025	0.03	4.487	y
23	0.018	0.018	0.024	0.03	4.507	y
24	0.028	0.028	0.027	0.02	4.666	y
25	0.028	0.028	0.026	0.03	4.544	y
26	0.031	0.031	0.031	0.03	4.508	y
27	0.025	0.025	0.024	0.03	4.500	y
28	0.029	0.029	0.026	0.03	4.502	y
29	0.018	0.018	0.024	0.03	4.500	y
30	0.018	0.018	0.032	0.03	4.530	y

**Compliance summary (operator to complete any blank fields)**

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDR <sub>Max</sub> , LRV ≥ LRC)	DIT Daily?
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
CT's met daily? (p. 2)	All Cl <sub>2</sub> residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR <sub>Max</sub> ?	LRV <sub>ambient</sub> ≥ LRC?	
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	

**PRINTED NAME:** Derek Osterman **DATE:** 12/2/2024  
**SIGNATURE:** Derek Osterman **WT CERT #:** T-08919  
**PHONE #:** (541)679-8467

♣ Used for optimization purposes only.

# OHA-DWS

## Disinfection Monthly Operating Report

System Name: Winston Dillard Water District

PWS ID#: 41 - 00957

Plant ID : WTP - 4100957

**0.5**

↔ Log  
Inactivation  
Required via  
Disinfection

Day	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) ♦ [mg/L = ppm]	Contact Time (T) [minutes]	Actual CT C x T (Formula)	Temp [° C]	pH	Required CT (Formula)	CT Met? ♦ [Yes / No] (Formula)	Peak Hourly Demand Flow [GPM]	Notes (e.g. "Plant Off")
1	1.66	47.9	79.5	11.2	8.03	27.6	YES	1,522	
2	1.80	47.1	84.8	11.0	7.93	27.5	YES	1,541	
3	1.68	47.5	79.8	11.1	7.88	26.4	YES	1,532	
4	1.31	47.8	62.6	10.6	7.80	25.4	YES	1,524	
5	1.46	48.3	70.5	10.5	7.83	26.3	YES	1,507	
6	1.35	47.9	64.7	10.2	7.91	27.3	YES	1,520	
7	1.57	48.5	76.1	10.2	7.92	28.1	YES	1,502	
8	1.25	59.0	73.8	9.9	7.91	27.6	YES	1,235	
9	1.92	59.1	113.5	9.8	7.89	29.8	YES	1,232	
10	1.65	59.0	97.4	10.1	7.89	28.3	YES	1,234	
11	1.46	58.9	86.0	10.5	7.89	26.9	YES	1,236	
12	1.53	59.0	90.3	10.5	7.96	27.8	YES	1,234	
13	1.88	58.7	110.4	10.1	7.91	29.2	YES	1,242	
14	1.54	59.5	91.6	10.2	7.73	26.2	YES	1,224	
15	1.34	59.7	80.0	9.3	7.71	26.9	YES	1,221	
16	1.13	59.7	67.5	8.6	7.78	28.3	YES	1,221	
17	1.30	86.4	112.3	8.9	7.75	28.0	YES	843	
18	1.57	89.2	140.0	8.7	7.69	28.6	YES	817	
19	1.46	68.5	100.0	7.9	7.66	29.5	YES	1,257	
20	1.33	51.7	68.8	8.3	7.67	28.4	YES	1,410	
21	1.33	64.4	85.7	9.3	7.65	26.3	YES	1,131	
22	1.49	64.8	96.6	11.3	7.59	23.0	YES	1,125	
23	1.42	64.9	92.2	11.1	7.56	22.9	YES	1,122	
24	1.59	64.9	103.2	9.1	7.58	26.9	YES	1,123	
25	1.81	65.5	118.6	9.1	7.62	28.0	YES	1,112	
26	1.51	65.0	98.2	9.0	7.63	27.3	YES	1,121	
27	1.90	65.7	124.8	8.8	7.64	29.0	YES	1,109	
28	1.74	65.0	113.1	8.3	7.64	29.5	YES	1,121	
29	1.72	65.5	112.7	7.2	7.64	31.7	YES	1,112	
30	1.95	65.1	126.9	6.2	7.75	36.3	YES	1,120	

♦ If chlorine concentration at entry point < 0.2 mg/L, or CT not met, notify DWS within 24 hours.

**Submit this monthly report by the 10<sup>th</sup> of following month by**

mail: Drinking Water Services  
PO Box 14350  
Portland, OR 97293-0350

email: [dwp.dmce@odhsaha.oregon.gov](mailto:dwp.dmce@odhsaha.oregon.gov)

fax: 971-673-0458

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

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

ID# **41 00957**

Month/Year: **Nov / 2024**

Minimum UVT [%] during month: 89.2%

Duty sensor variation from reference sensor %: 16.8%

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>mj</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1,522	8.6	Y	613,313	None	
2	1,541	8.0	Y	564,851	None	
3	1,532	7.2	Y	484,726	None	
4	1,524	6.4	Y	711,358	None	
5	1,507	7.2	Y	417,860	None	
6	1,520	6.9	Y	664,678	None	
7	1,502	7.3	Y	559,931	None	
8	1,235	7.9	Y	327,057	None	
9	1,232	7.6	Y	302,575	None	
10	1,234	7.8	Y	733,501	None	
11	1,236	7.9	Y	832,036	None	
12	1,234	8.9	Y	326,287	None	
13	1,242	8.4	Y	767,068	None	
14	1,224	6.2	Y	554,755	None	
15	1,221	6.1	Y	528,199	None	
16	1,221	6.3	Y	525,925	None	
17	843	7.2	Y	306,403	None	
18	817	6.3	Y	537,713	None	
19	1,257	6.0	Y	805,089	None	
20	1,410	6.0	Y	584,950	None	
21	1,131	6.0	Y	492,685	None	
22	1,125	6.0	Y	311,074	None	
23	1,122	6.0	Y	610,307	None	
24	1,123	7.5	Y	529,083	None	
25	1,112	7.5	Y	708,115	None	
26	1,121	7.9	Y	592,238	None	
27	1,109	9.2	Y	344,461	None	
28	1,121	9.0	Y	618,178	None	
29	1,112	9.4	Y	471,655	None	
30	1,120	9.3	Y	654,982	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 12/2/2024