

OHA - Drinking Water Program - Surface Water Quality Data Form
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: Clatsop

Month/Year: Apr-21

System Name: Arch Cape Water District ID#: 41 00802

WTP: TP - A

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day ¹ [NTU]
1	PO	PO	PO	PO	PO	PO	PO
2	PO	PO	PO	0.03	0.03	0.03	0.56
3	0.03	0.03	0.03	0.03	0.03	0.03	3.40
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	0.03	0.03	0.03	0.15
6	0.03	PO	PO	0.02	0.02	0.03	0.15
7	0.02	0.02	PO	PO	PO	PO	0.08
8	PO	PO	PO	PO	PO	0.02	0.09
9	0.03	0.03	PO	0.03	0.02	0.02	3.20
10	0.02	0.02	PO	PO	PO	PO	0.10
11	PO	PO	PO	0.02	0.03	0.02	0.19
12	0.03	0.03	0.02	0.02	0.02	0.02	0.30
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	PO	0.06	0.03	0.02	0.18
15	0.04	0.02	0.03	0.02	0.02	0.02	1.03
16	PO	PO	PO	PO	PO	PO	PO
17	PO	PO	PO	0.02	0.03	0.02	0.23
18	0.03	0.03	0.02	0.02	0.02	0.03	0.39
19	0.03	0.02	0.02	PO	PO	PO	0.56
20	PO	PO	PO	PO	PO	0.02	0.21
21	0.02	0.02	0.02	0.02	0.03	0.02	0.35
22	0.02	0.02	PO	PO	PO	PO	0.03
23	PO	PO	PO	PO	0.03	0.02	0.15
24	0.03	0.03	0.02	0.03	0.03	0.03	0.73
25	PO	PO	PO	PO	PO	PO	PO
26	PO	PO	PO	0.02	0.02	0.02	0.38
27	0.02	0.02	0.02	0.02	0.02	0.02	0.48
28	PO	PO	PO	PO	PO	PO	PO
29	PO	PO	PO	0.03	0.03	0.03	1.80
30	0.03	0.03	0.03	0.02	PO	PO	0.53
31							

Slow Sand/Membrane/DE Filtration/Unfiltered

Monthly Summary (Answer Yes or No)

95% of daily turbidity readings \leq 1 NTU? ² Yes No
 All daily turbidity readings \leq 5 NTU? Yes No

CT's met everyday? (see back) Yes No

All Cl2 residual at entry point \geq 0.2 mg/l? Yes No

Notes:

PRINTED NAME: Phil Chick

SIGNATURE: *Phil Chick*

DATE: 5-6-21

PHONE #: 503) 436-2790

CERT #: T: 09177

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² Filtered systems only.

D: 08178

OHA - Drinking Water Program - Surface Water Quality Data Form

County: Clatsop

WTP-: A

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Apr-21

Disinfection *Giardia* Log Inactiv: 0.50

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.83	367	304.7	8.8	6.75	18.8	YES 	60
2	0.86	310	266.8	8.9	6.70	18.4		
3	0.85	275	233.3	8.6	6.80	19.4		
4	0.84	269	225.7	9.2	6.78	18.5		
5	0.85	284	241.1	9.3	6.90	19.2		
6	0.82	168	138.1	9.4	6.80	18.4		
7	0.83	221	183.4	9.8	6.85	18.2		
8	0.8	242	193.4	9.7	6.90	18.6		
9	0.81	248	201.0	9.5	6.83	18.4		
10	0.84	243	203.9	9.6	6.82	18.3		
11	0.81	227	184.2	9.5	6.82	18.3		
12	0.81	287	232.4	9.4	6.54	16.8		
13	0.8	321	256.5	9.6	6.55	16.6		
14	0.8	238	190.2	9.7	6.62	16.9		
15	0.81	268	217.0	9.8	6.75	17.6		
16	0.77	312	240.0	10.4	6.74	16.8		
17	0.8	205	164.1	10.7	6.75	16.6		
18	0.82	231	189.2	11.3	6.73	15.9		
19	0.87	278	241.8	11.9	6.54	14.4		
20	0.84	297	249.8	11.8	6.84	16.0		
21	0.85	235	199.4	12.1	6.79	15.4		
22	0.84	308	259.0	11.9	6.76	15.5		
23	0.84	260	218.4	11.9	6.84	15.9		
24	0.85	217	184.1	11.7	6.83	16.1		
25	0.82	315	258.4	11.5	6.82	16.2		
26	0.79	313	247.5	11.5	6.94	16.8		
27	0.83	238	197.2	11.5	6.93	16.8		
28	0.87	259	225.5	11.5	6.87	16.5		
29	0.85	251	213.1	11.5	6.94	16.9		
30	0.89	287	255.2	11.5	6.50	14.6		
31		#DIV/0!	#DIV/0!			4.2		

