

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clatsop**

System Name: **Arch Cape Water District**

Month/Year: **Apr-2025**

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

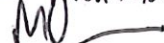
DIT
Daily

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 minutes)	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.030	0.04	0.040	0.054	4.24	Yes
2	0.030	0.04	0.040	0.054	4.31	Yes
3	OFF	OFF	OFF	OFF	OFF	OFF
4	OFF	OFF	OFF	OFF	OFF	OFF
5	0.030	0.04	0.040	0.048	4.38	Yes
6	0.030	0.04	0.040	0.048	4.34	Yes
7	OFF	OFF	OFF	OFF	OFF	OFF
8	OFF	OFF	OFF	OFF	OFF	OFF
9	OFF	OFF	OFF	OFF	OFF	OFF
10	OFF	OFF	OFF	OFF	OFF	OFF
11	0.030	0.04	0.040	0.045	4.43	Yes
12	0.030	0.04	0.040	0.055	4.24	Yes
13	0.030	0.04	0.040	0.047	4.28	Yes
14	OFF	OFF	OFF	OFF	OFF	OFF
15	OFF	OFF	OFF	OFF	OFF	OFF
16	0.030	0.04	0.040	0.032	4.53	Yes
17	0.030	0.03	0.040	0.055	4.28	Yes
18	OFF	OFF	OFF	OFF	OFF	OFF
19	OFF	OFF	OFF	OFF	OFF	OFF
20	0.030	0.04	0.040	0.051	4.31	Yes
21	OFF	OFF	OFF	OFF	OFF	OFF
22	OFF	OFF	OFF	OFF	OFF	OFF
23	0.030	0.04	0.040	0.032	4.53	Yes
24	0.030	0.04	0.040	0.053	4.29	Yes
25	OFF	OFF	OFF	OFF	OFF	OFF
26	OFF	OFF	OFF	OFF	OFF	OFF
27	OFF	OFF	OFF	OFF	OFF	OFF
28	0.030	0.04	0.040	0.054	4.23	Yes
29	OFF	OFF	OFF	OFF	OFF	OFF
30	0.030	0.04	0.040	0.046	4.41	Yes
31						

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: **Matthew R. Gardner**

SIGNATURE: 

Notes:

DATE: **5/7/25**

WT CERT #: **T-09382 D-09383**

PHONE #: **503 436 2790**

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Disinfection Monthly Operating ReportSystem Name: Arch Cape Water DistrictPWS ID#: 41 - 00802**0.5**Plant ID : WTP - A

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]	Lowest Reservoir Level (ft)
1	0.780	368	286.7	10.1	7.27	20.5	YES	53	22.2
2	0.800	399	319.2	10.0	7.26	20.7	YES	54	25.2
3	0.810	368	298.3	10.0	7.30	21.0	YES	60	26.0
4	0.800	283	226.1	9.9	7.41	21.9	YES	76	25.1
5	0.790	260	205.3	9.8	7.36	21.6	YES	80	24.1
6	0.790	272	214.9	10.1	7.29	20.7	YES	82	26.3
7	0.780	416	324.2	10.4	7.33	20.6	YES	54	26.5
8	0.790	468	370.0	10.4	7.34	20.7	YES	46	25.2
9	0.790	242	191.3	10.5	7.36	20.7	YES	85	23.8
10	0.790	461	364.2	10.5	7.36	20.7	YES	43	22.7
11	0.780	278	217.1	10.6	7.36	20.5	YES	67	21.0
12	0.800	258	206.7	10.7	7.35	20.4	YES	77	22.8
13	0.830	321	266.1	10.6	7.29	20.1	YES	67	25.1
14	0.810	333	269.8	10.5	7.36	20.7	YES	68	26.8
15	0.800	473	378.3	10.7	7.37	20.5	YES	46	25.5
16	0.790	430	339.6	10.7	7.35	20.3	YES	49	24.5
17	0.790	453	357.9	11.1	7.36	19.9	YES	50	26.8
18	0.780	368	287.3	11.1	7.37	19.9	YES	60	26.0
19	0.780	275	214.8	11.3	7.38	19.7	YES	76	24.3
20	0.780	312	243.5	11.7	7.33	18.9	YES	71	26.1
21	0.770	489	376.8	11.5	7.38	19.5	YES	46	26.6
22	0.760	527	400.7	11.4	7.40	19.7	YES	41	25.3
23	0.750	281	210.7	11.3	7.39	19.7	YES	74	24.1
24	0.770	416	320.0	11.7	7.34	18.9	YES	54	26.5
25	0.760	356	270.9	11.7	7.41	19.4	YES	62	26.0
26	0.740	401	297.0	11.7	7.42	19.4	YES	53	24.8
27	0.740	315	233.4	11.8	7.42	19.3	YES	67	24.6
28	0.760	299	227.2	11.7	7.36	19.1	YES	76	26.9
29	0.740	301	222.7	11.7	7.38	19.1	YES	70	24.5
30	0.740	326	241.2	11.7	7.40	19.3	YES	64	24.2
31		#DIV/0!							

