

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

County: Clatsop

Month/Year: Feb-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	PO	PO	PO	PO
3	PO	PO	PO	PO	PO	PO	PO
4	PO	PO	PO	0.03	0.03	0.03	0.65
5	0.04	0.03	PO	PO	PO	PO	0.06
6	PO	PO	PO	0.03	0.03	0.03	1.06
7	0.03	0.03	0.03	0.03	0.03	0.03	0.75
8	0.03	0.03	0.02	0.03	0.03	0.03	1.30
9	0.02	0.03	0.03	0.03	0.03	PO	0.56
10	PO	PO	PO	PO	0.03	0.02	0.35
11	PO	PO	PO	PO	PO	0.02	0.20
12	0.03	PO	PO	0.03	0.03	0.03	0.41
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	PO	0.03	0.03	0.03	0.21
15	PO	PO	PO	PO	PO	PO	PO
16	PO	PO	PO	0.03	0.03	0.03	0.24
17	PO	PO	PO	0.03	0.03	0.03	0.20
18	0.03	0.03	0.03	0.03	PO	PO	0.39
19	PO	PO	PO	PO	PO	PO	PO
20	PO	PO	PO	0.03	0.03	0.03	0.52
21	0.03	0.02	0.03	PO	PO	PO	0.26
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	0.43
25	0.03	0.03	0.02	PO	0.03	0.02	0.46
26	0.03	PO	PO	0.03	0.03	0.03	0.20
27	0.02	0.03	PO	PO	PO	PO	0.20
28	PO	PO	PO	PO	PO	0.02	PO
29							
30							
31							

Slow Sand/Membrane/DE Filtration/Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes <input type="radio"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No	Monthly Summary (Answer Yes or No)	
	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
Notes:	PRINTED NAME: Phil Chick	
	SIGNATURE: Phil Chick	DATE: 3-9-21
	PHONE #: (503) 436-2790	CERT #: D:08178 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.

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: Feb-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	0.89	273	243.3	8.1	6.81	20.2	YES 	72
2	0.87	398	346.5	8.1	6.85	20.4		
3	0.87	315	273.7	7.9	6.87	20.8		
4	0.85	52	44.6	8.0	6.73	19.7		
5	0.84	286	240.5	8.0	6.88	20.7		
6	0.86	296	254.7	8.2	6.90	20.6		
7	0.86	236	202.9	8.1	6.89	20.7		
8	0.82	319	261.3	8.1	6.87	20.5		
9	0.86	323	277.4	7.9	6.90	21.0		
10	0.84	392	329.1	8.0	6.69	19.4		
11	0.82	37	30.6	8.0	6.97	21.3		
12	0.8	391	312.7	7.9	6.71	19.6		
13	0.81	350	283.2	8.0	6.75	19.7		
14	0.81	286	232.1	8.1	6.80	19.9		
15	0.79	276	218.2	8.1	6.82	20.0		
16	0.81	361	292.5	8.1	6.80	19.9		
17	0.8	247	198.0	7.8	6.54	18.6		
18	0.8	280	223.7	7.9	6.84	20.5		
19	0.8	300	239.9	8.3	6.79	19.6		
20	0.8	287	229.3	8.3	6.80	19.7		
21	0.81	313	253.7	8.1	6.81	20.0		
22	0.8	356	284.7	8.6	6.64	18.2		
23	0.8	336	268.8	8.6	6.54	17.6		
24	0.79	259	204.6	8.1	6.87	20.4		
25	0.78	278	217.0	8.2	6.69	19.0		
26	0.79	344	271.9	8.5	6.74	19.0		
27	0.81	305	247.2	8.4	6.75	19.2		
28	0.8	388	310.4	8.5	6.78	19.3		
29		#DIV/0!	#DIV/0!			4.2		
30		#DIV/0!	#DIV/0!			4.2		
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	273	22.5	18,381	0.0375	15,509	72	215	8	1,600	4,176	58
2	398	21.1	18,381	0.0375	14,544	47	309	8	1,600	4,176	89
3	315	19.5	18,381	0.0375	13,441	56	240	8	1,600	4,176	75
4	52	17.9	18,381	0.0375	12,338	315	39	8	1,600	4,176	13
5	286	19.7	18,381	0.0375	13,579	62	219	8	1,600	4,176	67
6	296	18	18,381	0.0375	12,407	56	222	8	1,600	4,176	75
7	236	20.3	18,381	0.0375	13,993	77	182	8	1,600	4,176	54
8	319	22.6	18,381	0.0375	15,578	62	251	8	1,600	4,176	67
9	323	25.3	18,381	0.0375	17,439	67	260	8	1,600	4,176	62
10	392	25.2	18,381	0.0375	17,370	55	316	8	1,600	4,176	76
11	37	25.4	18,381	0.0375	17,508	581	30	8	1,600	4,176	7
12	391	25.7	18,381	0.0375	17,715	56	316	8	1,600	4,176	75
13	350	26.4	18,381	0.0375	18,197	64	284	8	1,600	4,176	65
14	286	24.7	18,381	0.0375	17,025	74	230	8	1,600	4,176	56
15	276	25.2	18,381	0.0375	17,370	78	223	8	1,600	4,176	54
16	361	23.8	18,381	0.0375	16,405	57	288	8	1,600	4,176	73
17	247	24.1	18,381	0.0375	16,612	84	198	8	1,600	4,176	50
18	280	26.4	18,381	0.0375	18,197	80	227	8	1,600	4,176	52
19	300	25.7	18,381	0.0375	17,715	73	243	8	1,600	4,176	57
20	287	24.3	18,381	0.0375	16,750	73	229	8	1,600	4,176	57
21	313	26.2	18,381	0.0375	18,059	71	254	8	1,600	4,176	59
22	356	24.4	18,381	0.0375	16,819	59	285	8	1,600	4,176	71
23	336	22.7	18,381	0.0375	15,647	59	265	8	1,600	4,176	71
24	259	21	18,381	0.0375	14,475	72	201	8	1,600	4,176	58
25	278	23.4	18,381	0.0375	16,129	73	221	8	1,600	4,176	57
26	344	24.9	18,381	0.0375	17,163	62	277	8	1,600	4,176	67
27	305	26.7	18,381	0.0375	18,404	74	249	8	1,600	4,176	56
28	388	24.9	18,381	0.0375	17,163	55	312	8	1,600	4,176	76
29	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!
30	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!