

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

County: Clatsop
 Month/Year: Jan-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	0.03	0.03	PO	0.03	PO	PO	0.05
2	PO	PO	PO	PO	PO	PO	PO
3	PO	PO	PO	PO	PO	PO	PO
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	0.03	0.03	PO	0.34
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	0.03	0.03	0.03	0.52
8	0.03	0.03	PO	0.03	0.03	0.03	1.10
9	0.03	0.03	0.03	0.03	0.03	0.03	1.10
10	PO	PO	PO	0.03	PO	PO	0.08
11	PO	PO	PO	0.03	0.03	PO	1.24
12	PO	PO	PO	PO	PO	PO	PO
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	PO	PO	PO	PO	PO
15	PO	PO	PO	0.03	0.03	0.03	0.21
16	0.03	0.03	0.03	0.03	0.03	0.03	0.30
17	0.03	0.03	0.03	0.03	0.03	PO	0.39
18	PO	PO	PO	PO	PO	PO	PO
19	PO	PO	PO	PO	0.15	0.03	2.25
20	0.03	PO	PO	PO	PO	PO	0.26
21	PO	PO	PO	0.03	0.03	PO	0.53
22	PO	PO	PO	PO	PO	PO	PO
23	PO	0.03	0.03	0.03	0.03	0.03	0.21
24	0.03	PO	PO	PO	PO	PO	0.22
25	PO	PO	PO	PO	0.03	0.03	0.57
26	0.03	0.03	0.03	0.03	0.03	0.03	0.25
27	PO	PO	PO	0.02	0.03	PO	0.28
28	PO	PO	PO	0.03	0.03	0.03	0.40
29	0.03	PO	PO	0.03	0.03	0.03	0.21
30	0.03	0.03	PO	PO	PO	PO	0.22
31	PO	PO	PO	PO	PO	PO	PO

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes / No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No		
Notes:	PRINTED NAME: Phil Chick	
	SIGNATURE: Phil Chick	DATE: 2-9-21
	PHONE #: (503) 436-2790	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: Jan-17

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	216	183.2	9.2	6.96	19.7	YES	99
2	0.83	200	165.7	9.4	6.54	16.8		100
3	0.83	233	193.5	9.5	6.85	18.6		80
4	0.77	247	190.3	9.6	7.06	19.7		71
5	0.85	281	238.9	9.6	6.97	19.3		59
6	0.88	332	292.1	9.6	6.99	19.5		51
7	0.84	219	183.7	9.6	6.88	18.7		73
8	0.81	336	271.9	9.7	6.79	17.9		57
9	0.82	246	201.9	9.4	6.74	18.0		85
10	0.82	256	209.8	9.1	6.72	18.2		85
11	0.81	343	277.9	9.4	6.73	17.9		62
12	0.8	588	470.3	9.6	6.88	18.6		37
13	0.78	360	280.5	9.7	6.85	18.2		58
14	0.78	306	239.1	9.7	6.87	18.4		64
15	0.77	284	218.4	9.9	6.70	17.1		66
16	0.77	262	201.7	9.4	6.70	17.6		72
17	0.87	244	212.6	9.7	6.50	16.3		89
18	0.98	275	269.8	9.9	6.57	16.7		78
19	0.97	267	258.5	9.4	6.68	17.9		78
20	1.04	293	304.5	9.5	6.66	17.8		75
21	1	275	275.3	9.3	6.82	19.0		78
22	1	360	360.2	9.5	6.85	18.9		60
23	1.1	367	403.4	9.0	6.70	18.8		58
24	1.04	276	287.3	9.1	6.86	19.6		79
25	1.02	341	347.5	8.9	6.97	20.6		60
26	0.97	278	269.7	8.2	6.65	19.2		76
27	0.94	340	319.5	7.8	6.87	21.2		64
28	0.91	322	293.3	7.7	6.77	20.5		66
29	0.91	249	226.2	7.5	6.80	21.0		85
30	0.9	237	213.4	7.5	6.90	21.7		90
31	0.89	256	227.6	8.0	6.90	21.0		81

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	216	24.9	18,381	0.0375	17,163	99	173	8	1,600	4,176	42
2	200	22.9	18,381	0.0375	15,785	100	158	8	1,600	4,176	42
3	233	21	18,381	0.0375	14,475	80	181	8	1,600	4,176	52
4	247	19.4	18,381	0.0375	13,372	71	188	8	1,600	4,176	59
5	281	18	18,381	0.0375	12,407	59	210	8	1,600	4,176	71
6	332	18.5	18,381	0.0375	12,752	51	250	8	1,600	4,176	82
7	219	17.1	18,381	0.0375	11,787	73	161	8	1,600	4,176	73
8	336	21.7	18,381	0.0375	14,958	57	262	8	1,600	4,176	49
9	246	24.3	18,381	0.0375	16,750	85	197	8	1,600	4,176	49
10	256	25.5	18,381	0.0375	17,577	85	207	8	1,600	4,176	49
11	343	24.8	18,381	0.0375	17,094	62	276	8	1,600	4,176	67
12	588	25.5	18,381	0.0375	17,577	37	475	8	1,600	4,176	113
13	360	24.2	18,381	0.0375	16,681	58	288	8	1,600	4,176	72
14	306	22.4	18,381	0.0375	15,440	64	241	8	1,600	4,176	65
15	284	21.1	18,381	0.0375	14,544	66	220	8	1,600	4,176	63
16	262	23.2	18,381	0.0375	15,991	77	208	8	1,600	4,176	54
17	244	25.5	18,381	0.0375	17,577	89	197	8	1,600	4,176	47
18	275	25.1	18,381	0.0375	17,301	78	222	8	1,600	4,176	54
19	267	24.1	18,381	0.0375	16,612	78	213	8	1,600	4,176	54
20	293	25.8	18,381	0.0375	17,784	75	237	8	1,600	4,176	56
21	275	25.1	18,381	0.0375	17,301	78	222	8	1,600	4,176	54
22	360	25.3	18,381	0.0375	17,439	60	291	8	1,600	4,176	70
23	367	24.8	18,381	0.0375	17,094	58	295	8	1,600	4,176	72
24	276	25.6	18,381	0.0375	17,646	79	223	8	1,600	4,176	53
25	341	23.6	18,381	0.0375	16,267	60	271	8	1,600	4,176	70
26	278	24.6	18,381	0.0375	16,956	76	223	8	1,600	4,176	55
27	340	25.5	18,381	0.0375	17,577	64	275	8	1,600	4,176	65
28	322	24.8	18,381	0.0375	17,094	66	259	8	1,600	4,176	63
29	249	24.6	18,381	0.0375	16,956	85	199	8	1,600	4,176	49
30	237	24.9	18,381	0.0375	17,163	90	191	8	1,600	4,176	46
31	256	24	18,381	0.0375	16,543	81	204	8	1,600	4,176	52