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

County: Clatsop
Month/Year: May-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	0.02	0.02	0.08
2	0.02	0.02	PO	PO	PO	PO	0.02
3	PO	PO	PO	0.03	0.02	0.03	0.60
4	0.02	0.02	0.02	0.03	0.02	0.02	0.78
5	0.02	0.02	0.02	0.02	PO	PO	0.05
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	PO	PO	PO	PO
8	PO	PO	PO	PO	0.03	0.02	0.08
9	0.02	0.02	0.02	0.02	0.02	0.02	0.03
10	0.02	PO	PO	0.02	0.02	0.02	0.04
11	0.02	0.02	0.02	0.02	0.02	0.02	2.51
12	0.03	PO	PO	PO	PO	PO	0.02
13	PO	PO	PO	0.03	0.03	0.03	0.03
14	0.03	0.03	PO	PO	PO	PO	0.23
15	PO	PO	PO	0.03	PO	PO	0.04
16	PO	PO	PO	PO	0.02	0.02	0.16
17	0.02	0.02	0.02	0.02	0.03	0.02	0.39
18	0.02	PO	PO	PO	PO	0.02	0.08
19	0.04	0.02	0.03	PO	0.02	0.03	0.52
20	PO	PO	PO	0.02	0.02	0.02	0.06
21	0.03	0.03	PO	PO	PO	PO	0.03
22	PO	PO	PO	0.02	0.03	0.02	0.07
23	0.02	0.02	0.03	PO	PO	PO	0.30
24	0.02	0.02	0.03	PO	PO	PO	0.04
25	PO	PO	PO	0.03	0.03	0.03	0.47
26	0.03	0.03	0.03	PO	PO	PO	0.07
27	PO	PO	0.03	0.03	0.03	0.03	0.21
28	0.03	0.03	0.03	0.03	0.03	PO	0.30
29	PO	PO	PO	PO	PO	PO	PO
30	PO	PO	PO	PO	PO	PO	PO
31	PO	PO	PO	PO	0.17	0.02	0.42

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:** 6-8-22

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:	May-22	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	0.82	212	173.5	10.3	7.03	18.7	YES	94
2	0.85	289	245.4	10.8	7.05	18.3		72
3	0.85	255	217.1	10.8	6.86	17.2		76
4	0.87	247	214.6	10.6	7.01	18.4		84
5	0.83	304	252.5	10.6	6.89	17.5		74
6	0.79	289	228.4	10.7	7.04	18.3		75
7	0.78	269	209.7	10.7	7.10	18.6		75
8	0.75	309	231.4	10.6	7.00	18.1		60
9	0.76	231	175.8	10.4	6.88	17.6		83
10	0.78	311	242.8	10.5	7.08	18.7		65
11	0.74	321	237.5	10.3	6.92	17.9		68
12	0.8	306	244.4	10.5	7.08	18.8		73
13	0.77	293	225.4	10.4	6.88	17.6		71
14	0.8	238	190.3	10.2	7.00	18.6		92
15	0.78	248	193.2	10.4	6.96	18.1		87
16	0.76	215	163.4	10.7	6.93	17.5		97
17	0.79	251	198.6	10.6	6.97	17.9		86
18	0.81	336	272.1	10.9	6.78	16.5		67
19	0.82	238	195.1	10.8	6.60	15.7		92
20	0.8	268	214.2	11.0	6.69	15.9		82
21	0.8	290	232.3	11.0	7.00	17.7		78
22	0.78	228	177.6	11.0	7.03	17.8		94
23	0.78	312	243.5	11.1	7.01	17.6		73
24	0.78	297	231.7	11.6	6.55	14.6		76
25	0.76	291	221.4	11.8	6.60	14.6		73
26	0.82	274	224.4	11.8	6.70	15.2		82
27	0.8	262	209.4	11.7	6.70	15.3		81
28	0.84	194	163.0	11.7	6.72	15.5		116
29	0.84	189	159.0	11.9	6.74	15.4		112
30	0.79	146	115.0	11.9	6.54	14.3		131
31	0.78	193	150.8	11.9	6.51	14.1		89

[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	**212**	22.8	18,381	0.0375	15,716	94	167	8	1,600	4,176	44
2	**289**	24.1	18,381	0.0375	16,612	72	231	8	1,600	4,176	58
3	**255**	22.1	18,381	0.0375	15,233	76	200	8	1,600	4,176	55
4	**247**	24	18,381	0.0375	16,543	84	197	8	1,600	4,176	50
5	**304**	26.6	18,381	0.0375	18,335	74	248	8	1,600	4,176	56
6	**289**	25.4	18,381	0.0375	17,508	75	233	8	1,600	4,176	56
7	**269**	23.2	18,381	0.0375	15,991	75	213	8	1,600	4,176	56
8	**309**	20.8	18,381	0.0375	14,337	60	239	8	1,600	4,176	70
9	**231**	21.8	18,381	0.0375	15,026	83	181	8	1,600	4,176	50
10	**311**	23.3	18,381	0.0375	16,060	65	247	8	1,600	4,176	64
11	**321**	25.6	18,381	0.0375	17,646	68	259	8	1,600	4,176	61
12	**306**	26.3	18,381	0.0375	18,128	73	248	8	1,600	4,176	57
13	**293**	24.1	18,381	0.0375	16,612	71	234	8	1,600	4,176	59
14	**238**	25.7	18,381	0.0375	17,715	92	193	8	1,600	4,176	45
15	**248**	25.2	18,381	0.0375	17,370	87	200	8	1,600	4,176	48
16	**215**	24.2	18,381	0.0375	16,681	97	172	8	1,600	4,176	43
17	**251**	25.3	18,381	0.0375	17,439	86	203	8	1,600	4,176	49
18	**336**	26.6	18,381	0.0375	18,335	67	274	8	1,600	4,176	62
19	**238**	25.7	18,381	0.0375	17,715	92	193	8	1,600	4,176	45
20	**268**	25.8	18,381	0.0375	17,784	82	217	8	1,600	4,176	51
21	**290**	26.8	18,381	0.0375	18,473	78	237	8	1,600	4,176	54
22	**228**	25	18,381	0.0375	17,232	94	183	8	1,600	4,176	44
23	**312**	27	18,381	0.0375	18,611	73	255	8	1,600	4,176	57
24	**297**	26.7	18,381	0.0375	18,404	76	242	8	1,600	4,176	55
25	**291**	24.8	18,381	0.0375	17,094	73	234	8	1,600	4,176	57
26	**274**	26.5	18,381	0.0375	18,266	82	223	8	1,600	4,176	51
27	**262**	24.7	18,381	0.0375	17,025	81	210	8	1,600	4,176	52
28	**194**	26.6	18,381	0.0375	18,335	116	158	8	1,600	4,176	36
29	**189**	24.7	18,381	0.0375	17,025	112	152	8	1,600	4,176	37
30	**146**	21.6	18,381	0.0375	14,889	131	114	8	1,600	4,176	32
31	**193**	18.9	18,381	0.0375	13,028	89	146	8	1,600	4,176	47