

OHA - DWS

Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: July-24

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 28.7 psi || 27.0 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
				0.09		4.00	
				Highest PDR of day [^{psi} / _{min}]	Lowest LRV _{ambient} of day [log removal]		[Y/N] or "off"
1	0.019	0.019	0.025	0.02	4.849		y
2	0.023	0.023	0.026	0.02	4.882		y
3	0.016	0.016	0.024	0.02	4.823		y
4	0.015	0.015	0.023	0.02	4.824		y
5	0.015	0.015	0.023	0.02	4.871		y
6	0.015	0.015	0.023	0.03	4.694		y
7	0.022	0.022	0.023	0.02	4.863		y
8	0.015	0.015	0.023	0.02	4.851		y
9	0.015	0.015	0.023	0.02	4.857		y
10	0.015	0.015	0.023	0.02	4.861		y
11	0.015	0.015	0.023	0.02	4.835		y
12	0.023	0.023	0.023	0.02	4.856		y
13	0.016	0.016	0.024	0.02	4.843		y
14	0.023	0.023	0.024	0.03	4.725		y
15	0.023	0.023	0.027	0.02	4.831		y
16	0.027	0.027	0.028	0.03	4.676		y
17	0.024	0.024	0.026	0.02	4.823		y
18	0.027	0.027	0.028	0.02	4.825		y
19	0.016	0.016	0.026	0.03	4.749		y
20	0.015	0.015	0.024	0.03	4.695		y
21	0.018	0.018	0.030	0.03	4.719		y
22	0.022	0.022	0.028	0.02	4.802		y
23	0.021	0.021	0.028	0.02	4.823		y
24	0.021	0.021	0.026	0.02	4.854		y
25	0.021	0.021	0.028	0.02	4.780		y
26	0.019	0.019	0.028	0.02	4.778		y
27	0.028	0.028	0.025	0.03	4.659		y
28	0.019	0.019	0.029	0.03	4.674		y
29	0.032	0.032	0.029	0.03	4.726		y
30	0.027	0.027	0.030	0.03	4.514		y
31	0.024	0.024	0.029	0.02	4.877		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:** 8/2/2024
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 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	1.38	44.4	61.3	23.4	7.86	11.2	YES	1,639	
2	1.03	44.2	45.5	23.2	7.84	10.8	YES	1,647	
3	1.53	44.1	67.5	22.9	7.85	11.7	YES	1,650	
4	1.43	43.7	62.5	22.5	7.88	12.0	YES	1,665	
5	1.33	44.2	58.8	23.5	7.91	11.2	YES	1,648	
6	1.32	44.2	58.3	24.5	8.10	11.3	YES	1,647	
7	1.30	45.8	59.5	24.6	7.87	10.2	YES	1,591	
8	1.49	45.3	67.5	25.7	7.79	9.4	YES	1,607	
9	1.13	43.7	49.4	26.0	7.81	8.9	YES	1,667	
10	1.10	45.7	50.3	26.0	7.78	8.8	YES	1,605	
11	1.05	52.2	54.8	25.6	7.56	8.3	YES	1,396	
12	1.04	40.9	42.5	25.2	7.62	8.7	YES	1,782	
13	1.04	41.4	43.1	25.2	7.55	8.4	YES	1,757	
14	1.00	41.2	41.2	25.0	7.62	8.8	YES	1,766	
15	1.07	50.0	53.5	26.1	7.62	8.2	YES	1,456	
16	1.07	49.0	52.4	25.6	7.65	8.6	YES	1,487	
17	1.05	46.4	48.7	24.7	7.70	9.3	YES	1,570	
18	1.12	46.4	52.0	24.4	7.78	9.8	YES	1,570	
19	1.15	66.4	76.4	25.2	7.81	9.4	YES	1,097	
20	1.15	53.1	61.1	26.7	7.89	8.8	YES	1,371	
21	1.12	46.1	51.6	25.3	7.96	9.9	YES	1,581	
22	1.28	46.0	58.9	24.1	7.98	11.0	YES	1,584	
23	1.10	45.9	50.5	24.4	8.00	10.6	YES	1,588	
24	1.22	45.9	56.0	23.3	8.06	11.9	YES	1,588	
25	1.35	45.9	62.0	23.4	8.06	12.0	YES	1,586	
26	1.51	46.0	69.5	23.3	8.09	12.4	YES	1,583	
27	1.23	46.0	56.6	25.1	7.79	9.5	YES	1,582	
28	1.36	45.8	62.3	23.0	7.96	11.9	YES	1,590	
29	1.30	46.2	60.1	23.0	8.12	12.5	YES	1,576	
30	1.59	46.7	74.3	23.3	8.19	13.0	YES	1,559	
31	1.42	46.2	65.6	23.8	8.20	12.4	YES	1,575	

♦ 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: **Jul / 2024**

Minimum UVT [%] during month: 94.0%

Duty sensor variation from reference sensor %: 15.6%

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]	[^{mj} /cm ²]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1,639	9.3	Y	924,413	None	
2	1,647	9.7	Y	951,342	None	
3	1,650	9.5	Y	1,087,421	None	
4	1,665	9.5	Y	1,257,535	None	
5	1,648	9.1	Y	1,463,918	None	
6	1,647	9.1	Y	846,757	None	
7	1,591	9.5	Y	1,256,885	None	
8	1,607	9.4	Y	858,360	None	
9	1,667	9.7	Y	852,784	None	
10	1,605	9.3	Y	831,567	None	
11	1,396	9.8	Y	1,390,323	None	
12	1,782	8.1	Y	932,875	None	
13	1,757	8.7	Y	1,170,978	None	
14	1,766	8.9	Y	1,425,953	None	
15	1,456	8.3	Y	1,062,770	None	
16	1,487	8.3	Y	1,186,162	None	
17	1,570	8.6	Y	812,975	None	
18	1,570	9.4	Y	1,154,327	None	
19	1,097	9.2	Y	1,352,214	None	
20	1,371	8.7	Y	1,149,429	None	
21	1,581	8.7	Y	994,550	None	
22	1,584	8.3	Y	1,007,594	None	
23	1,588	8.4	Y	1,010,337	None	
24	1,588	8.0	Y	1,128,421	None	
25	1,586	8.1	Y	983,074	None	
26	1,583	8.1	Y	964,861	None	
27	1,582	7.7	Y	1,352,307	None	
28	1,590	7.7	Y	1,019,042	None	
29	1,576	8.7	Y	1,165,009	None	
30	1,559	8.7	Y	911,468	None	
31	1,575	7.6	Y	1,121,279	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 8/2/2024