

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: December-24

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 27.74 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 [Y/N] or "off"
				0.09	4.00	
1	0.022	0.022	0.024	0.04	4.387	y
2	0.026	0.026	0.024	0.03	4.511	y
3	0.022	0.022	0.024	0.05	4.394	y
4	0.025	0.025	0.025	0.05	4.380	y
5	0.024	0.024	0.025	0.04	4.475	y
6	0.029	0.029	0.024	0.04	4.463	y
7	0.019	0.019	0.024	0.04	4.484	y
8	0.025	0.025	0.024	0.06	4.298	y
9	0.020	0.020	0.024	0.04	4.298	y
10	0.019	0.019	0.025	0.05	4.374	y
11	0.024	0.024	0.024	0.05	4.362	y
12	0.025	0.025	0.026	0.06	4.289	y
13	0.024	0.024	0.026	0.07	4.395	y
14	0.020	0.020	0.024	0.06	4.247	y
15	0.020	0.020	0.025	0.05	4.300	y
16	0.026	0.026	0.025	0.07	4.200	y
17	0.020	0.020	0.024	0.06	4.236	y
18	0.020	0.020	0.024	0.07	4.144	y
19	0.020	0.020	0.024	0.05	4.292	y
20	0.026	0.026	0.025	0.05	4.352	y
21	0.019	0.019	0.024	0.06	4.265	y
22	0.024	0.024	0.025	0.05	4.346	y
23	0.021	0.021	0.024	0.06	4.205	y
24	0.020	0.020	0.025	0.05	4.312	y
25	0.022	0.022	0.024	0.05	4.278	y
26	0.022	0.022	0.023	0.05	4.281	y
27	0.018	0.018	0.024	0.05	4.291	y
28	0.019	0.019	0.023	0.05	4.355	y
29	plant	off				off
30	0.026	0.026	0.026	0.04	4.420	y
31	0.019	0.019	0.023	0.03	4.552	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?
Yes	Yes	Yes	Yes	Yes
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?	
Yes	Yes	Yes	Yes	

<b>PRINTED NAME:</b> <u>Derek Osterman</u> <b>SIGNATURE:</b>	<b>DATE:</b> <u>1/6/2025</u> <b>WT CERT #:</b> <u>T-08919</u> <b>PHONE #:</b> <u>(541)679-8467</u>
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♣ 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

<b>0.5</b>	⇐ Log Inactivation Required via Disinfection
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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	1.90	65.2	123.9	5.6	7.70	36.9	YES	1,118	
2	1.94	66.2	128.4	5.5	7.70	37.3	YES	1,101	
3	1.80	64.5	116.1	5.5	7.76	37.6	YES	1,129	
4	1.71	65.8	112.5	5.5	7.79	37.6	YES	1,108	
5	1.68	65.4	109.9	5.8	7.69	35.4	YES	1,114	
6	1.55	66.8	103.5	5.7	7.77	36.1	YES	1,090	
7	1.45	67.6	98.0	6.3	7.75	34.0	YES	1,077	
8	1.55	64.7	100.3	6.7	7.78	33.8	YES	1,126	
9	1.58	66.8	105.5	6.7	7.78	33.9	YES	1,091	
10	1.52	64.9	98.6	6.3	7.83	35.3	YES	1,122	
11	1.46	66.5	97.1	5.6	7.86	37.2	YES	1,096	
12	1.49	65.9	98.2	5.7	7.78	36.0	YES	1,106	
13	1.65	70.0	115.5	5.5	7.54	34.0	YES	1,033	
14	1.35	70.9	95.7	6.1	7.17	27.6	YES	1,027	
15	1.17	70.5	82.5	7.2	7.49	28.2	YES	1,033	
16	1.37	70.7	96.9	7.5	7.66	30.0	YES	1,031	
17	1.30	70.9	92.2	8.8	7.37	24.6	YES	1,027	
18	1.13	70.3	79.4	9.0	7.26	22.9	YES	1,037	
19	1.65	63.2	104.3	8.9	7.68	28.4	YES	1,153	
20	1.52	56.0	85.1	8.7	7.35	25.2	YES	1,300	
21	1.53	55.4	84.8	9.0	7.10	22.6	YES	1,316	
22	1.58	54.4	86.0	9.0	7.45	25.8	YES	1,339	
23	1.44	54.9	79.1	9.1	7.55	26.1	YES	1,326	
24	1.31	65.8	86.2	9.3	7.50	24.9	YES	1,107	
25	1.23	66.4	81.7	8.7	7.44	25.2	YES	1,098	
26	1.64	66.4	108.9	9.0	7.51	26.5	YES	1,097	
27	1.43	65.9	94.2	9.3	7.40	24.4	YES	1,106	
28	1.61	65.9	106.1	9.6	7.37	24.2	YES	1,106	
29									Plant Off
30	1.57	65.6	103.0	8.8	7.31	24.9	YES	1,111	
31	1.71	66.1	113.0	8.1	7.33	26.6	YES	1,102	

♦ 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@odhsoha.oregon.gov](mailto:dwp.dmce@odhsoha.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: **Dec / 2024**

Minimum UVT [%] during month: 91.5%

Duty sensor variation from reference sensor %: 17.2%

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>mj</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1,118	9.8	Y	466,887	None	
2	1,101	9.5	Y	454,954	None	
3	1,129	10.1	Y	693,703	None	
4	1,108	9.8	Y	609,813	None	
5	1,114	10.6	Y	497,057	None	
6	1,090	10.5	Y	398,839	None	
7	1,077	10.4	Y	594,221	None	
8	1,126	9.9	Y	345,766	None	
9	1,091	9.8	Y	456,315	None	
10	1,122	9.3	Y	497,085	None	
11	1,096	11.4	Y	212,867	None	
12	1,106	8.8	Y	746,288	None	
13	1,033	10.2	Y	546,800	None	
14	1,027	7.2	Y	521,575	None	
15	1,033	6.9	Y	559,701	None	
16	1,031	7.4	Y	605,371	None	
17	1,027	7.1	Y	527,881	None	
18	1,037	7.4	Y	59,719	None	
19	1,153	8.0	Y	710,372	None	
20	1,300	9.1	Y	761,695	None	
21	1,316	9.9	Y	324,909	None	
22	1,339	8.0	Y	710,273	None	
23	1,326	8.4	Y	480,471	None	
24	1,107	6.7	Y	533,133	None	
25	1,098	7.2	Y	411,377	None	
26	1,097	7.9	Y	690,842	None	
27	1,106	8.5	Y	483,939	None	
28	1,106	9.2	Y	582,211	None	
29	Plant	Off	Y	0	None	
30	1,111	9.4	Y	1,082,635	None	
31	1,102	10.2	Y	524,694	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 1/6/2025