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

County: Clatsop
Month/Year: Oct-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	0.04	0.02	0.02	2.48
2	0.02	0.02	0.03	0.03	0.02	0.02	0.79
3	0.03	0.02	PO	PO	0.02	0.03	0.28
4	PO	PO	0.03	0.02	0.02	PO	1.21
5	PO	PO	0.02	0.02	PO	PO	1.53
6	PO	PO	PO	0.02	0.02	0.03	0.95
7	0.02	PO	PO	PO	PO	PO	0.17
8	PO	PO	PO	0.02	0.17	0.02	2.42
9	0.02	0.04	PO	PO	PO	0.02	0.28
10	0.02	PO	PO	PO	PO	PO	0.09
11	PO	PO	PO	0.03	0.02	0.02	0.42
12	0.02	0.02	0.02	0.02	0.02	0.02	0.56
13	PO	PO	PO	PO	PO	0.03	0.30
14	0.02	0.02	PO	PO	0.02	0.02	0.50
15	PO	PO	PO	PO	PO	0.03	0.04
16	0.03	0.03	0.02	PO	PO	PO	1.22
17	PO	PO	0.02	PO	PO	PO	0.28
18	PO	PO	PO	0.04	0.03	0.03	0.06
19	0.03	0.02	0.03	0.02	0.03	PO	0.77
20	PO	PO	PO	0.03	PO	PO	0.23
21	PO	PO	PO	0.03	0.03	PO	0.09
22	PO	PO	PO	0.03	0.02	0.03	0.05
23	PO	PO	PO	PO	PO	PO	PO
24	PO	PO	PO	0.03	0.03	0.03	1.51
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	PO	PO	PO	PO
29	PO	PO	PO	PO	PO	PO	PO
30	PO	PO	PO	0.03	0.03	0.03	0.12
31	0.03	0.03	0.03	0.02	0.02	0.02	1.14

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:** 11-8-21

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:	Oct-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	0.68	231	157.3	14.5	6.93	13.2	YES	83
2	0.78	190	147.9	14.1	6.92	13.7		110
3	0.8	223	178.3	13.8	6.91	13.9		101
4	0.75	46	34.4	13.6	6.81	13.5		483
5	0.75	273	204.6	13.5	6.76	13.4		82
6	0.73	244	177.9	13.6	6.75	13.2		89
7	0.8	85	67.9	13.3	6.65	13.1		262
8	0.76	238	181.0	13.1	6.66	13.3		87
9	0.96	232	222.8	13.0	6.67	13.7		97
10	0.9	234	210.8	13.1	6.70	13.7		92
11	0.86	154	132.4	12.9	6.65	13.5		127
12	0.78	278	216.8	12.3	6.37	13.2		78
13	0.76	327	248.5	12.1	6.68	14.7		68
14	0.78	295	230.1	12.0	6.80	15.5		77
15	0.74	284	210.3	12.1	6.79	15.3		78
16	0.71	278	197.3	12.0	6.75	15.1		82
17	0.69	233	160.9	12.5	6.76	14.2		93
18	0.69	73	50.3	12.2	6.56	14.0		275
19	0.84	203	170.9	12.0	6.60	14.6		111
20	0.82	281	230.1	12.0	6.74	15.2		79
21	0.79	297	234.7	12.1	6.44	13.7		73
22	0.78	293	228.6	12.3	6.51	13.8		74
23	0.81	282	228.7	12.3	6.45	13.6		79
24	0.79	304	239.9	12.4	6.48	13.6		68
25	0.87	325	282.8	12.5	6.41	12.7		65
26	0.86	278	239.3	12.4	6.67	14.6		70
27	0.83	267	221.7	12.4	6.41	13.3		67
28	0.81	248	201.0	12.5	6.72	14.2		66
29	0.78	229	178.9	12.6	6.47	12.8		66
30	0.76	162	123.2	12.6	6.48	12.8		84
31	0.79	287	227.0	12.0	6.50	14.0		57

[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	**231**	21.8	18,381	0.0375	15,026	83	181	8	1,600	4,176	50
2	**190**	24.2	18,381	0.0375	16,681	110	152	8	1,600	4,176	38
3	**223**	26.6	18,381	0.0375	18,335	101	182	8	1,600	4,176	41
4	**46**	26.1	18,381	0.0375	17,990	483	37	8	1,600	4,176	9
5	**273**	26.4	18,381	0.0375	18,197	82	222	8	1,600	4,176	51
6	**244**	25.4	18,381	0.0375	17,508	89	197	8	1,600	4,176	47
7	**85**	26.2	18,381	0.0375	18,059	262	69	8	1,600	4,176	16
8	**238**	24	18,381	0.0375	16,543	87	190	8	1,600	4,176	48
9	**232**	26.6	18,381	0.0375	18,335	97	189	8	1,600	4,176	43
10	**234**	25.2	18,381	0.0375	17,370	92	189	8	1,600	4,176	45
11	**154**	22.3	18,381	0.0375	15,371	127	121	8	1,600	4,176	33
12	**278**	25.4	18,381	0.0375	17,508	78	224	8	1,600	4,176	54
13	**327**	26.2	18,381	0.0375	18,059	68	266	8	1,600	4,176	61
14	**295**	26.9	18,381	0.0375	18,542	77	241	8	1,600	4,176	54
15	**284**	26.1	18,381	0.0375	17,990	78	231	8	1,600	4,176	54
16	**278**	27	18,381	0.0375	18,611	82	227	8	1,600	4,176	51
17	**233**	25.4	18,381	0.0375	17,508	93	188	8	1,600	4,176	45
18	**73**	23	18,381	0.0375	15,854	275	58	8	1,600	4,176	15
19	**203**	26.7	18,381	0.0375	18,404	111	166	8	1,600	4,176	38
20	**281**	26.1	18,381	0.0375	17,990	79	228	8	1,600	4,176	53
21	**297**	25.4	18,381	0.0375	17,508	73	240	8	1,600	4,176	57
22	**293**	25.4	18,381	0.0375	17,508	74	237	8	1,600	4,176	56
23	**282**	26.3	18,381	0.0375	18,128	79	229	8	1,600	4,176	53
24	**304**	23.9	18,381	0.0375	16,474	68	242	8	1,600	4,176	61
25	**325**	24.6	18,381	0.0375	16,956	65	261	8	1,600	4,176	64
26	**278**	22.2	18,381	0.0375	15,302	70	219	8	1,600	4,176	60
27	**267**	19.9	18,381	0.0375	13,717	67	205	8	1,600	4,176	62
28	**248**	17.7	18,381	0.0375	12,200	66	185	8	1,600	4,176	63
29	**229**	15.9	18,381	0.0375	10,960	66	166	8	1,600	4,176	63
30	**162**	13.7	18,381	0.0375	9,443	84	112	8	1,600	4,176	50
31	**287**	17.7	18,381	0.0375	12,200	57	214	8	1,600	4,176	73