

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

County: Clatsop

Month/Year: Jun-23

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	0.02	PO	PO	PO	PO	0.02	0.10
2	0.02	0.02	0.02	0.02	0.02	0.02	0.13
3	PO	PO	PO	PO	0.02	0.02	0.19
4	0.02	0.02	0.02	0.02	PO	PO	0.44
5	PO	PO	0.02	0.03	0.03	0.03	0.05
6	0.03	0.03	PO	PO	PO	0.03	0.10
7	0.03	0.03	0.03	0.02	PO	PO	0.77
8	PO	PO	PO	PO	0.03	0.02	0.12
9	0.02	0.02	0.02	PO	PO	PO	0.04
10	PO	PO	PO	PO	0.03	0.03	0.08
11	0.03	0.03	0.03	0.02	PO	PO	0.27
12	PO	PO	PO	PO	PO	0.02	0.21
13	0.02	0.02	0.02	PO	PO	PO	0.75
14	PO	PO	PO	PO	PO	PO	PO
15	PO	PO	PO	PO	PO	0.02	0.85
16	0.02	0.02	PO	PO	PO	PO	0.04
17	PO	PO	PO	0.02	0.02	0.03	0.73
18	0.02	0.02	PO	0.02	0.02	PO	0.05
19	PO	PO	PO	PO	PO	PO	PO
20	PO	PO	PO	0.02	0.02	0.02	0.71
21	0.03	0.02	0.02	0.02	PO	PO	0.36
22	PO	PO	PO	PO	PO	PO	PO
23	PO	PO	PO	PO	PO	PO	PO
24	PO	PO	PO	0.03	0.03	0.03	0.10
25	0.03	0.03	0.02	PO	PO	PO	0.15
26	PO	PO	PO	0.03	0.03	0.02	0.11
27	0.03	0.03	PO	PO	PO	PO	0.15
28	0.03	0.03	0.03	0.03	0.03	0.03	0.20
29	PO	PO	PO	PO	PO	PO	0.18
30	0.03	0.02	0.02	0.03	0.03	0.03	0.25
31							

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No
Notes:	PRINTED NAME: Matthew B. Hardne		
	SIGNATURE: <i>[Signature]</i>		DATE: 7/4/23
	PHONE #: (503) 436 2790		CERT #: T-09382

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-09383

OHA - Drinking Water Program - Surface Water Quality Data Form

County: Clatsop

WTP- : A

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Jun-23

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	0.73	282	206.1	13.3	7.14	15.6		79
2	0.76	252	191.4	13.3	7.36	17.0		88
3	0.75	211	157.9	13.3	7.33	16.8		102
4	0.8	218	174.2	13.4	7.25	16.3		104
5	0.76	240	182.5	13.3	7.40	17.2		88
6	0.77	269	207.0	13.5	7.37	16.8		84
7	0.76	235	178.4	13.7	7.37	16.6		95
8	0.73	255	186.2	13.8	7.40	16.6		85
9	0.76	319	242.4	14.0	7.35	16.1		71
10	0.69	276	190.6	13.9	7.36	16.2		78
11	0.75	260	194.7	14.0	7.39	16.4		87
12	0.78	269	210.0	14.2	7.43	16.4		79
13	0.78	302	235.5	14.3	7.35	15.8		75
14	0.78	220	171.9	14.5	7.34	15.6		99
15	0.78	258	201.3	14.4	7.36	15.8		84
16	0.78	285	222.3	14.4	7.35	15.7		78
17	0.77	293	226.0	14.5	7.35	15.6		72
18	0.77	263	202.3	14.2	7.31	15.7		82
19	0.76	296	225.3	14.1	7.33	15.9		75
20	0.76	251	190.6	14.1	7.32	15.8		84
21	0.78	275	214.8	14.1	7.38	16.2		78
22	0.8	284	226.9	14.2	7.41	16.3		84
23	0.82	279	228.6	14.2	7.45	16.6		82
24	0.79	231	182.2	14.4	7.26	15.2		94
25	0.78	234	182.8	14.6	7.40	15.8		94
26	0.8	213	170.3	15.0	7.35	15.2		97
27	0.79	108	85.5	15.0	7.45	15.7		187
28	0.8	263	210.3	15.3	7.42	15.2		83
29	0.79	253	199.6	15.3	7.46	15.5		88
30	0.77	227	175.1	15.4	7.40	15.0		92
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	282	26.3	18,381	0.0375	18,128	79	229	8	1,600	4,176	53
2	252	26.1	18,381	0.0375	17,990	88	204	8	1,600	4,176	47
3	211	25.1	18,381	0.0375	17,301	102	170	8	1,600	4,176	41
4	218	26.8	18,381	0.0375	18,473	104	178	8	1,600	4,176	40
5	240	24.6	18,381	0.0375	16,956	88	193	8	1,600	4,176	47
6	269	26.7	18,381	0.0375	18,404	84	219	8	1,600	4,176	50
7	235	26.3	18,381	0.0375	18,128	95	191	8	1,600	4,176	44
8	255	25.4	18,381	0.0375	17,508	85	206	8	1,600	4,176	49
9	319	26.8	18,381	0.0375	18,473	71	260	8	1,600	4,176	59
10	276	25.2	18,381	0.0375	17,370	78	223	8	1,600	4,176	54
11	260	26.7	18,381	0.0375	18,404	87	212	8	1,600	4,176	48
12	269	24.8	18,381	0.0375	17,094	79	216	8	1,600	4,176	53
13	302	26.8	18,381	0.0375	18,473	75	246	8	1,600	4,176	56
14	220	25.6	18,381	0.0375	17,646	99	178	8	1,600	4,176	42
15	258	25.4	18,381	0.0375	17,508	84	208	8	1,600	4,176	50
16	285	26.2	18,381	0.0375	18,059	78	232	8	1,600	4,176	54
17	293	24.6	18,381	0.0375	16,956	72	236	8	1,600	4,176	58
18	263	25.2	18,381	0.0375	17,370	82	212	8	1,600	4,176	51
19	296	26.2	18,381	0.0375	18,059	75	241	8	1,600	4,176	56
20	251	24.5	18,381	0.0375	16,888	84	201	8	1,600	4,176	50
21	275	25.1	18,381	0.0375	17,301	78	222	8	1,600	4,176	54
22	284	28.5	18,381	0.0375	19,645	84	234	8	1,600	4,176	50
23	279	27.1	18,381	0.0375	18,680	82	228	8	1,600	4,176	51
24	231	25.4	18,381	0.0375	17,508	94	186	8	1,600	4,176	44
25	234	25.9	18,381	0.0375	17,853	94	190	8	1,600	4,176	44
26	213	23.9	18,381	0.0375	16,474	97	170	8	1,600	4,176	43
27	108	23.3	18,381	0.0375	16,060	187	86	8	1,600	4,176	22
28	263	25.6	18,381	0.0375	17,646	83	213	8	1,600	4,176	50
29	253	26.2	18,381	0.0375	18,059	88	205	8	1,600	4,176	47
30	227	24.3	18,381	0.0375	16,750	92	182	8	1,600	4,176	45
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!