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

County: Clatsop
Month/Year: Nov-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	0.03	0.02	0.02	0.03	PO	PO	0.67
2	PO	PO	PO	0.03	0.02	0.04	0.04
3	PO	PO	PO	0.02	0.03	PO	0.29
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	PO	PO	PO	PO
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	0.02	0.02	0.02	0.11
8	0.02	0.02	0.12	0.02	0.02	0.02	0.58
9	0.02	0.02	0.02	0.02	0.02	0.02	0.18
10	0.02	0.02	0.02	PO	PO	PO	0.24
11	PO	PO	PO	PO	0.02	0.02	0.03
12	PO	PO	PO	PO	PO	PO	PO
13	PO	PO	PO	0.02	0.02	0.02	0.06
14	0.02	0.02	PO	PO	PO	0.03	0.05
15	0.02	0.05	0.03	PO	PO	PO	0.58
16	PO	PO	0.02	0.02	0.02	0.02	0.26
17	PO	PO	PO	PO	PO	0.02	0.09
18	0.02	0.02	0.02	PO	PO	PO	0.52
19	PO	0.02	0.02	0.02	0.02	0.02	0.44
20	PO	PO	PO	PO	0.02	0.02	0.32
21	0.02	0.02	0.02	PO	PO	PO	0.27
22	PO	0.02	0.02	0.02	PO	PO	0.71
23	PO	PO	PO	0.02	0.02	0.02	0.23
24	0.02	0.02	PO	PO	PO	PO	0.29
25	PO	PO	PO	PO	PO	PO	PO
26	PO	PO	PO	0.02	0.02	0.02	0.03
27	0.02	0.02	0.02	0.02	0.02	PO	0.56
28	PO	PO	PO	0.03	0.03	0.03	0.06
29	0.02	PO	PO	0.02	PO	PO	0.21
30	PO	PO	PO	PO	PO	PO	PO
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: 12-8-22

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:	Nov-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	0.91	306	278.9	11.7	7.28	18.8	YES	73
2	0.85	327	278.4	11.6	7.17	18.1		66
3	0.87	257	223.5	11.0	7.35	20.1		86
4	0.86	330	283.4	11.0	7.29	19.7		66
5	0.82	241	197.9	11.1	7.20	18.9		83
6	0.78	226	176.0	11.0	7.28	19.4		79
7	0.76	196	149.1	10.7	7.29	19.8		81
8	0.92	246	226.4	10.0	7.28	21.1		73
9	0.94	270	253.6	9.7	7.23	21.2		75
10	0.9	294	264.7	9.4	7.27	21.8		77
11	0.86	243	209.3	9.4	7.30	21.9		86
12	0.84	257	216.1	9.4	7.18	21.0		84
13	0.84	238	199.8	9.4	7.20	21.1		90
14	0.84	244	204.9	9.3	7.26	21.7		92
15	0.84	275	231.3	9.0	7.24	22.0		82
16	0.81	278	225.2	8.9	7.24	22.1		78
17	0.83	341	283.0	9.0	7.27	22.2		65
18	0.87	338	294.1	8.6	7.31	23.2		67
19	0.85	270	229.7	8.4	7.20	22.6		81
20	0.85	341	289.9	8.3	7.27	23.3		65
21	0.86	288	248.1	8.1	7.28	23.7		79
22	0.83	300	248.6	8.2	7.36	24.2		74
23	0.8	254	203.4	8.6	7.28	22.8		85
24	0.82	201	165.1	8.5	7.23	22.6		107
25	0.82	227	186.3	8.7	7.23	22.3		100
26	0.79	177	139.7	8.4	7.11	21.7		116
27	0.8	197	157.4	8.5	7.10	21.6		113
28	0.77	242	186.1	8.6	7.08	21.2		90
29	0.78	273	212.8	8.0	7.26	23.5		82
30	0.78	326	254.6	8.2	7.02	21.3		66
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	**306**	26.4	18,381	0.0375	18,197	73	249	8	1,600	4,176	57
2	**327**	25.3	18,381	0.0375	17,439	66	264	8	1,600	4,176	63
3	**257**	26	18,381	0.0375	17,921	86	208	8	1,600	4,176	49
4	**330**	25.5	18,381	0.0375	17,577	66	266	8	1,600	4,176	63
5	**241**	23	18,381	0.0375	15,854	83	191	8	1,600	4,176	50
6	**226**	19.8	18,381	0.0375	13,648	79	173	8	1,600	4,176	53
7	**196**	17	18,381	0.0375	11,718	81	145	8	1,600	4,176	52
8	**246**	20	18,381	0.0375	13,786	73	189	8	1,600	4,176	57
9	**270**	23.3	18,381	0.0375	16,060	75	214	8	1,600	4,176	56
10	**294**	26.8	18,381	0.0375	18,473	77	240	8	1,600	4,176	54
11	**243**	24.3	18,381	0.0375	16,750	86	195	8	1,600	4,176	49
12	**257**	25.3	18,381	0.0375	17,439	84	208	8	1,600	4,176	50
13	**238**	25	18,381	0.0375	17,232	90	191	8	1,600	4,176	46
14	**244**	26.5	18,381	0.0375	18,266	92	199	8	1,600	4,176	45
15	**275**	26.7	18,381	0.0375	18,404	82	224	8	1,600	4,176	51
16	**278**	25.4	18,381	0.0375	17,508	78	224	8	1,600	4,176	54
17	**341**	26.1	18,381	0.0375	17,990	65	277	8	1,600	4,176	64
18	**338**	26.8	18,381	0.0375	18,473	67	276	8	1,600	4,176	62
19	**270**	25.7	18,381	0.0375	17,715	81	219	8	1,600	4,176	52
20	**341**	26.1	18,381	0.0375	17,990	65	277	8	1,600	4,176	64
21	**288**	27	18,381	0.0375	18,611	79	236	8	1,600	4,176	53
22	**300**	26.1	18,381	0.0375	17,990	74	243	8	1,600	4,176	56
23	**254**	25.3	18,381	0.0375	17,439	85	205	8	1,600	4,176	49
24	**201**	25.2	18,381	0.0375	17,370	107	162	8	1,600	4,176	39
25	**227**	26.9	18,381	0.0375	18,542	100	185	8	1,600	4,176	42
26	**177**	23.7	18,381	0.0375	16,336	116	141	8	1,600	4,176	36
27	**197**	26.2	18,381	0.0375	18,059	113	160	8	1,600	4,176	37
28	**242**	25.5	18,381	0.0375	17,577	90	195	8	1,600	4,176	46
29	**273**	26.4	18,381	0.0375	18,197	82	222	8	1,600	4,176	51
30	**326**	25.2	18,381	0.0375	17,370	66	263	8	1,600	4,176	63
31	**#DIV/0!**		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!