

OHA - DWS

Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: October-24

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

**DIT
Daily**

PDR_{Max} [^{psi}/_{min}]

LRC [log removal]

0.09

4.00

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	Highest PDR of day [^{psi} / _{min}]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.022	0.022	0.027	0.02	4.804	y
2	0.020	0.020	0.026	0.02	4.807	y
3	0.026	0.026	0.030	0.03	4.623	y
4	0.024	0.024	0.030	0.02	4.784	y
5	0.018	0.018	0.026	0.02	4.857	y
6	0.019	0.019	0.028	0.02	4.784	y
7	0.024	0.024	0.027	0.02	4.801	y
8	0.024	0.024	0.028	0.02	4.807	y
9	0.022	0.022	0.028	0.02	4.783	y
10	0.024	0.024	0.030	0.02	4.786	y
11	0.026	0.026	0.027	0.02	4.797	y
12	0.018	0.018	0.025	0.02	4.789	y
13	0.018	0.018	0.026	0.02	4.815	y
14	0.022	0.022	0.027	0.02	4.804	y
15	0.019	0.019	0.027	0.02	4.784	y
16	0.022	0.022	0.029	0.02	4.855	y
17	0.018	0.018	0.028	0.03	4.624	y
18	0.021	0.021	0.026	0.02	4.609	y
19	0.017	0.017	0.025	0.02	4.777	y
20	0.022	0.022	0.026	0.02	4.775	y
21	0.020	0.020	0.028	0.02	4.760	y
22	0.026	0.026	0.028	0.02	4.817	y
23	0.024	0.024	0.027	0.02	4.754	y
24	0.025	0.025	0.026	0.03	4.648	y
25	0.018	0.018	0.025	0.02	4.782	y
26	0.017	0.017	0.026	0.02	4.648	y
27	0.021	0.021	0.027	0.02	4.732	y
28	0.021	0.021	0.026	0.02	4.727	y
29	0.025	0.025	0.029	0.02	4.774	y
30	0.019	0.019	0.028	0.02	4.718	y
31	0.018	0.018	0.025	0.02	4.690	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:** 11/1/2024
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	1.55	48.6	75.3	16.3	7.73	17.4	YES	1,500	
2	1.24	47.4	58.8	16.4	7.86	17.5	YES	1,535	
3	1.51	48.0	72.5	15.9	7.71	17.7	YES	1,517	
4	1.49	47.7	71.1	15.1	7.73	18.7	YES	1,526	
5	1.54	47.6	73.3	16.5	7.63	16.6	YES	1,529	
6	1.55	48.0	74.4	15.7	7.66	17.7	YES	1,518	
7	1.51	48.1	72.6	15.7	7.63	17.4	YES	1,515	
8	1.54	48.0	73.9	16.0	7.80	18.2	YES	1,517	
9	1.52	47.6	72.4	16.7	7.75	17.0	YES	1,529	
10	1.46	48.2	70.4	17.0	7.71	16.3	YES	1,511	
11	1.51	48.0	72.5	16.4	7.79	17.6	YES	1,518	
12	1.57	46.8	73.5	16.6	7.73	17.1	YES	1,556	
13	1.45	46.6	67.6	17.6	7.79	16.2	YES	1,564	
14	1.48	46.7	69.1	18.1	7.81	15.8	YES	1,554	
15	1.46	47.4	69.2	17.0	7.65	16.0	YES	1,538	
16	1.53	47.4	72.5	17.2	7.69	16.1	YES	1,535	
17	1.50	47.0	70.5	15.6	7.74	18.2	YES	1,550	
18	1.30	48.2	62.7	18.1	7.75	15.1	YES	1,512	
19	1.46	48.0	70.1	18.5	7.77	15.1	YES	1,517	
20	1.39	47.3	65.7	15.4	7.97	19.8	YES	1,539	
21	1.36	47.3	64.3	15.2	8.19	21.7	YES	1,540	
22	1.53	47.6	72.8	14.0	8.00	22.4	YES	1,529	
23	1.58	47.4	74.9	13.0	7.97	23.8	YES	1,537	
24	1.31	47.5	62.2	12.6	8.06	24.5	YES	1,532	
25	1.56	47.7	74.4	12.9	7.95	23.7	YES	1,528	
26	1.29	47.5	61.3	13.8	7.75	20.1	YES	1,533	
27	1.47	47.6	70.0	13.3	8.06	23.8	YES	1,531	
28	1.37	47.6	65.2	13.3	8.13	24.1	YES	1,529	
29	1.53	47.6	72.8	13.3	8.12	24.5	YES	1,530	
30	1.35	47.4	64.0	13.3	8.08	23.6	YES	1,538	
31	1.39	47.9	66.6	11.6	8.12	26.9	YES	1,522	

♦ 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: **Oct / 2024**

Minimum UVT [%] during month: 94.2%

Duty sensor variation from reference sensor %: 16.3%

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	1,500	8.5	Y	594,706	None	
2	1,535	8.4	Y	769,340	None	
3	1,517	8.1	Y	781,893	None	
4	1,526	8.4	Y	749,563	None	
5	1,529	8.4	Y	775,646	None	
6	1,518	8.3	Y	740,408	None	
7	1,515	8.3	Y	746,317	None	
8	1,517	8.4	Y	684,395	None	
9	1,529	8.1	Y	795,798	None	
10	1,511	8.3	Y	646,694	None	
11	1,518	8.7	Y	606,169	None	
12	1,556	8.2	Y	866,248	None	
13	1,564	8.3	Y	813,605	None	
14	1,554	8.5	Y	761,913	None	
15	1,538	8.8	Y	439,852	None	
16	1,535	8.9	Y	846,296	None	
17	1,550	8.9	Y	671,102	None	
18	1,512	9.0	Y	523,295	None	
19	1,517	9.2	Y	683,432	None	
20	1,539	8.7	Y	668,487	None	
21	1,540	8.5	Y	608,681	None	
22	1,529	9.3	Y	361,566	None	
23	1,537	8.9	Y	685,501	None	
24	1,532	8.4	Y	681,903	None	
25	1,528	8.6	Y	565,689	None	
26	1,533	8.5	Y	558,855	None	
27	1,531	8.5	Y	453,505	None	
28	1,529	8.1	Y	683,537	None	
29	1,530	8.4	Y	556,577	None	
30	1,538	8.4	Y	661,733	None	
31	1,522	8.7	Y	434,707	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 11/1/2024