

OHA - DWS

Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: February-25

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 27.13 psi || 27.00 ps

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 _{Max} [^{psi} / _{min}]	LRC [log removal]	DIT Daily [Y/N] or "off"
				0.09	4.00	
1	0.021	0.021	0.023	0.03	4.593	y
2	0.020	0.020	0.022	0.02	4.725	y
3	0.023	0.023	0.022	0.03	4.561	y
4	0.018	0.018	0.022	0.03	4.606	y
5	0.021	0.021	0.023	0.04	4.475	y
6	0.019	0.019	0.022	0.03	4.585	y
7	0.019	0.019	0.022	0.03	4.555	y
8	0.019	0.019	0.022	0.03	4.612	y
9	0.027	0.027	0.026	0.03	4.547	y
10	0.019	0.019	0.023	0.03	4.676	y
11	0.025	0.025	0.024	0.03	4.543	y
12	0.024	0.024	0.024	0.03	4.370	y
13	0.022	0.022	0.022	0.03	4.545	y
14	0.024	0.024	0.025	0.03	4.575	y
15	0.017	0.017	0.024	0.03	4.560	y
16	0.019	0.019	0.022	0.03	4.568	y
17	0.022	0.022	0.024	0.03	4.535	y
18	0.023	0.023	0.027	0.02	4.790	y
19	0.021	0.021	0.023	0.03	4.516	y
20	0.017	0.017	0.022	0.03	4.520	y
21	0.017	0.017	0.023	0.04	4.530	y
22	0.022	0.022	0.022	0.03	4.526	y
23	0.022	0.022	0.023	0.03	4.554	y
24	0.020	0.020	0.023	0.03	4.588	y
25	0.021	0.021	0.020	0.03	4.583	y
26	0.021	0.021	0.024	0.03	4.706	y
27	0.021	0.021	0.019	0.02	4.824	y
28	0.023	0.023	0.024	0.03	4.562	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 _{Max} , LRV ≥ LRC)	DIT Daily?
Yes	Yes	Yes	Yes	Yes
CT's met daily? (p. 2)	All Cl ₂ residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR _{Max} ?	LRV _{ambient} ≥ LRC?	
Yes	Yes	Yes	Yes	

PRINTED NAME: <u>Derek Osterman</u> SIGNATURE:	DATE: <u>3/2/2025</u> WT CERT #: <u>T-08919</u> PHONE #: <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

0.5

↔ Log
Inactivation
Required via
Disinfection

Day	Minimum Cl ₂ Residual at 1 st 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	1.10	66.2	72.8	5.9	7.69	32.8	YES	1,101	
2	1.04	66.1	68.7	6.5	7.67	31.0	YES	1,103	
3	1.15	66.3	76.2	7.6	7.64	28.9	YES	1,099	
4	1.30	68.9	89.6	6.5	7.63	31.5	YES	1,058	
5	1.43	66.9	95.7	5.0	7.66	35.9	YES	1,089	
6	1.36	66.8	90.8	5.1	7.68	35.6	YES	1,091	
7	1.32	69.1	91.2	5.3	7.62	34.2	YES	1,055	
8	1.20	68.5	82.2	6.5	7.65	31.4	YES	1,064	
9	1.23	66.3	81.5	6.3	7.64	31.8	YES	1,099	
10	1.34	68.0	91.1	5.1	7.62	34.7	YES	1,072	
11	1.27	66.5	84.5	4.5	7.69	36.8	YES	1,095	
12	1.28	68.9	88.2	4.1	7.62	36.9	YES	1,057	
13	1.43	62.0	88.7	4.1	7.65	38.0	YES	1,176	
14	1.39	60.7	84.4	5.6	7.86	37.0	YES	1,200	
15	1.31	60.8	79.6	6.5	7.62	31.5	YES	1,199	
16	1.35	62.6	84.5	6.6	7.57	30.8	YES	1,163	
17	1.15	61.0	70.2	7.7	7.64	28.7	YES	1,195	
18	1.05	61.2	64.3	7.8	7.65	28.3	YES	1,190	
19	1.26	61.7	77.7	8.4	7.70	28.3	YES	1,180	
20	1.51	75.2	113.6	7.2	7.47	29.1	YES	969	
21	1.58	75.6	119.4	7.2	7.48	29.4	YES	964	
22	1.28	73.5	94.1	7.8	7.61	28.6	YES	981	
23	1.12	71.9	80.5	8.8	7.60	26.2	YES	1,013	
24	1.05	73.3	77.0	9.1	7.51	24.6	YES	994	
25	1.48	72.6	107.4	8.7	7.55	27.0	YES	1,004	
26	1.61	72.4	116.6	8.6	7.60	28.0	YES	1,007	
27	1.45	73.1	106.0	9.1	7.58	26.4	YES	997	
28	1.39	72.6	100.9	9.0	7.60	26.6	YES	1,003	

♦ 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 10th of following month by

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

email: 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: **Feb / 2025**

Minimum UVT [%] during month: 90.0%

Duty sensor variation from reference sensor %: 13.6%

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	1,101	7.8	Y	530,183	None	
2	1,103	7.2	Y	736,218	None	
3	1,099	8.4	Y	485,131	None	
4	1,058	8.6	Y	408,988	None	
5	1,089	9.2	Y	788,012	None	
6	1,091	8.9	Y	468,531	None	
7	1,055	8.7	Y	626,239	None	
8	1,064	10.0	Y	275,889	None	
9	1,099	9.1	Y	453,908	None	
10	1,072	8.9	Y	646,867	None	
11	1,095	8.6	Y	965,146	None	
12	1,057	7.3	Y	764,090	None	
13	1,176	9.4	Y	351,955	None	
14	1,200	9.1	Y	729,765	None	
15	1,199	8.5	Y	198,608	None	
16	1,163	8.2	Y	411,409	None	
17	1,195	7.6	Y	966,031	None	
18	1,190	8.3	Y	509,727	None	
19	1,180	8.3	Y	523,950	None	
20	969	9.0	Y	202,563	None	
21	964	8.6	Y	436,407	None	
22	981	9.3	Y	478,571	None	
23	1,013	6.7	Y	873,660	None	
24	994	6.7	Y	627,895	None	
25	1,004	9.7	Y	340,122	None	
26	1,007	10.0	Y	636,130	None	
27	997	10.0	Y	560,115	None	
28	1,003	10.5	Y	422,836	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 3/2/2025