

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

County: Clatsop

Month/Year: Jun-22

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	0.02	0.02	0.03	0.03	0.02	0.71
2	0.03	0.02	0.02	0.03	0.03	0.03	0.50
3	0.02	0.02	0.02	0.03	0.03	0.02	0.49
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	PO	PO	PO	PO
6	PO	PO	PO	0.03	0.02	0.03	0.30
7	0.02	0.03	0.02	0.02	0.02	0.02	0.26
8	0.03	0.03	0.02	0.02	0.02	0.03	0.42
9	0.03	0.02	0.02	0.02	0.02	PO	0.04
10	PO	PO	PO	PO	PO	PO	PO
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	PO	0.03	0.02	0.02	0.02
13	0.02	0.02	0.02	0.03	0.02	0.02	0.02
14	0.02	0.02	0.02	0.03	0.02	0.02	0.54
15	0.02	PO	PO	0.03	0.03	0.03	0.08
16	0.03	0.03	0.03	0.02	0.03	0.02	0.05
17	PO	PO	PO	PO	PO	0.02	0.06
18	0.02	0.02	0.02	0.02	0.02	0.02	0.03
19	PO	PO	PO	PO	0.02	0.02	0.04
20	PO	PO	0.02	0.02	0.03	0.02	0.15
21	0.02	0.02	0.02	0.03	0.02	PO	0.07
22	PO	PO	PO	PO	0.02	0.02	0.09
23	0.02	0.04	0.04	PO	PO	PO	0.04
24	0.11	0.02	0.02	0.02	0.03	0.02	0.09
25	0.02	0.02	PO	PO	0.03	0.02	0.07
26	0.02	0.02	0.02	0.03	0.02	0.02	0.04
27	0.02	0.02	0.02	0.02	PO	0.02	0.04
28	PO	PO	PO	PO	PO	0.02	0.07
29	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30	0.03	0.02	0.02	0.02	0.02	0.02	0.03
31							

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings \leq 1 NTU? ²	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point \geq 0.2 mg/l?
All daily turbidity readings \leq 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No
Notes:		PRINTED NAME: <i>Phil Chick</i>	
		SIGNATURE: <i>Phil Chick</i>	
		DATE: <i>7-6-22</i>	
		PHONE #: <i>(503) 436-2790</i>	CERT #: <i>T:08177</i>

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-22

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	0.8	263	210.5	12.1	6.57	14.3	YES 	68
2	0.81	204	165.5	12.1	6.64	14.6		
3	0.81	267	216.0	12.1	6.82	15.5		
4	0.78	363	283.3	12.3	6.81	15.2		
5	0.76	239	181.8	12.6	6.80	14.4		
6	0.74	245	181.1	12.6	6.69	13.8		
7	0.78	230	179.4	12.5	6.60	13.5		
8	0.83	231	192.0	12.5	6.70	14.1		
9	0.85	278	236.3	12.5	6.55	13.4		
10	0.84	264	221.8	12.7	6.78	14.4		
11	0.81	269	218.3	12.8	6.79	14.3		
12	0.8	202	161.3	12.7	6.80	14.4		
13	0.85	216	183.7	12.5	6.64	13.8		
14	0.83	206	171.4	12.1	6.57	14.3		
15	0.78	273	213.3	12.1	6.60	14.4		
16	0.76	186	141.6	12.1	6.82	15.5		
17	0.74	233	172.7	12.4	6.85	15.3		
18	0.81	348	282.3	12.2	6.84	15.5		
19	0.81	248	200.5	12.4	6.82	15.2		
20	0.78	235	183.4	12.3	6.81	15.2		
21	0.81	246	199.1	12.6	6.89	15.0		
22	0.8	259	207.2	13.0	6.66	13.4		
23	0.83	228	189.1	12.9	6.95	15.1		
24	0.8	256	204.9	13.1	6.67	13.4		
25	0.8	427	341.9	13.5	6.70	13.2		
26	0.8	307	245.5	13.7	6.69	12.9		
27	0.8	185	148.4	14.4	6.86	13.2		
28	0.83	202	167.7	15.1	6.93	12.9		
29	0.82	261	213.7	14.8	6.90	13.0		
30	0.82	241	197.3	14.5	6.84	13.0		
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	263	19.9	18,381	0.0375	13,717	68	202	8	1,600	4,176	61
2	204	22.4	18,381	0.0375	15,440	96	161	8	1,600	4,176	43
3	267	24.5	18,381	0.0375	16,888	79	214	8	1,600	4,176	53
4	363	24.5	18,381	0.0375	16,888	58	291	8	1,600	4,176	72
5	239	21.7	18,381	0.0375	14,958	80	187	8	1,600	4,176	52
6	245	18.8	18,381	0.0375	12,959	70	185	8	1,600	4,176	60
7	230	20.3	18,381	0.0375	13,993	79	177	8	1,600	4,176	53
8	231	22.8	18,381	0.0375	15,716	86	183	8	1,600	4,176	49
9	278	25	18,381	0.0375	17,232	77	224	8	1,600	4,176	54
10	264	24.2	18,381	0.0375	16,681	79	211	8	1,600	4,176	53
11	269	21.7	18,381	0.0375	14,958	71	211	8	1,600	4,176	59
12	202	18.8	18,381	0.0375	12,959	85	152	8	1,600	4,176	49
13	216	20.9	18,381	0.0375	14,406	86	168	8	1,600	4,176	49
14	206	23	18,381	0.0375	15,854	97	163	8	1,600	4,176	43
15	273	23.7	18,381	0.0375	16,336	75	218	8	1,600	4,176	56
16	186	26.1	18,381	0.0375	17,990	119	151	8	1,600	4,176	35
17	233	26.1	18,381	0.0375	17,990	95	189	8	1,600	4,176	44
18	348	26.3	18,381	0.0375	18,128	64	283	8	1,600	4,176	65
19	248	25.9	18,381	0.0375	17,853	89	201	8	1,600	4,176	47
20	235	24.3	18,381	0.0375	16,750	89	188	8	1,600	4,176	47
21	246	26.4	18,381	0.0375	18,197	91	200	8	1,600	4,176	46
22	259	25.5	18,381	0.0375	17,577	84	209	8	1,600	4,176	50
23	228	27	18,381	0.0375	18,611	100	186	8	1,600	4,176	42
24	256	25.9	18,381	0.0375	17,853	86	208	8	1,600	4,176	49
25	427	26.8	18,381	0.0375	18,473	53	349	8	1,600	4,176	79
26	307	26	18,381	0.0375	17,921	72	249	8	1,600	4,176	58
27	185	26.5	18,381	0.0375	18,266	121	151	8	1,600	4,176	35
28	202	25.9	18,381	0.0375	17,853	109	164	8	1,600	4,176	38
29	261	25.7	18,381	0.0375	17,715	84	211	8	1,600	4,176	50
30	241	26.4	18,381	0.0375	18,197	93	196	8	1,600	4,176	45
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!