* 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

OHA-DWS

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Volume/ft of depth (gal)	Baffling Factor(%)	Effective Reservoir Volume (gal)	Tank Contact Time (min)	Pipe Diameter (in)	Pipe Length (ft)	Pipe Volume (gal) (baffling=1)
18,381	0.0375	15,302	289	8	1,600	4,176
18,381	0.0375	17,370	322	8	1,600	4,176
18,381	0.0375	17,921	299	8	1,600	4,176
18,381	0.0375	17,301	228	8	1,600	4,176
18,381	0.0375	16,612	208	8	1,600	4,176
18,381	0.0375	18,128	221	8	1,600	4,176
18,381	0.0375	18,266	338	8	1,600	4,176
18,381	0.0375	17,370	378	8	1,600	4,176
18,381	0.0375	16,405	193	8	1,600	4,176
18,381	0.0375	15,647	364	8	1,600	4,176
18,381	0.0375	14,475	216	8	1,600	4,176
18,381	0.0375	15,716	204	8	1,600	4,176
18,381	0.0375	17,301	258	8	1,600	4,176
18,381	0.0375	18,473	272	8	1,600	4,176
18,381	0.0375	17,577	382	8	1,600	4,176
18,381	0.0375	16,888	345	8	1,600	4,176
18,381	0.0375	18,473	369	8	1,600	4,176
18,381	0.0375	17,921	299	8	1,600	4,176
18,381	0.0375	16,750	220	8	1,600	4,176
18,381	0.0375	17,990	253	8	1,600	4,176
18,381	0.0375	18,335	399	8	1,600	4,176
18,381	0.0375	17,439	425	8	1,600	4,176
18,381	0.0375	16,612	224	8	1,600	4,176
18,381	0.0375	18,266	338	8	1,600	4,176
18,381	0.0375	17,921	289	8	1,600	4,176
18,381	0.0375	17,094	323	8	1,600	4,176
18,381	0.0375	16,956	253	8	1,600	4,176
18,381	0.0375	18,542	244	8	1,600	4,176
18,381	0.0375	16,888	241	8	1,600	4,176
18,381	0.0375	16,681	261	8	1,600	4,176
18,381	0.0375	-	#DIV/0!	8	1,600	4,176

↩ Log
Inactivation
Required via
Disinfection

Pipe Contact Time	Notes (e.g. "Plant Off")
79	OFF
77	OFF
70	OFF
55	OFF
52	OFF
51	
77	
91	
49	
97	OFF
62	
54	OFF
62	OFF
61	
91	OFF
85	OFF
84	OFF
70	
55	OFF
59	OFF
91	OFF
102	OFF
56	
77	
67	
79	
62	
55	
60	
65	
#DIV/0!	