

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clatsop**

System Name: **Arch Cape Water District**

Month/Year: **Jun-2024**

PWS ID#: 41 - **00802**

Minimum test pressure applied: **18** psi

Plant ID: WTP - **A**

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

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

LRC [log removal]

DIT Daily

0.057

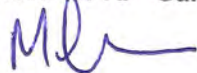
4.00

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	0.030	0.3	0.300	0.06		y
2	off	off	off	off		off
3	off	off	off	off		off
4	off	off	off	off		off
5	0.030	0.51	0.510	0.06		y
6	0.030	0.76	0.760	0.05		y
7	0.030	0.94	0.940	0.05		y
8	0.020	0.03	0.030	0.05		y
9	0.040	0.04	0.040	0.05		y
10	0.040	1.1	1.100	0.05		y
11	0.030	0.06	0.060	0.05		y
12	off	off	off	off		off
13	0.030	0.07	0.070	0.05		y
14	0.030	0.19	0.190	0.05		y
15	0.030	0.17	0.170	0.05		y
16	off	off	off	off		off
17	0.030	0.55	0.550	0.04		y
18	0.030	1.6	1.600	0.06		y
19	0.030	1.61	1.610	0.05		y
20	0.030	0.2	0.200	0.04		y
21	0.030	0.34	0.340	0.06		y
22	off	off	off	off		y
23	0.030	0.23	0.230	0.04		y
24	0.030	0.87	0.870	0.06		y
25	0.030	0.45	0.450	0.06		y
26	0.030	0.32	0.320	0.06		y
27	0.030	0.03	0.030	0.05		y
28	off	off	off	off		off
29	0.050	0.66	0.660	0.05		y
30	0.030	0.91	0.910	0.05		y
31						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 NA **Matthew R. Gardner**

SIGNATURE: 

Notes:

DATE: 7/1/2024
 WT CERT #: 09382-T 09383-D
 PHONE #: 503-436-2790

* Used for optimization purposes only.

Revised 7/31/2023

Disinfection Monthly Operating Report

System Name: Arch Cape Water District

PWS ID#: 41 - 00802

0.5

↳ Log Inactivation Required via Disinfection

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]	Notes (e.g. "Plant Off")
1	0.780	276	215.3	13.0	7.30	17.0	YES	81	
2	0.780	284	221.5	13.0	7.32	17.1	YES	75	plant off
3	0.770	340	261.8	13.0	7.21	16.4	YES	61	plant off
4	0.750	347	260.3	12.8	7.27	16.9	YES	57	plant off
5	0.740	301	222.7	12.8	7.29	17.1	YES	62	
6	0.910	278	253.0	12.9	7.26	17.1	YES	72	
7	0.900	303	272.7	12.9	7.31	17.4	YES	72	
8	0.870	300	261.0	13.1	7.29	17.0	YES	74	
9	0.870	283	246.2	13.2	7.27	16.7	YES	75	
10	0.870	302	262.7	13.3	7.29	16.7	YES	72	
11	0.870	427	371.5	13.5	7.31	16.6	YES	53	
12	0.860	281	241.7	13.4	7.26	16.4	YES	77	plant off
13	0.860	288	247.7	13.4	7.29	16.6	YES	72	
14	0.880	316	278.1	13.6	7.30	16.5	YES	69	
15	0.890	270	240.3	13.3	7.31	16.9	YES	84	
16	0.870	257	223.6	13.3	7.28	16.7	YES	87	plant off
17	0.860	315	270.9	13.3	7.32	16.9	YES	66	
18	0.870	368	320.2	13.3	7.29	16.7	YES	61	
19	0.860	336	289.0	13.2	7.27	16.7	YES	66	
20	0.850	270	229.5	13.3	7.26	16.5	YES	67	
21	0.850	336	285.6	13.7	7.30	16.3	YES	66	
22	0.860	257	221.0	13.8	7.21	15.7	YES	87	plant off
23	0.850	246	209.1	13.9	7.24	15.8	YES	86	
24	0.830	266	220.8	14.2	7.26	15.5	YES	82	
25	0.860	276	237.4	14.2	7.22	15.3	YES	82	
26	0.850	278	236.3	14.2	7.24	15.4	YES	79	
27	0.840	337	283.1	14.4	7.22	15.1	YES	67	
28	0.830	274	227.4	14.4	7.27	15.4	YES	80	plant off
29	0.810	267	216.3	14.4	7.24	15.2	YES	78	
30	0.840	237	199.1	14.7	7.26	15.0	YES	94	
31									

* 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