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

County: Clatsop
Month/Year: Sep-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	0.03	0.03	0.02	0.61
2	0.02	PO	PO	PO	PO	0.03	0.64
3	0.03	0.03	PO	PO	PO	0.03	0.26
4	0.02	0.02	0.02	0.02	0.02	0.02	0.77
5	PO	PO	PO	0.03	0.03	0.03	1.41
6	PO	0.03	0.03	PO	0.02	0.03	0.27
7	0.02	0.03	PO	PO	PO	PO	0.22
8	0.02	0.03	0.02	0.02	0.02	PO	0.30
9	PO	PO	PO	0.02	0.02	0.02	1.20
10	0.02	0.02	0.02	PO	PO	PO	0.05
11	PO	0.02	0.02	0.03	0.02	0.02	0.20
12	0.02	0.02	PO	0.02	0.02	0.02	0.23
13	0.03	PO	PO	PO	PO	0.03	0.18
14	0.02	0.02	0.02	0.04	0.02	PO	1.45
15	PO	PO	PO	0.03	0.03	0.03	0.61
16	0.03	0.03	0.03	0.03	PO	PO	0.73
17	PO	PO	PO	0.03	0.03	0.03	1.20
18	0.03	0.03	0.03	PO	PO	PO	0.64
19	0.03	0.03	0.03	PO	PO	PO	0.03
20	PO	PO	PO	PO	PO	PO	PO
21	PO	PO	PO	0.03	0.03	0.03	0.75
22	0.03	0.03	0.03	0.03	0.03	0.03	2.50
23	0.03	0.03	0.03	PO	PO	PO	0.25
24	PO	PO	PO	0.03	0.03	0.03	0.62
25	0.03	PO	PO	PO	0.03	0.03	0.46
26	PO	PO	PO	0.03	0.02	PO	1.16
27	PO	PO	PO	PO	PO	PO	PO
28	PO	PO	PO	PO	PO	PO	PO
29	PO	PO	PO	PO	0.03	0.03	3.26
30	0.02	0.02	0.02	PO	PO	PO	0.56
31							

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:** 10-8-21

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:	Sep-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	0.82	196	161.0	15.3	6.95	12.8	YES	109
2	0.81	262	212.5	15.3	6.98	13.0		85
3	0.8	63	50.7	15.2	6.85	12.4		353
4	0.82	170	139.6	15.0	6.79	12.3		131
5	0.82	21	17.3	15.0	6.71	12.0		104
6	0.8	165	132.0	15.1	6.67	11.7		131
7	0.82	239	196.4	15.2	6.78	12.1		94
8	0.83	245	203.4	15.3	6.74	11.9		93
9	0.81	262	212.5	15.3	6.64	11.4		84
10	0.88	233	204.7	15.6	6.57	11.0		95
11	0.85	207	176.1	15.6	6.60	11.1		105
12	0.9	191	171.6	15.4	6.65	11.5		117
13	0.88	244	214.7	15.4	6.62	11.3		90
14	0.93	231	214.5	15.4	6.91	12.7		97
15	0.89	258	229.2	15.3	6.78	12.1		85
16	0.9	248	223.3	15.1	6.74	12.1		91
17	0.87	234	204.0	15.1	6.64	11.7		96
18	0.85	261	222.2	14.9	6.75	12.3		84
19	0.8	212	169.9	14.9	6.78	12.3		93
20	0.78	219	170.5	14.9	6.80	12.4		85
21	0.76	203	154.5	14.9	6.85	12.6		86
22	0.75	233	174.6	14.9	6.84	12.6		89
23	0.8	250	200.3	14.6	6.72	12.3		91
24	0.71	244	173.3	14.6	6.68	12.0		88
25	0.75	377	283.1	14.6	6.79	12.6		60
26	0.75	183	137.4	14.8	6.63	11.7		121
27	0.73	220	160.9	14.8	6.63	11.7		99
28	0.69	234	161.6	14.6	6.64	11.8		87
29	0.65	229	148.9	14.6	6.74	12.2		82
30	0.76	249	189.1	14.5	6.77	12.6		83
31		#DIV/0!	#DIV/0!			4.2		

[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	**196**	25	18,381	0.0375	17,232	109	158	8	1,600	4,176	38
2	**262**	26.3	18,381	0.0375	18,128	85	213	8	1,600	4,176	49
3	**63**	26.4	18,381	0.0375	18,197	353	52	8	1,600	4,176	12
4	**170**	26.3	18,381	0.0375	18,128	131	138	8	1,600	4,176	32
5	**21**	25.9	18,381	0.0375	17,853	1047	17	8	1,600	4,176	4
6	**165**	25.3	18,381	0.0375	17,439	131	133	8	1,600	4,176	32
7	**239**	26.6	18,381	0.0375	18,335	94	195	8	1,600	4,176	44
8	**245**	27	18,381	0.0375	18,611	93	200	8	1,600	4,176	45
9	**262**	26.3	18,381	0.0375	18,128	85	213	8	1,600	4,176	49
10	**233**	26	18,381	0.0375	17,921	95	189	8	1,600	4,176	44
11	**207**	25.5	18,381	0.0375	17,577	105	167	8	1,600	4,176	40
12	**191**	26.3	18,381	0.0375	18,128	117	155	8	1,600	4,176	36
13	**244**	25.8	18,381	0.0375	17,784	90	198	8	1,600	4,176	46
14	**231**	26.4	18,381	0.0375	18,197	97	188	8	1,600	4,176	43
15	**258**	25.7	18,381	0.0375	17,715	85	208	8	1,600	4,176	49
16	**248**	26.7	18,381	0.0375	18,404	91	202	8	1,600	4,176	46
17	**234**	26.6	18,381	0.0375	18,335	96	191	8	1,600	4,176	43
18	**261**	25.8	18,381	0.0375	17,784	84	212	8	1,600	4,176	50
19	**212**	22.6	18,381	0.0375	15,578	93	168	8	1,600	4,176	45
20	**219**	20.9	18,381	0.0375	14,406	85	169	8	1,600	4,176	49
21	**203**	19.3	18,381	0.0375	13,303	86	155	8	1,600	4,176	49
22	**233**	24	18,381	0.0375	16,543	89	186	8	1,600	4,176	47
23	**250**	27	18,381	0.0375	18,611	91	205	8	1,600	4,176	46
24	**244**	25.1	18,381	0.0375	17,301	88	197	8	1,600	4,176	47
25	**377**	26.8	18,381	0.0375	18,473	60	308	8	1,600	4,176	70
26	**183**	26.1	18,381	0.0375	17,990	121	149	8	1,600	4,176	35
27	**220**	25.6	18,381	0.0375	17,646	99	178	8	1,600	4,176	42
28	**234**	23.5	18,381	0.0375	16,198	87	186	8	1,600	4,176	48
29	**229**	21.2	18,381	0.0375	14,613	82	178	8	1,600	4,176	51
30	**249**	23.9	18,381	0.0375	16,474	83	198	8	1,600	4,176	50
31	**#DIV/0!**		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!