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

County: Clatsop
Month/Year: Aug-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	0.02	0.02	0.02	0.02	PO	0.02	0.32
2	0.03	0.03	0.03	0.03	PO	PO	1.64
3	PO	PO	0.03	0.03	0.03	0.03	2.01
4	0.03	PO	PO	PO	PO	0.03	0.52
5	0.02	0.03	0.02	PO	PO	PO	0.26
6	0.02	0.02	0.02	0.03	PO	PO	1.87
7	PO	PO	PO	0.03	0.03	0.03	0.38
8	0.03	PO	PO	PO	PO	0.03	0.54
9	0.22	0.03	0.03	PO	PO	PO	1.96
10	PO	PO	0.03	0.03	0.03	0.03	2.00
11	0.03	PO	PO	PO	0.03	0.03	0.94
12	0.03	0.03	0.03	PO	0.03	0.03	0.50
13	0.02	PO	PO	PO	0.03	0.02	0.30
14	0.03	0.03	0.03	0.03	PO	PO	2.56
15	PO	PO	PO	0.02	0.02	0.03	0.73
16	0.02	0.05	PO	PO	PO	0.02	0.39
17	0.03	0.02	PO	PO	0.02	0.02	0.74
18	PO	PO	PO	PO	PO	0.02	0.92
19	0.02	0.02	0.03	PO	PO	PO	0.21
20	0.03	0.03	0.03	0.03	PO	PO	1.30
21	PO	PO	PO	0.02	0.03	0.02	1.02
22	0.08	PO	PO	PO	PO	0.02	0.41
23	0.02	0.02	0.02	PO	PO	PO	1.03
24	0.02	0.02	0.02	0.02	PO	PO	1.57
25	PO	PO	PO	0.02	0.02	0.02	1.72
26	0.04	PO	PO	PO	PO	0.03	0.45
27	0.03	0.03	0.03	PO	PO	PO	2.34
28	PO	0.03	0.03	0.03	0.03	PO	0.68
29	PO	PO	PO	PO	PO	PO	PO
30	PO	PO	PO	0.03	0.03	0.03	1.11
31	0.03	0.03	0.03	0.04	PO	PO	1.22

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:** 9.8.21

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:	Aug-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	0.95	177	168.5	16.5	6.70	10.9	YES	123
2	0.96	209	200.7	16.4	6.75	11.2		108
3	0.93	239	222.6	16.3	6.80	11.5		90
4	0.94	266	249.6	16.5	6.87	11.7		84
5	0.96	261	250.7	16.6	6.86	11.6		87
6	0.95	237	225.4	16.7	6.67	10.7		94
7	0.88	235	206.7	16.7	6.65	10.5		92
8	0.83	228	188.9	16.5	6.70	10.8		98
9	0.85	233	198.5	16.5	6.71	10.9		97
10	0.8	210	168.4	16.6	6.68	10.6		104
11	0.82	229	188.0	16.7	6.61	10.3		97
12	0.86	208	179.2	16.9	6.70	10.5		109
13	0.81	201	163.2	17.0	6.71	10.5		109
14	0.83	165	137.2	17.0	6.69	10.4		137
15	0.78	242	188.8	16.9	6.68	10.4		89
16	0.83	203	168.3	16.9	6.96	11.6		109
17	0.83	264	219.2	16.7	6.84	11.2		86
18	0.79	269	212.3	16.7	6.93	11.6		83
19	0.84	254	213.8	16.7	6.90	11.5		89
20	0.83	223	185.0	16.4	6.90	11.7		101
21	0.79	206	162.6	16.4	6.89	11.6		104
22	0.82	242	198.8	16.3	6.85	11.6		92
23	0.86	228	196.1	16.0	6.93	12.2		99
24	0.82	261	214.0	16.0	6.65	10.9		86
25	0.8	227	181.4	15.8	6.80	11.7		95
26	0.83	243	201.8	15.9	6.72	11.3		92
27	0.87	242	210.9	15.9	6.55	10.7		94
28	0.83	212	175.8	15.7	6.56	10.8		105
29	0.81	336	272.0	15.7	6.60	11.0		66
30	0.77	206	158.5	15.6	6.93	12.4		98
31	0.87	228	198.0	15.5	6.71	11.6		98

[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	**177**	25.6	18,381	0.0375	17,646	123	143	8	1,600	4,176	34
2	**209**	26.7	18,381	0.0375	18,404	108	170	8	1,600	4,176	39
3	**239**	25.2	18,381	0.0375	17,370	90	193	8	1,600	4,176	46
4	**266**	26.3	18,381	0.0375	18,128	84	216	8	1,600	4,176	50
5	**261**	26.9	18,381	0.0375	18,542	87	213	8	1,600	4,176	48
6	**237**	26.3	18,381	0.0375	18,128	94	193	8	1,600	4,176	44
7	**235**	25.3	18,381	0.0375	17,439	92	190	8	1,600	4,176	45
8	**228**	26.3	18,381	0.0375	18,128	98	185	8	1,600	4,176	43
9	**233**	26.8	18,381	0.0375	18,473	97	190	8	1,600	4,176	43
10	**210**	25.7	18,381	0.0375	17,715	104	170	8	1,600	4,176	40
11	**229**	26.2	18,381	0.0375	18,059	97	186	8	1,600	4,176	43
12	**208**	26.9	18,381	0.0375	18,542	109	170	8	1,600	4,176	38
13	**201**	25.8	18,381	0.0375	17,784	109	163	8	1,600	4,176	38
14	**165**	26.8	18,381	0.0375	18,473	137	135	8	1,600	4,176	30
15	**242**	25.2	18,381	0.0375	17,370	89	195	8	1,600	4,176	47
16	**203**	26	18,381	0.0375	17,921	109	164	8	1,600	4,176	38
17	**264**	26.9	18,381	0.0375	18,542	86	216	8	1,600	4,176	49
18	**269**	26.3	18,381	0.0375	18,128	83	218	8	1,600	4,176	50
19	**254**	26.8	18,381	0.0375	18,473	89	208	8	1,600	4,176	47
20	**223**	26.6	18,381	0.0375	18,335	101	182	8	1,600	4,176	41
21	**206**	25	18,381	0.0375	17,232	104	166	8	1,600	4,176	40
22	**242**	26.3	18,381	0.0375	18,128	92	197	8	1,600	4,176	45
23	**228**	26.7	18,381	0.0375	18,404	99	186	8	1,600	4,176	42
24	**261**	26.5	18,381	0.0375	18,266	86	212	8	1,600	4,176	49
25	**227**	25.2	18,381	0.0375	17,370	95	183	8	1,600	4,176	44
26	**243**	26.4	18,381	0.0375	18,197	92	198	8	1,600	4,176	45
27	**242**	27	18,381	0.0375	18,611	94	198	8	1,600	4,176	44
28	**212**	26.2	18,381	0.0375	18,059	105	172	8	1,600	4,176	40
29	**336**	26.1	18,381	0.0375	17,990	66	273	8	1,600	4,176	63
30	**206**	23.2	18,381	0.0375	15,991	98	163	8	1,600	4,176	43
31	**228**	26.3	18,381	0.0375	18,128	98	185	8	1,600	4,176	43