

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clatsop**

System Name: **Arch Cape Water District**

Month/Year: **Jul-2024**

PWS ID#: **41 - 00802**

Minimum test pressure applied: **18** psi

Plant ID: **WTP - A**
(e.g., "A")

Minimum test pressure req'd: **18** psi

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇔

PDR = Pressure Decay Rate

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

LRC [log removal]

LRC = Log Removal Credit

0.057

4.00

DIT
Daily

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU]	Highest PDR of day [^{psi} /min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	off	off	off	0.06		y
2	0.030	0.99	0.990	0.05		y
3	0.030	0.88	0.880	0.05		y
4	0.030	2.21	2.210	0.06		y
5	0.030	0.17	0.170	0.06		y
6	0.030	0.03	0.030	0.05		y
7	0.030	0.11	0.110	0.05		y
8	0.030	0.03	0.030	0.05		y
9	0.030	0.03	0.030	0.05		y
10	0.030	0.41	0.410	0.05		y
11	0.030	1.882	1.820	0.04		y
12	0.030	0.12	0.120	0.06		y
13	0.060	0.29	0.290	0.04		y
14	0.030	0.05	0.050	0.05		y
15	0.030	0.06	0.060	0.06		y
16	0.030	1.52	1.520	0.05		y
17	0.030	2.65	2.650	0.05		y
18	off	off	off	0.045		y
19	0.030	0.27	0.270	0.05		y
20	0.030	0.05	0.050	0.05		y
21	off	off	off	0.050		y
22	0.030	0.04	0.040	0.03		y
23	0.030	0.03	0.030	0.05		y
24	off	off	off	0.04		y
25	0.030	0.48	0.480	0.04		y
26	0.030	2.9	2.900	0.05		y
27	0.030	0.03	0.030	0.06		y
28	0.030	0.04	0.040	0.05		y
29	0.030	0.13	0.130	0.05		y
30	0.030	0.68	0.680	0.06		y
31	0.030	0.04	0.040	0.05		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	No	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		

PRINTED NAME: **Matthew R. Gardner** DATE: 8.5.24 *8.5/24*
 SIGNATURE: *[Signature]* WT CERT #: **T-09382 D-09383**
 Notes: *Call me for any LRV software upgrade status update requests* PHONE #: **503-436-2790**

Disinfection Monthly Operating Report

System Name: **Arch Cape Water District**

PWS ID#: 41 - **00802**

Plant ID : WTP - **A**

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	0.820	267	218.9	14.8	7.20	14.6	YES	84	
2	0.810	295	239.0	14.9	7.19	14.4	YES	72	
3	0.830	236	195.9	15.0	7.22	14.5	YES	92	
4	0.840	154	129.4	14.8	7.27	15.0	YES	147	
5	0.830	189	156.9	15.0	7.26	14.7	YES	117	
6	0.810	178	144.2	15.3	7.27	14.4	YES	126	
7	0.820	179	146.8	15.7	7.24	13.9	YES	124	
8	0.840	203	170.5	15.8	7.25	13.9	YES	109	
9	0.830	203	168.5	15.7	7.29	14.2	YES	102	
10	0.840	231	194.0	16.2	7.32	13.9	YES	92	
11	0.850	224	190.4	16.6	7.37	13.8	YES	93	
12	0.890	258	229.6	16.5	7.24	13.3	YES	88	
13	0.860	226	194.4	16.5	7.30	13.6	YES	100	
14	0.840	257	215.9	16.3	7.29	13.7	YES	84	
15	0.820	230	188.6	16.6	7.28	13.3	YES	92	
16	0.800	208	166.4	16.7	7.30	13.3	YES	104	
17	0.820	264	216.5	16.8	7.40	13.7	YES	82	
18	0.830	267	221.6	16.7	7.39	13.8	YES	84	
19	0.820	247	202.5	16.8	7.32	13.3	YES	84	
20	0.860	245	210.7	16.8	7.30	13.3	YES	90	
21	0.840	208	174.7	16.8	7.32	13.4	YES	106	
22	0.820	231	189.4	16.7	7.36	13.6	YES	90	
23	0.860	208	178.9	16.8	7.23	12.9	YES	105	
24	0.840	239	200.8	16.6	7.03	12.1	YES	92	
25	0.820	236	193.5	16.6	7.05	12.2	YES	89	
26	0.830	250	207.5	16.8	7.10	12.3	YES	88	
27	0.800	256	204.8	16.6	7.06	12.2	YES	88	
28	0.780	29	22.6	16.7	7.08	12.2	YES	724	
29	0.820	245	200.9	16.7	7.36	13.6	YES	92	
30	0.780	224	174.7	16.6	7.30	13.3	YES	94	
31	0.800	245	196.0	16.7	7.41	13.8	YES	92	

* 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: dpw.dmce@odhsoha.oregon.gov
 fax: 971-673-0458