

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

County: Clatsop

Month/Year: Sep-23

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	0.03	0.03	0.04	0.21
2	0.03	0.03	0.02	0.02	0.02	0.03	0.26
3	PO	PO	PO	PO	PO	PO	PO
4	PO	PO	PO	0.03	0.03	0.03	0.24
5	0.03	0.03	0.03	0.03	PO	PO	0.22
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	0.03	0.03	0.03	0.17
8	0.03	0.03	PO	PO	PO	PO	0.23
9	PO	PO	PO	PO	PO	PO	PO
10	0.03	0.03	0.03	0.03	0.02	0.02	0.68
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	PO	PO	PO	PO	PO
13	PO	PO	0.02	0.02	0.02	0.03	0.20
14	0.03	0.02	0.02	0.02	PO	PO	0.25
15	PO	PO	PO	PO	PO	PO	PO
16	PO	PO	PO	0.04	0.02	0.02	0.76
17	0.02	0.03	0.02	0.03	0.03	PO	1.42
18	PO	PO	PO	PO	PO	PO	PO
19	PO	PO	PO	PO	PO	PO	PO
20	PO	PO	PO	PO	0.02	0.03	0.10
21	0.02	0.02	0.02	0.03	0.03	0.03	0.52
22	0.03	0.03	0.02	0.03	0.03	0.03	0.08
23	0.03	PO	PO	PO	PO	PO	0.03
24	PO	PO	PO	PO	PO	PO	PO
25	PO	PO	PO	0.02	0.03	PO	0.10
26	PO	PO	PO	0.04	0.03	PO	0.15
27	PO	PO	PO	PO	PO	PO	PO
28	PO	PO	PO	PO	0.04	0.03	0.04
29	0.03	0.03	PO	PO	PO	PO	0.16
30	PO	PO	PO	PO	PO	PO	PO
31							

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No
Notes:		PRINTED NAME: Matthew J. Gaudner	DATE: 10.2.23
		SIGNATURE: [Signature]	CERT #: T-09382
		PHONE #: (503) 430-2790	

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-09383

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-23

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	0.67	279	187.0	17.8	7.35	12.4		74
2	0.66	263	173.6	17.8	7.37	12.5		84
3	0.63	202	127.4	17.8	7.39	12.5		112
4	0.58	213	123.4	17.6	7.41	12.7		99
5	0.65	234	152.0	17.4	7.37	12.8		98
6	0.59	324	191.3	17.1	7.39	13.1		69
7	0.54	305	164.8	17.1	7.42	13.1		69
8	0.64	328	210.2	16.9	7.39	13.3		70
9	0.58	288	167.1	16.8	7.37	13.2		76
10	0.63	239	150.8	17.0	7.30	12.8		92
11	0.65	302	196.3	16.9	7.34	13.1		75
12	0.62	286	177.5	16.8	7.39	13.4		76
13	0.6	285	170.8	16.8	7.40	13.4		74
14	0.74	305	225.5	16.8	7.30	13.1		75
15	0.7	334	233.7	16.7	7.36	13.4		67
16	0.67	288	193.2	16.6	7.38	13.6		74
17	0.78	279	217.4	16.8	7.41	13.7		81
18	0.8	316	252.4	16.5	7.37	13.8		72
19	0.76	320	243.1	16.4	6.88	11.5		68
20	0.74	293	216.7	16.3	6.94	11.8		71
21	0.75	244	183.4	16.4	6.96	11.9		87
22	0.76	361	274.2	16.1	7.34	14.0		62
23	0.73	298	217.3	16.0	7.26	13.6		77
24	0.7	321	224.4	15.9	7.24	13.5		70
25	0.69	307	211.8	15.7	7.15	13.3		72
26	0.67	348	233.5	15.5	7.20	13.7		64
27	0.63	313	197.2	15.2	7.39	14.9		73
28	0.57	309	176.3	15.2	7.34	14.5		71
29	0.67	360	241.4	15.2	7.30	14.5		64
30	0.6	260	156.0	14.9	7.31	14.7		85
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	279	23.9	18,381	0.0375	16,474	74	223	8	1,600	4,176	56
2	263	26	18,381	0.0375	17,921	84	213	8	1,600	4,176	50
3	202	26.8	18,381	0.0375	18,473	112	165	8	1,600	4,176	37
4	213	24.5	18,381	0.0375	16,888	99	171	8	1,600	4,176	42
5	234	27.2	18,381	0.0375	18,749	98	191	8	1,600	4,176	43
6	324	26.4	18,381	0.0375	18,197	69	264	8	1,600	4,176	61
7	305	24.5	18,381	0.0375	16,888	69	245	8	1,600	4,176	61
8	328	27.3	18,381	0.0375	18,818	70	269	8	1,600	4,176	60
9	288	25.7	18,381	0.0375	17,715	76	233	8	1,600	4,176	55
10	239	25.9	18,381	0.0375	17,853	92	194	8	1,600	4,176	45
11	302	26.8	18,381	0.0375	18,473	75	246	8	1,600	4,176	56
12	286	25.5	18,381	0.0375	17,577	76	231	8	1,600	4,176	55
13	285	24.5	18,381	0.0375	16,888	74	228	8	1,600	4,176	56
14	305	27.1	18,381	0.0375	18,680	75	249	8	1,600	4,176	56
15	334	26.4	18,381	0.0375	18,197	67	272	8	1,600	4,176	62
16	288	24.9	18,381	0.0375	17,163	74	232	8	1,600	4,176	56
17	279	26.7	18,381	0.0375	18,404	81	227	8	1,600	4,176	52
18	316	26.9	18,381	0.0375	18,542	72	258	8	1,600	4,176	58
19	320	25.5	18,381	0.0375	17,577	68	258	8	1,600	4,176	61
20	293	24.1	18,381	0.0375	16,612	71	234	8	1,600	4,176	59
21	244	24.8	18,381	0.0375	17,094	87	196	8	1,600	4,176	48
22	361	26.4	18,381	0.0375	18,197	62	294	8	1,600	4,176	67
23	298	27.2	18,381	0.0375	18,749	77	243	8	1,600	4,176	54
24	321	26.5	18,381	0.0375	18,266	70	261	8	1,600	4,176	60
25	307	26	18,381	0.0375	17,921	72	249	8	1,600	4,176	58
26	348	26.3	18,381	0.0375	18,128	64	283	8	1,600	4,176	65
27	313	27.1	18,381	0.0375	18,680	73	256	8	1,600	4,176	57
28	309	25.8	18,381	0.0375	17,784	71	250	8	1,600	4,176	59
29	360	27.4	18,381	0.0375	18,886	64	295	8	1,600	4,176	65
30	260	26	18,381	0.0375	17,921	85	211	8	1,600	4,176	49
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!