

# OHA - DWS

## Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: June-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

**DIT  
Daily**

PDR<sub>Max</sub> [<sup>psi</sup>/<sub>min</sub>]

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 [ <sup>psi</sup> / <sub>min</sub> ]	Lowest LRV <sub>ambient</sub> of day [log removal]	[Y/N] or "off"
1	0.025	0.025	0.022	0.02	4.815	y
2	0.025	0.025	0.023	0.03	4.649	y
3	0.025	0.025	0.022	0.02	4.817	y
4	0.020	0.020	0.023	0.02	4.837	y
5	0.020	0.020	0.024	0.02	4.827	y
6	0.017	0.017	0.027	0.02	4.817	y
7	0.015	0.015	0.023	0.02	4.819	y
8	0.014	0.014	0.028	0.02	4.679	y
9	0.014	0.014	0.023	0.03	4.823	y
10	0.018	0.018	0.023	0.02	4.910	y
11	0.018	0.018	0.022	0.02	4.831	y
12	0.020	0.020	0.023	0.02	4.850	y
13	0.021	0.021	0.024	0.02	4.851	y
14	0.023	0.023	0.023	0.03	4.657	y
15	0.014	0.014	0.027	0.02	4.805	y
16	0.025	0.025	0.022	0.02	4.826	y
17	0.025	0.025	0.023	0.01	5.101	y
18	0.024	0.024	0.023	0.02	4.887	y
19	0.014	0.014	0.022	0.02	4.813	y
20	0.023	0.023	0.026	0.06	4.827	y
21	0.018	0.018	0.024	0.02	4.824	y
22	0.015	0.015	0.024	0.02	4.843	y
23	0.029	0.029	0.025	0.02	4.829	y
24	0.030	0.030	0.023	0.02	4.817	y
25	0.019	0.019	0.023	0.02	4.888	y
26	0.016	0.016	0.024	0.02	4.826	y
27	0.016	0.016	0.023	0.02	4.831	y
28	0.018	0.018	0.024	0.03	4.828	y
29	0.021	0.021	0.026	0.03	4.745	y
30	0.019	0.019	0.022	0.02	4.825	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:** 7/1/2024  
**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

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	1.06	58.3	61.8	17.7	7.72	15.0	YES	1,250	
2	1.04	56.5	58.8	19.2	7.77	13.8	YES	1,290	
3	1.06	56.4	59.8	18.7	7.80	14.4	YES	1,292	
4	1.15	50.1	57.6	18.8	7.70	13.9	YES	1,454	
5	1.05	49.0	51.5	18.7	7.69	13.8	YES	1,486	
6	1.14	49.0	55.9	19.1	7.73	13.8	YES	1,487	
7	1.07	49.0	52.4	20.5	7.62	12.0	YES	1,485	
8	1.10	48.9	53.8	21.7	7.68	11.3	YES	1,491	
9	1.15	48.6	55.9	21.7	7.69	11.4	YES	1,499	
10	1.08	49.0	52.9	21.5	7.60	11.1	YES	1,485	
11	1.20	49.3	59.2	22.4	7.71	11.0	YES	1,476	
12	1.07	49.0	52.4	21.8	7.72	11.4	YES	1,487	
13	1.04	49.3	51.3	21.1	7.89	12.7	YES	1,477	
14	1.24	49.4	61.3	20.9	7.78	12.6	YES	1,473	
15	1.33	49.4	65.7	22.6	7.92	12.0	YES	1,473	
16	1.13	49.7	56.2	20.5	7.84	13.1	YES	1,466	
17	1.37	49.4	67.7	18.0	7.87	16.1	YES	1,474	
18	1.30	49.0	63.7	18.2	7.71	14.8	YES	1,486	
19	1.37	49.1	67.3	19.7	7.80	14.0	YES	1,482	
20	1.40	48.9	68.5	21.0	8.08	14.3	YES	1,489	
21	1.27	49.1	62.4	22.1	7.88	12.1	YES	1,482	
22	1.16	49.1	57.0	23.3	7.87	11.0	YES	1,482	
23	1.31	49.2	64.5	23.4	7.93	11.4	YES	1,480	
24	1.32	49.4	65.2	22.5	7.92	12.0	YES	1,474	
25	1.31	48.8	63.9	23.6	8.16	12.2	YES	1,493	
26	1.26	49.2	62.0	23.5	7.67	10.2	YES	1,479	
27	1.09	49.0	53.4	22.5	7.62	10.5	YES	1,488	
28	1.33	49.2	65.4	23.2	7.78	10.9	YES	1,480	
29	1.26	49.0	61.7	23.7	7.89	10.9	YES	1,488	
30	1.32	49.0	64.7	23.1	7.90	11.5	YES	1,485	

♦ 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: **Jun / 2024**

Minimum UVT [%] during month: 91.9%

Duty sensor variation from reference sensor %: 15.2%

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>mW</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1,250	9.1	Y	830,927	None	
2	1,290	9.2	Y	780,859	None	
3	1,292	8.9	Y	653,537	None	
4	1,454	9.3	Y	688,594	None	
5	1,486	8.9	Y	879,297	None	
6	1,487	8.2	Y	850,097	None	
7	1,485	8.0	Y	956,304	None	
8	1,491	8.2	Y	928,518	None	
9	1,499	7.7	Y	1,108,055	None	
10	1,485	8.4	Y	1,013,057	None	
11	1,476	8.8	Y	746,410	None	
12	1,487	8.2	Y	1,030,311	None	
13	1,477	8.1	Y	933,010	None	
14	1,473	8.6	Y	898,135	None	
15	1,473	9.0	Y	795,475	None	
16	1,466	8.5	Y	811,795	None	
17	1,474	8.7	Y	971,912	None	
18	1,486	8.6	Y	837,435	None	
19	1,482	8.2	Y	1,129,260	None	
20	1,489	9.0	Y	948,160	None	
21	1,482	9.1	Y	1,046,777	None	
22	1,482	7.1	Y	996,060	None	
23	1,480	7.6	Y	983,516	None	
24	1,474	9.6	Y	1,043,025	None	
25	1,493	9.6	Y	1,000,451	None	
26	1,479	9.6	Y	988,759	None	
27	1,488	9.6	Y	1,038,217	None	
28	1,480	9.6	Y	1,044,371	None	
29	1,488	9.5	Y	1,030,111	None	
30	1,485	9.4	Y	1,138,974	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 7/1/2024