

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

County: Clatsop
 Month/Year: Dec-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	PO	PO	PO	0.02	0.03	0.03	0.04
2	0.02	0.03	0.03	0.02	0.02	PO	0.47
3	PO	PO	PO	PO	0.02	0.02	0.52
4	0.02	0.02	PO	PO	PO	PO	0.03
5	0.02	0.03	0.02	0.02	PO	PO	0.48
6	PO	PO	PO	0.02	0.02	0.02	0.03
7	0.02	PO	PO	0.02	0.02	PO	0.47
8	PO	PO	PO	PO	0.02	0.02	0.45
9	0.02	PO	PO	0.02	0.02	PO	0.05
10	PO	PO	PO	PO	PO	PO	PO
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	PO	0.02	0.02	0.02	0.10
13	0.03	0.02	0.02	0.03	0.02	0.02	0.03
14	0.03	0.02	0.02	0.02	PO	PO	0.51
15	0.03	0.02	PO	PO	PO	PO	0.03
16	PO	PO	0.02	0.02	0.02	PO	0.17
17	PO	PO	PO	PO	0.02	0.02	0.08
18	0.02	0.02	PO	PO	PO	PO	0.02
19	0.02	0.02	0.02	0.02	PO	PO	0.08
20	PO	PO	PO	0.02	0.03	0.02	0.11
21	0.02	PO	PO	PO	PO	PO	0.02
22	PO	PO	PO	0.02	0.02	0.02	0.02
23	PO	PO	PO	0.02	0.02	0.02	0.27
24	PO	PO	PO	PO	PO	PO	PO
25	PO	PO	PO	PO	PO	PO	PO
26	PO	PO	PO	PO	PO	PO	PO
27	PO	PO	PO	PO	PO	PO	PO
28	PO	PO	PO	0.02	0.02	0.02	0.17
29	0.02	0.02	0.04	0.03	0.03	0.03	0.08
30	PO	PO	PO	0.02	0.02	0.03	0.03
31	0.02	0.02	0.02	0.02	0.02	0.02	0.44

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: <i>Phil Chick</i>	DATE: 1-9-23
		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: Dec-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	0.77	268	206.3	7.6	7.26	24.1	Yes	74
2	0.91	310	282.3	7.4	7.31	25.3		
3	0.89	375	333.3	7.6	7.25	24.4		
4	0.87	290	252.6	7.5	7.22	24.2		
5	0.88	286	251.6	7.3	7.23	24.7		
6	0.85	297	252.5	7.7	7.27	24.3		
7	0.85	315	267.8	7.7	7.22	23.8		
8	0.86	360	309.6	7.8	7.26	24.0		
9	0.92	333	306.3	7.7	7.27	24.5		
10	0.87	417	362.8	7.8	7.25	24.0		
11	0.93	343	318.9	7.9	7.21	23.7		
12	0.96	238	228.6	8.1	7.27	23.9		
13	0.98	261	255.8	7.8	7.23	24.1		
14	0.88	320	281.3	7.8	7.22	23.8		
15	0.81	344	278.8	7.7	7.12	22.9		
16	0.8	304	243.2	7.6	7.28	24.4		
17	0.82	367	301.0	7.7	7.25	24.0		
18	0.81	364	295.0	7.7	7.20	23.6		
19	0.82	307	252.1	7.5	7.20	23.9		
20	0.8	288	230.6	7.7	7.19	23.5		
21	0.8	337	269.5	7.5	7.32	24.9		
22	0.79	300	237.4	7.0	7.22	24.8		
23	0.74	238	175.8	7.0	7.30	25.4		
24	0.76	399	303.4	7.5	7.25	24.2		
25	0.74	242	178.9	8.1	7.10	22.0		
26	0.74	283	209.2	8.5	7.21	22.2		
27	0.73	238	173.7	8.8	7.23	21.9		
28	0.71	223	158.0	8.8	7.25	22.0		
29	0.83	198	164.5	9.0	7.22	21.8		
30	0.81	258	209.0	9.5	7.26	21.4		
31	0.83	229	189.9	9.3	7.25	21.6		

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	268	22.7	18,381	0.0375	15,647	74	211	8	1,600	4,176	56
2	310	25.9	18,381	0.0375	17,853	71	251	8	1,600	4,176	59
3	375	26	18,381	0.0375	17,921	59	304	8	1,600	4,176	71
4	290	26.8	18,381	0.0375	18,473	78	237	8	1,600	4,176	54
5	286	26.3	18,381	0.0375	18,128	78	232	8	1,600	4,176	54
6	297	25.4	18,381	0.0375	17,508	73	240	8	1,600	4,176	57
7	315	26.4	18,381	0.0375	18,197	71	256	8	1,600	4,176	59
8	360	25.8	18,381	0.0375	17,784	61	292	8	1,600	4,176	68
9	333	26.3	18,381	0.0375	18,128	67	271	8	1,600	4,176	62
10	417	25.4	18,381	0.0375	17,508	52	337	8	1,600	4,176	80
11	343	22.8	18,381	0.0375	15,716	58	271	8	1,600	4,176	72
12	238	20.2	18,381	0.0375	13,924	76	183	8	1,600	4,176	55
13	261	23.1	18,381	0.0375	15,923	77	207	8	1,600	4,176	54
14	320	26.4	18,381	0.0375	18,197	70	260	8	1,600	4,176	60
15	344	26.9	18,381	0.0375	18,542	66	281	8	1,600	4,176	63
16	304	25.7	18,381	0.0375	17,715	72	246	8	1,600	4,176	58
17	367	25.9	18,381	0.0375	17,853	60	298	8	1,600	4,176	70
18	364	26.7	18,381	0.0375	18,404	62	297	8	1,600	4,176	67
19	307	26.5	18,381	0.0375	18,266	73	250	8	1,600	4,176	57
20	288	25.3	18,381	0.0375	17,439	75	233	8	1,600	4,176	56
21	337	26.2	18,381	0.0375	18,059	66	274	8	1,600	4,176	63
22	300	26.2	18,381	0.0375	18,059	74	244	8	1,600	4,176	56
23	238	26	18,381	0.0375	17,921	93	193	8	1,600	4,176	45
24	399	25.8	18,381	0.0375	17,784	55	323	8	1,600	4,176	76
25	242	22.7	18,381	0.0375	15,647	82	191	8	1,600	4,176	51
26	283	20.6	18,381	0.0375	14,199	65	218	8	1,600	4,176	64
27	238	18.1	18,381	0.0375	12,476	70	178	8	1,600	4,176	60
28	223	15.9	18,381	0.0375	10,960	68	161	8	1,600	4,176	61
29	198	18.1	18,381	0.0375	12,476	84	149	8	1,600	4,176	50
30	258	17.9	18,381	0.0375	12,338	64	193	8	1,600	4,176	65
31	229	19.5	18,381	0.0375	13,441	77	175	8	1,600	4,176	54