

OHA - DWS

Membrane Filter Monthly Operating Report

County: Douglas

System Name: Winston Dillard Water District

Month/Year: March-24

PWS ID#: 41 - 00957

Minimum test pressure applied || req'd: 27.45 psi || 27.00 p

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	0.015	0.015	0.023	0.02	4.803	y
2	0.015	0.015	0.023	0.03	4.604	y
3	0.015	0.015	0.023	0.02	4.613	y
4	0.015	0.015	0.024	0.02	4.798	y
5	0.021	0.021	0.024	0.02	4.759	y
6	0.019	0.019	0.024	0.03	4.613	y
7	0.023	0.023	0.023	0.02	4.811	y
8	0.022	0.022	0.027	0.02	4.789	y
9	0.016	0.016	0.022	0.02	4.780	y
10	0.016	0.016	0.023	0.02	4.768	y
11	0.017	0.017	0.025	0.02	4.770	y
12	0.018	0.018	0.024	0.02	4.670	y
13	0.022	0.022	0.022	0.03	4.550	y
14	0.016	0.016	0.022	0.02	4.633	y
15	0.014	0.014	0.023	0.02	4.810	y
16	0.015	0.015	0.022	0.03	4.655	y
17	0.021	0.021	0.022	0.02	4.821	y
18	0.021	0.021	0.022	0.02	4.818	y
19	0.029	0.029	0.022	0.02	4.810	y
20	0.016	0.016	0.022	0.02	4.831	y
21	0.018	0.018	0.022	0.02	4.837	y
22	0.020	0.020	0.022	0.02	4.815	y
23	0.014	0.014	0.022	0.03	4.648	y
24	0.018	0.018	0.022	0.02	4.827	y
25	0.017	0.017	0.023	0.02	4.820	y
26	0.019	0.019	0.022	0.02	4.861	y
27	0.022	0.022	0.022	0.03	4.626	y
28	0.016	0.016	0.027	0.03	4.560	y
29	0.016	0.016	0.022	0.02	4.725	y
30	0.014	0.014	0.022	0.03	4.545	y
31	0.023	0.023	0.022	0.02	4.713	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	

<p>PRINTED NAME: <u>Derek Osterman</u></p> <p>SIGNATURE: <i>Derek Osterman</i></p>	<p>DATE: <u>4/1/2024</u></p> <p>WT CERT #: <u>T-08919</u></p> <p>PHONE #: <u>(541)679-8467</u></p>
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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	1.35	58.5	79.0	7.9	7.45	27.0	YES	1,246	
2	1.36	60.9	82.8	8.1	7.42	26.4	YES	1,196	
3	1.57	61.8	97.0	6.7	7.35	29.0	YES	1,178	
4	1.49	61.9	92.2	6.7	7.41	29.4	YES	1,177	
5	1.51	61.0	92.1	6.4	7.46	30.6	YES	1,194	
6	1.49	62.4	93.0	6.9	7.38	28.7	YES	1,167	
7	1.28	61.3	78.5	7.2	7.44	28.0	YES	1,183	
8	1.45	61.3	88.9	8.3	7.48	26.9	YES	1,188	
9	1.58	63.6	100.5	8.0	7.46	27.7	YES	1,146	
10	1.53	61.3	93.8	7.6	7.48	28.5	YES	1,188	
11	1.42	61.2	86.9	7.8	7.51	28.0	YES	1,191	
12	1.39	61.2	85.1	8.9	7.53	26.1	YES	1,190	
13	1.33	61.8	82.2	8.8	7.52	26.0	YES	1,179	
14	1.39	51.6	71.7	10.8	7.52	22.9	YES	1,412	
15	1.52	48.3	73.4	8.8	7.51	26.5	YES	1,509	
16	1.41	48.3	68.1	9.2	7.63	26.6	YES	1,507	
17	1.51	47.7	72.0	9.6	7.50	25.0	YES	1,527	
18	1.34	47.8	64.1	9.8	7.59	25.0	YES	1,525	
19	1.29	47.8	61.7	9.7	7.61	25.2	YES	1,525	
20	1.28	47.6	60.9	10.0	7.45	23.3	YES	1,531	
21	1.25	47.6	59.5	9.9	7.52	24.0	YES	1,531	
22	1.27	47.1	59.8	10.1	7.56	24.0	YES	1,545	
23	1.18	47.4	55.9	9.3	7.61	25.6	YES	1,537	
24	1.10	46.7	51.4	9.4	7.62	25.2	YES	1,560	
25	1.08	47.3	51.1	9.0	7.50	24.8	YES	1,540	
26	1.10	46.8	51.5	10.4	7.73	24.6	YES	1,555	
27	1.01	83.4	84.2	10.4	7.70	24.1	YES	874	
28	1.01	84.6	85.4	9.9	7.66	24.5	YES	861	
29	1.00	84.1	84.1	9.2	7.57	24.8	YES	866	
30	1.06	85.9	91.1	8.8	7.54	25.4	YES	848	
31	1.01	83.3	84.1	10.2	7.71	24.5	YES	875	

♦ 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: **Mar / 2024**

Minimum UVT [%] during month: 92.9%

Duty sensor variation from reference sensor %: 10.0%

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	1,246	6.2	Y	928,924	None	
2	1,196	6.2	Y	222,933	None	
3	1,178	6.0	Y	468,683	None	
4	1,177	6.4	Y	816,634	None	
5	1,194	8.6	Y	770,747	None	
6	1,167	8.7	Y	386,386	None	
7	1,183	9.1	Y	777,247	None	
8	1,188	8.9	Y	328,090	None	
9	1,146	9.3	Y	382,509	None	
10	1,188	9.3	Y	753,344	None	
11	1,191	10.0	Y	827,448	None	
12	1,190	10.2	Y	573,750	None	
13	1,179	10.1	Y	489,756	None	
14	1,412	9.8	Y	606,449	None	
15	1,509	10.7	Y	579,406	None	
16	1,507	10.9	Y	564,755	None	
17	1,527	9.5	Y	719,839	None	
18	1,525	9.7	Y	575,030	None	
19	1,525	10.4	Y	476,202	None	
20	1,531	10.2	Y	483,570	None	
21	1,531	10.4	Y	416,072	None	
22	1,545	9.6	Y	632,750	None	
23	1,537	9.7	Y	747,234	None	
24	1,560	9.1	Y	705,173	None	
25	1,540	9.0	Y	661,118	None	
26	1,555	9.4	Y	499,415	None	
27	874	8.5	Y	224,690	None	
28	861	7.3	Y	665,029	None	
29	866	9.3	Y	281,719	None	
30	848	8.4	Y	703,321	None	
31	875	9.2	Y	613,665	None	
Monthly Cumulative % Off-Spec Water Produced						None

Signature: *Derek Osterman*

Op Cert #: T 08919

Date: 4/1/2024