

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Umatilla**

System Name: **City of Pendleton**

Month/Year: **May-2024**

PWS ID#: 41 - **000613**

Minimum test pressure applied: **10.5** psi

Plant ID: WTP - **A**

Minimum test pressure req'd: **10.07** psi

(e.g., "A")

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]	PDR _{Max} [psi/min]	LRC [log removal]	DIT Daily
				0.154	4.00	
				Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.040	0.046	N/A	0.06	4.07	Y
2	0.041	0.071	N/A	0.08	4.06	Y
3	0.040	0.044	N/A	0.07	4.07	Y
4	0.040	0.046	N/A	0.07	4.07	Y
5	0.040	0.044	N/A	0.07	4.07	Y
6	0.040	0.045	N/A	0.08	4.06	Y
7	0.042	0.050	N/A	0.08	4.06	Y
8	0.041	0.051	N/A	0.07	4.08	Y
9	0.041	0.059	N/A	0.07	4.10	Y
10	0.042	0.045	N/A	0.07	4.09	Y
11	0.044	0.047	N/A	0.07	4.09	Y
12	0.042	0.050	N/A	0.07	4.07	Y
13	0.042	0.050	N/A	0.07	4.07	Y
14	0.042	0.050	N/A	0.07	4.06	Y
15	0.042	0.053	N/A	0.07	4.07	Y
16	0.047	0.055	N/A	0.07	4.06	Y
17	0.043	0.083	N/A	0.07	4.03	Y
18	0.042	0.049	N/A	0.07	4.06	Y
19	0.042	0.049	N/A	0.07	4.02	Y
20	0.043	0.045	N/A	0.07	4.04	Y
21	0.043	0.061	N/A	0.07	4.05	Y
22	0.043	0.049	N/A	0.07	4.04	Y
23	0.043	0.052	N/A	0.07	4.02	Y
24	0.043	0.050	N/A	0.07	4.01	Y
25	0.043	0.048	N/A	0.07	4.05	Y
26	0.044	0.050	N/A	0.07	4.03	Y
27	0.043	0.051	N/A	0.07	4.04	Y
28	0.046	0.057	N/A	0.07	4.04	Y
29	0.063	0.050	N/A	0.08	4.09	Y
30	0.048	0.047	N/A	0.07	4.05	Y
31	0.051	0.046	N/A	0.07	4.06	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	

PRINTED NAME: **BOB PATTERSON** DATE: **6/6/2024**
 SIGNATURE: *[Signature]* WT CERT #: **6654**
 Notes: PHONE #: **541.969.3067**

♣ Used for optimization purposes only.

OHA-DWS

Disinfection Monthly Operating Report

System Name: City of Pendleton

PWS ID#: 41 - 613

Plant ID : WTP - A

0.5

Log
Inactivation
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	0.794	48	38.1	10.8	7.12	19	YES	7,499	
2	0.745	45	33.5	10.2	7.12	19	YES	8,107	
3	0.546	42	22.9	10.7	7.11	18	YES	7,500	
4	0.568	44	25.0	11.2	7.15	18	YES	8,255	
5	0.568	44	25.0	11.2	7.15	18	YES	8,255	
6	0.696	47	32.7	11.5	7.17	18	YES	7,502	
7	0.605	47	28.4	9.7	7.09	19	YES	7,489	
8	0.555	47	26.1	9.2	7.04	20	YES	7,518	
9	0.944	49	46.3	10.5	6.99	19	YES	7,500	
10	0.944	49	46.3	10.5	6.99	19	YES	7,500	
11	0.637	48	30.6	12.4	7.03	16	YES	7,530	
12	0.438	47	20.6	13.5	7.07	14	YES	7,527	
13	0.299	47	14.1	14.3	7.09	14	YES	7,517	
14	0.747	45	33.6	14.3	7.12	15	YES	8,249	
15	0.807	47	37.9	14.5	7.13	14	YES	8,241	
16	0.648	45	29.1	14.5	7.14	14	YES	8,221	
17	0.807	47	37.9	15.1	7.16	14	YES	7,493	
18	0.787	47	37.0	14.5	7.20	15	YES	7,488	
19	0.746	47	35.1	13.6	7.19	16	YES	7,520	
20	0.746	47	35.1	13.2	7.20	16	YES	7,521	
21	0.359	45	16.2	13.5	7.20	15	YES	8,240	
22	0.667	50	33.4	13.0	7.22	16	YES	8,174	
23	0.835	56	46.8	12.4	7.19	17	YES	7,843	
24	0.850	54	45.9	12.2	7.15	17	YES	7,430	
25	0.786	48	37.7	13.3	7.17	16	YES	7,512	
26	0.786	47	36.9	13.4	7.19	16	YES	7,486	
27	0.835	47	39.3	13.8	7.20	16	YES	7,500	
28	0.867	47	40.8	15.5	7.23	14	YES	7,493	
29	0.687	46	31.6	15.9	7.26	14	YES	7,797	
30	0.558	85	47.4	13.9	7.19	15	YES	1,429	
31	0.600	86	51.6	14.0	7.19	15	YES	1,444	

* 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

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