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012

Enter data in green shaded cells.

Date	Total Contact Time (min)	Lowest Reservoir Level (ft)	Volume/ft of depth (gal)	Baffling Factor (%)	Effective Reservoir Volume (gal)	Peak Hour Demand (gpm)	Tank Contact Time (min)	Pipe Diameter (in)	Pipe Length (ft)	Pipe Volume (gal) (baffling = 1)	Pipe Contact Time (min)
1	367	25.9	18,381	0.0375	17,853	60	298	8	1,600	4,176	70
2	310	24.1	18,381	0.0375	16,612	67	248	8	1,600	4,176	62
3	275	26.2	18,381	0.0375	18,059	81	223	8	1,600	4,176	52
4	269	26.3	18,381	0.0375	18,128	83	218	8	1,600	4,176	50
5	284	24.4	18,381	0.0375	16,819	74	227	8	1,600	4,176	56
6	168	24	18,381	0.0375	16,543	123	134	8	1,600	4,176	34
7	221	26	18,381	0.0375	17,921	100	179	8	1,600	4,176	42
8	242	24.8	18,381	0.0375	17,094	88	194	8	1,600	4,176	47
9	248	24.9	18,381	0.0375	17,163	86	200	8	1,600	4,176	49
10	243	26.7	18,381	0.0375	18,404	93	198	8	1,600	4,176	45
11	227	24.3	18,381	0.0375	16,750	92	182	8	1,600	4,176	45
12	287	26	18,381	0.0375	17,921	77	233	8	1,600	4,176	54
13	321	26.5	18,381	0.0375	18,266	70	261	8	1,600	4,176	60
14	238	24.3	18,381	0.0375	16,750	88	190	8	1,600	4,176	47
15	268	26.2	18,381	0.0375	18,059	83	218	8	1,600	4,176	50
16	312	26.5	18,381	0.0375	18,266	72	254	8	1,600	4,176	58
17	205	24	18,381	0.0375	16,543	101	164	8	1,600	4,176	41
18	231	25.4	18,381	0.0375	17,508	94	186	8	1,600	4,176	44
19	278	27	18,381	0.0375	18,611	82	227	8	1,600	4,176	51
20	297	25	18,381	0.0375	17,232	72	239	8	1,600	4,176	58
21	235	25.6	18,381	0.0375	17,646	93	190	8	1,600	4,176	45
22	308	26.6	18,381	0.0375	18,335	73	251	8	1,600	4,176	57
23	260	24.5	18,381	0.0375	16,888	81	208	8	1,600	4,176	52
24	217	26	18,381	0.0375	17,921	102	176	8	1,600	4,176	41
25	315	26.4	18,381	0.0375	18,197	71	256	8	1,600	4,176	59
26	313	24.4	18,381	0.0375	16,819	67	251	8	1,600	4,176	62
27	238	26	18,381	0.0375	17,921	93	193	8	1,600	4,176	45
28	259	25.9	18,381	0.0375	17,853	85	210	8	1,600	4,176	49
29	251	24.5	18,381	0.0375	16,888	84	201	8	1,600	4,176	50
30	287	26.8	18,381	0.0375	18,473	79	234	8	1,600	4,176	53
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!