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

County: Clatsop
Month/Year: Mar-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	0.03	0.03	0.03	0.03	0.41
2	0.04	PO	PO	PO	PO	PO	0.05
3	PO	PO	PO	0.03	0.03	0.03	0.45
4	0.03	PO	PO	PO	PO	PO	0.05
5	PO	PO	PO	PO	PO	PO	PO
6	PO	PO	PO	0.03	0.03	0.03	0.20
7	0.03	PO	0.03	0.03	0.03	0.03	0.34
8	0.03	PO	PO	PO	PO	PO	0.32
9	0.03	0.03	0.03	0.03	0.03	0.02	1.25
10	PO	PO	PO	PO	PO	PO	PO
11	PO	PO	PO	PO	PO	0.03	0.18
12	0.05	0.02	0.03	0.02	0.03	0.03	0.20
13	PO	PO	PO	0.03	0.03	0.03	0.23
14	PO	PO	PO	PO	PO	PO	0.16
15	PO	PO	PO	PO	PO	PO	0.07
16	0.03	0.02	0.03	0.03	0.03	0.03	0.40
17	PO	PO	PO	PO	0.02	0.03	0.20
18	0.03	PO	PO	0.03	0.03	0.03	0.46
19	PO	PO	PO	PO	0.03	PO	0.03
20	PO	PO	PO	0.03	0.03	0.03	1.00
21	0.03	0.03	0.03	0.03	0.02	PO	1.04
22	PO	PO	PO	PO	PO	PO	PO
23	PO	PO	PO	0.02	0.03	0.03	0.35
24	0.03	0.03	0.02	PO	PO	PO	0.57
25	PO	PO	PO	PO	0.02	0.02	0.47
26	0.03	0.02	0.02	0.02	0.02	0.02	0.97
27	0.02	PO	PO	PO	PO	PO	0.04
28	PO	PO	PO	PO	PO	PO	PO
29	PO	PO	PO	0.02	0.02	0.02	0.47
30	0.02	0.02	0.02	0.02	0.02	0.02	0.47
31	0.02	0.02	0.02	0.02	PO	PO	2.48

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:** 4-8-21

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:	Mar-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	0.79	267	210.8	8.1	6.69	19.2	YES	81
2	0.86	353	303.4	8.4	6.84	19.9		64
3	0.83	303	251.9	8.1	6.70	19.3		71
4	0.76	353	268.1	8.4	6.74	19.1		64
5	0.73	333	242.7	8.6	6.75	18.8		65
6	0.75	220	164.9	8.3	6.79	19.5		93
7	0.76	296	225.2	8.4	6.75	19.1		72
8	0.71	307	218.2	8.5	6.62	18.1		71
9	0.75	319	239.4	8.2	6.86	20.1		69
10	0.75	307	230.6	8.5	6.62	18.1		73
11	0.75	275	206.5	8.5	6.95	20.3		76
12	0.73	257	187.6	8.4	6.75	19.1		86
13	0.79	247	195.2	8.4	6.80	19.5		90
14	0.77	234	180.6	8.7	6.76	18.8		96
15	0.8	324	259.5	8.5	6.65	18.4		66
16	0.83	335	277.8	8.3	6.89	20.4		65
17	0.84	411	344.9	8.2	6.85	20.2		55
18	0.82	305	250.2	8.2	6.46	17.6		74
19	0.83	295	245.1	8.4	6.67	18.7		76
20	0.82	307	251.6	8.5	6.58	18.0		90
21	0.86	299	257.3	8.3	6.57	18.3		101
22	0.87	304	264.2	8.4	6.62	18.5		73
23	0.85	224	190.0	8.2	6.73	19.4		93
24	0.82	229	187.6	8.4	6.27	16.3		96
25	0.82	301	247.0	8.5	6.86	19.9		69
26	0.83	240	199.0	8.4	6.80	19.6		91
27	0.85	293	249.3	8.7	6.82	19.4		77
28	0.87	270	234.9	8.9	6.82	19.2		78
29	0.81	314	254.0	8.8	6.62	17.9		63
30	0.88	272	239.1	8.6	6.84	19.7		77
31	0.85	283	240.6	8.8	6.84	19.4		80

[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	**267**	25.3	18,381	0.0375	17,439	81	215	8	1,600	4,176	52
2	**353**	26.7	18,381	0.0375	18,404	64	288	8	1,600	4,176	65
3	**303**	25.2	18,381	0.0375	17,370	71	245	8	1,600	4,176	59
4	**353**	26.7	18,381	0.0375	18,404	64	288	8	1,600	4,176	65
5	**333**	25.3	18,381	0.0375	17,439	65	268	8	1,600	4,176	64
6	**220**	23.6	18,381	0.0375	16,267	93	175	8	1,600	4,176	45
7	**296**	24.9	18,381	0.0375	17,163	72	238	8	1,600	4,176	58
8	**307**	25.6	18,381	0.0375	17,646	71	249	8	1,600	4,176	59
9	**319**	25.9	18,381	0.0375	17,853	69	259	8	1,600	4,176	61
10	**307**	26.5	18,381	0.0375	18,266	73	250	8	1,600	4,176	57
11	**275**	24.3	18,381	0.0375	16,750	76	220	8	1,600	4,176	55
12	**257**	26	18,381	0.0375	17,921	86	208	8	1,600	4,176	49
13	**247**	26.2	18,381	0.0375	18,059	90	201	8	1,600	4,176	46
14	**234**	26.6	18,381	0.0375	18,335	96	191	8	1,600	4,176	43
15	**324**	25	18,381	0.0375	17,232	66	261	8	1,600	4,176	63
16	**335**	25.5	18,381	0.0375	17,577	65	270	8	1,600	4,176	64
17	**411**	26.7	18,381	0.0375	18,404	55	335	8	1,600	4,176	76
18	**305**	26.7	18,381	0.0375	18,404	74	249	8	1,600	4,176	56
19	**295**	26.5	18,381	0.0375	18,266	76	240	8	1,600	4,176	55
20	**307**	25.1	18,381	0.0375	17,301	70	247	8	1,600	4,176	60
21	**299**	26.5	18,381	0.0375	18,266	75	244	8	1,600	4,176	56
22	**304**	26.1	18,381	0.0375	17,990	73	246	8	1,600	4,176	57
23	**224**	24.1	18,381	0.0375	16,612	93	179	8	1,600	4,176	45
24	**229**	25.8	18,381	0.0375	17,784	96	185	8	1,600	4,176	43
25	**301**	24.1	18,381	0.0375	16,612	69	241	8	1,600	4,176	61
26	**240**	25.6	18,381	0.0375	17,646	91	194	8	1,600	4,176	46
27	**293**	26.7	18,381	0.0375	18,404	77	239	8	1,600	4,176	54
28	**270**	24.5	18,381	0.0375	16,888	78	217	8	1,600	4,176	54
29	**314**	22.6	18,381	0.0375	15,578	63	247	8	1,600	4,176	66
30	**272**	24.3	18,381	0.0375	16,750	77	218	8	1,600	4,176	54
31	**283**	26.8	18,381	0.0375	18,473	80	231	8	1,600	4,176	52