

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

County: Clatsop

Month/Year: Sep-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	0.02	0.02	PO	0.17
2	PO	PO	PO	0.02	0.02	0.02	0.02
3	0.02	0.02	PO	PO	PO	0.02	0.02
4	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5	PO	PO	PO	PO	0.02	0.02	0.02
6	0.02	0.02	0.02	PO	PO	PO	0.15
7	PO	0.03	0.02	0.02	0.02	0.02	0.04
8	0.02	PO	PO	PO	0.02	0.02	0.05
9	0.02	0.03	PO	PO	0.02	0.02	0.02
10	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11	PO	PO	PO	0.02	0.02	0.02	0.02
12	0.02	0.02	0.02	PO	PO	0.02	0.02
13	PO	PO	0.02	0.02	0.02	0.02	0.02
14	PO	PO	PO	0.02	0.02	0.02	0.02
15	0.02	0.02	PO	PO	PO	0.02	0.02
16	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17	PO	PO	PO	PO	0.02	0.02	0.02
18	0.02	PO	PO	PO	PO	PO	0.02
19	PO	PO	PO	PO	PO	PO	PO
20	PO	PO	PO	PO	0.02	0.02	0.63
21	0.02	PO	PO	PO	PO	0.02	0.19
22	0.03	0.02	0.02	0.03	PO	PO	0.17
23	PO	0.02	0.02	0.02	0.02	PO	0.02
24	PO	PO	PO	PO	PO	PO	PO
25	PO	PO	PO	0.02	0.03	0.02	0.07
26	0.02	0.02	0.02	0.02	0.02	PO	0.39
27	PO	PO	PO	0.02	0.02	0.03	0.07
28	0.02	0.02	0.03	0.03	PO	PO	0.04
29	PO	PO	PO	PO	0.03	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	PO	0.40
31							

Slow Sand/Membrane/DE Filtration/Unfiltered

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

All daily turbidity readings ≤ 5 NTU? Yes / No

Monthly Summary (Answer Yes or No)

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

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

Notes:

PRINTED NAME: Phil Chick

SIGNATURE: Phil Chick

PHONE #: (503) 436-2790

DATE: T:08177

CERT #: D:08178

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.

OHA - Drinking Water Program - Surface Water Quality Data Form

County: Clatsop

WTP: A

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Sep-22

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	0.78	210	164.1	16.8	6.05	8.2	YES	108
2	0.74	193	143.2	16.8	6.01	8.1		
3	0.76	300	228.1	16.8	6.07	8.3		
4	0.76	193	146.9	16.5	6.04	8.4		
5	0.76	292	222.2	16.5	6.05	8.4		
6	0.77	224	172.1	16.2	6.11	8.8		
7	0.74	243	179.7	16.1	6.12	8.8		
8	0.86	233	200.0	16.1	6.10	8.9		
9	0.89	220	195.8	16.0	6.15	9.1		
10	0.88	207	182.3	16.0	6.20	9.3		
11	0.87	210	182.9	16.7	6.29	9.2		
12	0.93	218	202.7	16.8	6.30	9.2		
13	0.9	247	222.3	16.8	6.30	9.2		
14	0.85	245	208.1	16.8	6.30	9.1		
15	0.83	270	224.4	16.4	6.79	11.2		
16	0.81	228	184.7	16.4	6.37	9.6		
17	0.81	224	181.2	16.2	6.34	9.6		
18	0.82	226	185.2	15.7	6.30	9.8		
19	0.84	206	172.9	15.8	7.57	15.7		
20	0.8	216	172.9	15.5	7.14	13.6		
21	0.8	238	190.4	15.5	7.05	13.1		
22	0.82	260	212.8	15.5	7.36	14.7		
23	0.8	197	157.6	15.4	7.40	15.0		
24	0.83	151	125.7	15.3	7.33	14.8		
25	0.8	222	177.6	15.2	7.30	14.7		
26	0.83	227	188.7	15.2	7.46	15.6		
27	0.8	248	198.8	15.1	7.42	15.5		
28	0.8	219	175.4	14.9	7.39	15.5		
29	0.76	256	194.9	15.0	7.38	15.3		
30	0.73	202	147.6	14.8	7.36	15.3		
31		#DIV/0!	#DIV/0!					

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

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	210	26.9	18,381	0.0375	18,542	108	172	8	1,600	4,176	39
2	193	25.1	18,381	0.0375	17,301	111	156	8	1,600	4,176	38
3	300	26.6	18,381	0.0375	18,335	75	244	8	1,600	4,176	56
4	193	26.2	18,381	0.0375	18,059	115	157	8	1,600	4,176	36
5	292	26.6	18,381	0.0375	18,335	77	238	8	1,600	4,176	54
6	224	26.7	18,381	0.0375	18,404	101	182	8	1,600	4,176	41
7	243	25.3	18,381	0.0375	17,439	89	196	8	1,600	4,176	47
8	233	26	18,381	0.0375	17,921	95	189	8	1,600	4,176	44
9	220	26.5	18,381	0.0375	18,266	102	179	8	1,600	4,176	41
10	207	24	18,381	0.0375	16,543	100	165	8	1,600	4,176	42
11	210	22.3	18,381	0.0375	15,371	93	165	8	1,600	4,176	45
12	218	24.3	18,381	0.0375	16,750	96	174	8	1,600	4,176	43
13	247	26.2	18,381	0.0375	18,059	90	201	8	1,600	4,176	46
14	245	25.2	18,381	0.0375	17,370	88	197	8	1,600	4,176	47
15	270	26.5	18,381	0.0375	18,266	83	220	8	1,600	4,176	50
16	228	26.7	18,381	0.0375	18,404	99	186	8	1,600	4,176	42
17	224	26.4	18,381	0.0375	18,197	100	182	8	1,600	4,176	42
18	226	26.7	18,381	0.0375	18,404	100	184	8	1,600	4,176	42
19	206	26.5	18,381	0.0375	18,266	109	168	8	1,600	4,176	38
20	216	25.3	18,381	0.0375	17,439	100	174	8	1,600	4,176	42
21	238	26.4	18,381	0.0375	18,197	94	194	8	1,600	4,176	44
22	260	26.7	18,381	0.0375	18,404	87	212	8	1,600	4,176	48
23	197	25.1	18,381	0.0375	17,301	109	159	8	1,600	4,176	38
24	151	26.9	18,381	0.0375	18,542	150	124	8	1,600	4,176	28
25	222	25.5	18,381	0.0375	17,577	98	179	8	1,600	4,176	43
26	227	26.6	18,381	0.0375	18,335	99	185	8	1,600	4,176	42
27	248	25.3	18,381	0.0375	17,439	87	200	8	1,600	4,176	48
28	219	26.7	18,381	0.0375	18,404	103	179	8	1,600	4,176	41
29	256	25.2	18,381	0.0375	17,370	84	207	8	1,600	4,176	50
30	202	26.2	18,381	0.0375	18,059	110	164	8	1,600	4,176	38
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!