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

County: Clatsop
Month/Year: Dec-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	0.04	0.03	0.03	0.03	0.05
2	0.03	PO	0.03	0.04	0.04	PO	0.05
3	PO	PO	0.09	0.04	0.04	0.04	0.40
4	0.04	0.04	PO	PO	PO	PO	0.09
5	PO	PO	PO	0.03	0.03	0.03	0.10
6	0.03	PO	PO	0.03	PO	PO	0.84
7	PO	PO	PO	0.04	0.04	0.04	0.16
8	0.04	0.04	0.04	PO	PO	PO	0.05
9	PO	PO	PO	0.03	0.03	0.03	0.03
10	0.03	0.03	PO	0.03	0.03	0.03	0.06
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	PO	0.03	0.03	0.03	0.06
13	0.03	PO	PO	0.03	0.03	0.03	0.13
14	0.03	0.03	0.03	0.04	PO	PO	1.08
15	PO	PO	PO	0.03	0.03	0.03	0.31
16	0.03	PO	PO	PO	0.04	0.04	0.23
17	0.04	PO	PO	PO	PO	0.03	0.03
18	0.04	0.04	0.04	PO	PO	PO	0.06
19	PO	PO	PO	0.04	0.04	0.04	0.20
20	PO	PO	PO	0.04	0.04	0.04	0.99
21	0.04	0.04	0.04	0.03	0.03	0.03	0.03
22	PO	PO	PO	PO	PO	PO	PO
23	PO	PO	PO	PO	PO	PO	PO
24	PO	PO	PO	0.04	0.04	0.04	0.52
25	0.04	0.04	0.04	0.03	0.03	0.03	0.03
26	0.03	0.03	0.03	0.04	0.04	0.04	0.75
27	0.06	PO	PO	PO	0.03	0.03	0.17
28	0.03	0.03	PO	PO	PO	0.03	0.20
29	0.03	0.03	0.03	Po	PO	0.04	0.29
30	0.03	0.03	PO	PO	0.04	0.04	0.04
31	PO	PO	PO	0.03	0.03	0.03	0.36

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 **DATE:** 1-10-22

PHONE #: (503) 436-2790 **CERT #:** T: 08177 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:	Dec-21	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	0.72	313	225.2	10.5	6.45	15.0	YES	68
2	0.72	18	12.7	10.7	6.42	14.7		45
3	0.93	294	273.4	10.5	6.23	14.3		74
4	0.91	307	279.8	10.6	6.25	14.3		73
5	0.89	275	245.0	10.1	6.62	16.6		77
6	0.86	326	280.1	9.8	6.45	15.9		67
7	0.87	268	232.8	9.9	6.44	15.8		80
8	0.86	355	305.3	9.8	6.47	16.1		64
9	0.84	174	146.4	9.6	6.50	16.4		124
10	0.87	371	323.0	9.6	6.37	15.7		61
11	0.86	297	255.2	9.7	6.47	16.2		74
12	0.85	218	185.4	9.2	6.53	17.0		95
13	0.833	304	253.5	8.9	6.40	16.6		69
14	0.83	403	334.7	8.6	6.51	17.5		56
15	0.83	409	339.6	8.6	6.98	20.6		53
16	0.85	374	317.9	8.5	7.11	21.7		60
17	0.87	380	330.9	8.4	7.14	22.2		59
18	0.84	297	249.6	8.5	7.10	21.6		76
19	0.86	275	236.8	8.4	7.05	21.5		77
20	0.84	335	281.8	8.5	7.21	22.5		63
21	0.82	314	257.6	8.2	7.08	21.9		71
22	0.81	290	234.8	8.8	7.14	21.5		76
23	0.87	310	269.9	8.8	7.20	22.1		67
24	0.91	253	229.9	8.3	7.17	22.7		76
25	0.85	277	235.6	8.4	7.25	23.0		74
26	0.85	274	232.6	7.8	7.24	23.9		80
27	0.83	289	239.5	7.5	7.20	23.9		78
28	0.83	337	279.7	7.2	7.17	24.2		67
29	0.84	299	251.1	6.8	7.14	24.6		76
30	0.84	297	249.8	6.8	7.27	25.7		75
31	0.85	297	252.8	6.8	7.20	25.1		84

[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	**313**	24.8	18,381	0.0375	17,094	68	251	8	1,600	4,176	61
2	**18**	26.4	18,381	0.0375	18,197	1272	14	8	1,600	4,176	3
3	**294**	25.5	18,381	0.0375	17,577	74	238	8	1,600	4,176	56
4	**307**	26.5	18,381	0.0375	18,266	73	250	8	1,600	4,176	57
5	**275**	24.7	18,381	0.0375	17,025	77	221	8	1,600	4,176	54
6	**326**	25.6	18,381	0.0375	17,646	67	263	8	1,600	4,176	62
7	**268**	25	18,381	0.0375	17,232	80	215	8	1,600	4,176	52
8	**355**	26.9	18,381	0.0375	18,542	64	290	8	1,600	4,176	65
9	**174**	25.3	18,381	0.0375	17,439	124	141	8	1,600	4,176	34
10	**371**	26.8	18,381	0.0375	18,473	61	303	8	1,600	4,176	68
11	**297**	25.8	18,381	0.0375	17,784	74	240	8	1,600	4,176	56
12	**218**	24	18,381	0.0375	16,543	95	174	8	1,600	4,176	44
13	**304**	24.4	18,381	0.0375	16,819	69	244	8	1,600	4,176	61
14	**403**	26.7	18,381	0.0375	18,404	56	329	8	1,600	4,176	75
15	**409**	25.4	18,381	0.0375	17,508	53	330	8	1,600	4,176	79
16	**374**	26.5	18,381	0.0375	18,266	60	304	8	1,600	4,176	70
17	**380**	26.5	18,381	0.0375	18,266	59	310	8	1,600	4,176	71
18	**297**	26.7	18,381	0.0375	18,404	76	242	8	1,600	4,176	55
19	**275**	24.7	18,381	0.0375	17,025	77	221	8	1,600	4,176	54
20	**335**	24.6	18,381	0.0375	16,956	63	269	8	1,600	4,176	66
21	**314**	26.3	18,381	0.0375	18,128	71	255	8	1,600	4,176	59
22	**290**	25.9	18,381	0.0375	17,853	76	235	8	1,600	4,176	55
23	**310**	24.1	18,381	0.0375	16,612	67	248	8	1,600	4,176	62
24	**253**	21.8	18,381	0.0375	15,026	76	198	8	1,600	4,176	55
25	**277**	23.7	18,381	0.0375	16,336	74	221	8	1,600	4,176	56
26	**274**	25.7	18,381	0.0375	17,715	80	221	8	1,600	4,176	52
27	**289**	26.6	18,381	0.0375	18,335	78	235	8	1,600	4,176	54
28	**337**	26.7	18,381	0.0375	18,404	67	275	8	1,600	4,176	62
29	**299**	26.9	18,381	0.0375	18,542	76	244	8	1,600	4,176	55
30	**297**	26.3	18,381	0.0375	18,128	75	242	8	1,600	4,176	56
31	**297**	26.3	18,381	0.0375	18,128	75	242	8	1,600	4,176	56