

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

County: Clatsop

Month/Year: Jun-21

WTP: TP - A

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

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	0.02	0.03	0.02	0.96
2	0.02	0.02	PO	PO	PO	PO	0.89
3	PO	0.03	0.02	0.03	0.03	PO	1.85
4	PO	PO	PO	PO	0.03	0.03	0.66
5	0.03	PO	PO	PO	PO	PO	0.03
6	0.03	0.03	0.03	0.03	PO	PO	1.65
7	PO	PO	PO	PO	PO	PO	PO
8	PO	PO	PO	0.02	0.02	PO	0.10
9	PO	PO	PO	0.02	0.02	0.02	1.10
10	0.02	PO	PO	0.03	0.03	0.03	0.57
11	PO	PO	PO	0.02	0.02	PO	0.30
12	PO	PO	PO	PO	0.02	0.02	0.56
13	0.02	PO	PO	PO	PO	PO	0.38
14	PO	PO	PO	0.03	0.03	0.02	0.82
15	0.02	0.02	PO	PO	PO	PO	0.10
16	PO	0.02	0.02	0.02	0.02	PO	2.30
17	PO	PO	PO	PO	PO	0.02	0.99
18	0.02	0.02	PO	PO	PO	PO	0.91
19	0.02	0.03	0.02	PO	PO	PO	0.61
20	0.02	0.02	0.02	0.02	PO	PO	2.04
21	PO	PO	PO	0.02	0.02	0.03	2.53
22	0.04	PO	PO	PO	PO	PO	0.08
23	0.02	0.02	0.03	0.02	PO	PO	1.39
24	PO	PO	PO	0.03	0.03	0.03	1.22
25	0.03	PO	PO	PO	0.02	0.02	1.02
26	0.02	0.02	PO	PO	PO	0.02	1.22
27	0.02	0.02	0.02	PO	PO	PO	1.80
28	0.02	0.02	0.02	0.02	0.03	0.02	1.53
29	PO	PO	PO	PO	0.02	0.03	0.21
30	0.02	0.02	PO	PO	PO	PO	0.12
31							

Slow Sand/Membrane/DE Filtration/Unfiltered

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

All daily turbidity readings \leq 5 NTU? Yes / No

Monthly Summary (Answer Yes or 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*
 PHONE #: (503) 436-2790
 DATE: 7-8-21
 CERT #: T: 08177

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

Disinfection *Giardia*

Log Inactiv: 0.50

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

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	0.85	38	32.0	13.0	6.85	14.5	YES	553
2	0.84	275	231.3	13.4	6.85	14.1		82
3	0.82	219	179.4	13.7	6.82	13.6		101
4	0.86	229	196.7	14.0	6.85	13.6		96
5	0.91	286	260.1	14.4	6.68	12.5		79
6	0.91	285	259.3	14.4	6.70	12.6		79
7	0.88	209	184.1	13.9	6.85	13.7		104
8	0.85	275	234.0	13.9	6.88	13.8		74
9	0.83	222	183.9	13.9	6.89	13.8		91
10	0.8	275	220.3	14.0	6.80	13.2		81
11	0.8	235	188.1	14.1	6.74	12.8		94
12	0.79	213	167.9	13.9	6.75	13.0		103
13	0.85	226	192.1	14.2	6.74	12.8		99
14	0.85	208	176.7	14.2	6.62	12.3		100
15	0.9	273	245.6	14.3	6.83	13.2		83
16	0.87	228	198.4	14.3	6.59	12.1		96
17	0.86	229	197.3	14.4	6.60	12.0		96
18	0.82	251	205.5	14.7	6.86	12.9		89
19	0.84	283	237.8	14.8	6.85	12.8		80
20	0.82	192	157.8	15.0	6.84	12.6		117
21	0.85	224	190.8	15.1	6.84	12.5		96
22	0.81	247	200.4	15.4	6.77	11.9		91
23	0.84	262	219.9	15.6	6.57	10.9		86
24	0.85	239	202.8	15.5	6.65	11.4		90
25	0.86	177	152.2	15.7	6.76	11.7		121
26	0.9	260	234.3	15.9	6.75	11.5		87
27	0.88	214	188.6	16.2	6.74	11.2		106
28	0.87	168	145.9	16.6	6.86	11.4		133
29	0.84	87	72.9	17.0	6.53	9.8		250
30	0.84	257	215.5	17.5	6.75	10.3		88
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.
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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	38	24.1	18,381	0.0375	16,612	553	30	8	1,600	4,176	8
2	275	26.7	18,381	0.0375	18,404	82	224	8	1,600	4,176	51
3	219	26	18,381	0.0375	17,921	101	177	8	1,600	4,176	41
4	229	25.8	18,381	0.0375	17,784	96	185	8	1,600	4,176	43
5	286	26.7	18,381	0.0375	18,404	79	233	8	1,600	4,176	53
6	285	26.6	18,381	0.0375	18,335	79	232	8	1,600	4,176	53
7	209	25.5	18,381	0.0375	17,577	104	169	8	1,600	4,176	40
8	275	23.5	18,381	0.0375	16,198	74	219	8	1,600	4,176	56
9	222	23.2	18,381	0.0375	15,991	91	176	8	1,600	4,176	46
10	275	26.3	18,381	0.0375	18,128	81	224	8	1,600	4,176	52
11	235	26	18,381	0.0375	17,921	94	191	8	1,600	4,176	44
12	213	25.7	18,381	0.0375	17,715	103	172	8	1,600	4,176	41
13	226	26.4	18,381	0.0375	18,197	99	184	8	1,600	4,176	42
14	208	24.1	18,381	0.0375	16,612	100	166	8	1,600	4,176	42
15	273	26.8	18,381	0.0375	18,473	83	223	8	1,600	4,176	50
16	228	25.7	18,381	0.0375	17,715	96	185	8	1,600	4,176	43
17	229	25.9	18,381	0.0375	17,853	96	186	8	1,600	4,176	43
18	251	26.3	18,381	0.0375	18,128	89	204	8	1,600	4,176	47
19	283	26.8	18,381	0.0375	18,473	80	231	8	1,600	4,176	52
20	192	26.6	18,381	0.0375	18,335	117	157	8	1,600	4,176	36
21	224	25.2	18,381	0.0375	17,370	96	181	8	1,600	4,176	43
22	247	26.6	18,381	0.0375	18,335	91	201	8	1,600	4,176	46
23	262	26.6	18,381	0.0375	18,335	86	213	8	1,600	4,176	49
24	239	25.1	18,381	0.0375	17,301	90	192	8	1,600	4,176	46
25	177	25	18,381	0.0375	17,232	121	142	8	1,600	4,176	35
26	260	26.8	18,381	0.0375	18,473	87	212	8	1,600	4,176	48
27	214	26.9	18,381	0.0375	18,542	106	175	8	1,600	4,176	39
28	168	26.3	18,381	0.0375	18,128	133	136	8	1,600	4,176	31
29	87	25.4	18,381	0.0375	17,508	250	70	8	1,600	4,176	17
30	257	26.7	18,381	0.0375	18,404	88	209	8	1,600	4,176	47
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!