

OHA - DWS

Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: August-24

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 28.4 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 _{Max} [^{psi} / _{min}]	LRC [log removal]	DIT Daily
				0.09	4.00	
				Highest PDR of day [^{psi} / _{min}]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.021	0.021	0.030	0.03	4.617	y
2	0.021	0.021	0.029	0.03	4.685	y
3	0.021	0.021	0.029	0.02	4.800	y
4	0.018	0.018	0.031	0.03	4.632	y
5	0.018	0.018	0.029	0.03	4.622	y
6	0.017	0.017	0.030	0.02	4.769	y
7	0.020	0.020	0.029	0.02	4.837	y
8	0.020	0.020	0.033	0.03	4.805	y
9	0.015	0.015	0.026	0.02	4.782	y
10	0.015	0.015	0.027	0.02	4.776	y
11	0.016	0.016	0.029	0.02	4.792	y
12	0.020	0.020	0.030	0.02	4.768	y
13	0.020	0.020	0.029	0.02	4.886	y
14	0.016	0.016	0.030	0.02	4.854	y
15	0.016	0.016	0.028	0.03	4.862	y
16	0.019	0.019	0.035	0.03	4.844	y
17	0.015	0.015	0.027	0.02	4.826	y
18	0.015	0.015	0.027	0.02	4.846	y
19	0.018	0.018	0.029	0.02	4.915	y
20	0.022	0.022	0.028	0.02	4.832	y
21	0.019	0.019	0.027	0.02	4.657	y
22	0.021	0.021	0.029	0.02	4.827	y
23	0.020	0.020	0.027	0.03	4.824	y
24	0.016	0.016	0.027	0.03	4.646	y
25	0.017	0.017	0.028	0.02	4.826	y
26	0.027	0.027	0.030	0.02	4.891	y
27	0.020	0.020	0.032	0.03	4.685	y
28	0.018	0.018	0.030	0.02	4.823	y
29	0.018	0.018	0.029	0.03	4.679	y
30	0.018	0.018	0.028	0.03	4.657	y
31	0.015	0.015	0.026	0.02	4.850	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: Derek Osterman **DATE:** 9/3/2024
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
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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	1.58	46.7	73.8	24.6	7.75	10.1	YES	1,574	
2	1.56	46.1	71.9	25.3	8.00	10.6	YES	1,581	
3	1.62	46.0	74.5	26.3	8.05	10.1	YES	1,585	
4	1.49	45.9	68.4	25.2	8.01	10.6	YES	1,586	
5	1.54	46.0	70.8	24.8	7.74	9.9	YES	1,584	
6	1.30	47.7	62.0	25.7	7.74	9.0	YES	1,526	
7	1.51	46.2	69.8	23.6	7.72	10.6	YES	1,576	
8	1.56	45.9	71.6	23.7	7.68	10.4	YES	1,587	
9	1.52	49.9	75.8	25.2	7.91	10.2	YES	1,460	
10	1.50	50.0	75.0	25.1	7.90	10.2	YES	1,456	
11	1.58	50.4	79.6	24.9	8.10	11.3	YES	1,446	
12	1.57	48.6	76.3	23.7	7.75	10.7	YES	1,498	
13	1.41	46.3	65.3	21.8	7.70	11.7	YES	1,573	
14	1.58	46.5	73.5	22.2	7.94	12.7	YES	1,566	
15	1.71	49.9	85.3	23.5	7.99	12.1	YES	1,461	
16	1.70	46.4	78.9	23.0	7.67	11.1	YES	1,570	
17	1.84	47.3	87.0	23.1	7.84	11.9	YES	1,540	
18	1.79	47.5	85.0	21.1	7.73	13.0	YES	1,532	
19	1.64	46.3	75.9	21.3	7.83	13.1	YES	1,573	
20	1.50	45.9	68.9	21.0	7.74	12.7	YES	1,586	
21	1.72	47.4	81.5	22.8	7.84	12.0	YES	1,538	
22	1.70	48.5	82.5	21.7	7.73	12.4	YES	1,503	
23	1.90	48.6	92.3	20.5	7.86	14.4	YES	1,500	
24	1.71	48.4	82.8	19.9	7.78	14.2	YES	1,506	
25	1.75	48.4	84.7	21.1	8.05	14.6	YES	1,505	
26	1.84	48.7	89.6	20.6	7.87	14.2	YES	1,495	
27	1.69	48.1	81.3	20.6	7.87	14.0	YES	1,514	
28	1.71	48.3	82.6	19.9	7.75	14.1	YES	1,508	
29	1.73	48.5	83.9	19.7	8.07	16.1	YES	1,501	
30	1.61	47.2	76.0	21.3	7.85	13.1	YES	1,544	
31	1.50	47.3	71.0	23.3	7.73	10.8	YES	1,539	

♦ 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@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: **Aug / 2024**

Minimum UVT [%] during month: 90.00%

Duty sensor variation from reference sensor %: 15.7%

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]	[^{mj} /cm ²]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1,574	7.7	Y	1,114,516	None	
2	1,581	8.8	Y	1,430,975	None	
3	1,585	7.3	Y	1,189,203	None	
4	1,586	7.4	Y	1,043,875	None	
5	1,584	7.2	Y	1,045,779	None	
6	1,526	7.6	Y	1,023,997	None	
7	1,576	8.4	Y	904,823	None	
8	1,587	8.6	Y	1,097,141	None	
9	1,460	6.9	Y	1,067,525	None	
10	1,456	7.1	Y	998,319	None	
11	1,446	7.1	Y	1,043,112	None	
12	1,498	6.9	Y	771,044	None	
13	1,573	6.8	Y	912,881	None	
14	1,566	6.8	Y	937,631	None	
15	1,461	7.1	Y	1,051,062	None	
16	1,570	7.1	Y	818,987	None	
17	1,540	7.1	Y	761,476	None	
18	1,532	6.9	Y	787,034	None	
19	1,573	7.0	Y	670,012	None	
20	1,586	6.4	Y	1,288,433	None	
21	1,538	7.2	Y	505,487	None	
22	1,503	6.9	Y	770,964	None	
23	1,500	7.0	Y	792,809	None	
24	1,506	7.0	Y	744,527	None	
25	1,505	6.9	Y	804,432	None	
26	1,495	7.4	Y	580,959	None	
27	1,514	8.2	Y	931,749	None	
28	1,508	8.2	Y	882,989	None	
29	1,501	8.0	Y	854,502	None	
30	1,544	7.4	Y	974,474	None	
31	1,539	7.9	Y	932,030	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 9/3/2024