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

County: Clatsop
Month/Year: Jul-21
WTP : TP - A

System Name: Arch Cape Water District ID#: 41 00802

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	0.03	PO	PO	0.74
2	PO	PO	PO	0.03	0.03	0.03	0.86
3	0.03	0.03	0.03	PO	0.03	0.03	0.56
4	0.03	0.03	0.03	0.03	0.03	0.03	1.43
5	PO	PO	PO	0.03	0.02	0.03	0.46
6	0.03	0.03	0.03	PO	PO	PO	1.45
7	PO	PO	0.03	0.03	0.03	0.03	2.09
8	PO	PO	PO	PO	PO	0.03	1.31
9	0.03	0.02	PO	PO	0.03	0.03	0.33
10	0.03	0.03	0.03	PO	PO	0.03	1.50
11	0.03	0.03	0.03	0.06	0.03	PO	1.81
12	PO	PO	PO	0.03	0.03	0.03	0.91
13	0.04	PO	PO	PO	PO	0.03	0.40
14	0.03	0.02	PO	PO	PO	0.03	0.30
15	0.03	0.03	0.05	PO	0.03	0.03	1.20
16	0.09	PO	PO	0.03	0.03	PO	1.74
17	PO	PO	PO	0.03	0.03	0.03	0.12
18	0.03	0.03	PO	PO	PO	0.02	0.28
19	0.03	0.05	0.03	0.03	PO	PO	1.20
20	PO	PO	0.03	0.03	0.03	0.03	1.36
21	0.03	PO	PO	PO	PO	0.03	0.68
22	0.03	0.03	0.03	PO	PO	0.03	0.98
23	0.03	0.03	0.03	0.03	PO	PO	1.90
24	PO	PO	0.03	0.03	0.03	0.03	1.09
25	PO	PO	PO	PO	0.03	0.03	0.93
26	PO	PO	PO	0.03	0.03	0.03	0.36
27	0.03	0.03	0.03	0.03	0.03	0.03	1.43
28	PO	PO	PO	PO	0.02	0.02	0.30
29	0.02	0.03	0.03	PO	PO	0.03	0.96
30	0.03	0.03	0.03	0.03	0.03	0.03	2.30
31	PO	PO	0.03	0.03	0.03	0.03	0.24

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: 8.4.21

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:	Jul-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	0.81	216	175.2	17.4	6.84	10.7	YES	105
2	0.78	212	165.3	17.2	6.82	10.7		101
3	0.79	157	123.8	16.9	6.80	10.9		141
4	0.81	171	138.1	16.6	6.75	10.9		132
5	0.78	136	105.7	16.7	6.50	9.8		162
6	0.82	189	155.2	16.5	6.81	11.2		120
7	0.78	226	176.2	16.4	6.47	9.9		96
8	0.81	238	193.1	16.4	6.78	11.2		93
9	0.83	238	197.3	16.3	6.75	11.1		95
10	0.85	215	182.7	16.5	6.70	10.8		106
11	0.85	230	195.8	16.2	6.67	10.9		98
12	0.83	201	166.6	16.2	6.70	11.0		108
13	0.84	202	169.3	16.1	6.64	10.9		111
14	0.85	207	176.1	16.0	6.88	12.0		109
15	0.86	250	214.7	15.8	6.83	11.9		91
16	0.83	237	196.9	15.9	6.80	11.7		94
17	0.83	192	159.3	16.0	6.78	11.5		113
18	0.85	231	196.0	15.9	6.78	11.6		97
19	0.86	200	172.4	15.8	6.80	11.8		113
20	0.85	220	186.9	15.8	6.83	11.9		98
21	0.84	214	179.6	16.1	6.90	12.0		104
22	0.86	238	205.0	16.1	6.74	11.3		95
23	0.86	231	198.8	16.1	6.60	10.7		98
24	0.83	201	166.6	16.1	6.58	10.6		107
25	0.85	257	218.1	16.5	6.58	10.3		88
26	0.82	189	155.2	16.5	6.83	11.3		108
27	0.85	199	169.2	16.6	6.84	11.3		111
28	0.83	215	178.6	16.6	6.60	10.3		103
29	0.99	231	228.8	16.6	6.70	10.9		98
30	0.96	178	170.5	16.6	6.75	11.1		126
31	0.93	184	171.4	16.7	6.73	10.9		118

[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	**216**	26.9	18,381	0.0375	18,542	105	177	8	1,600	4,176	40
2	**212**	25	18,381	0.0375	17,232	101	171	8	1,600	4,176	41
3	**157**	26	18,381	0.0375	17,921	141	127	8	1,600	4,176	30
4	**171**	26.6	18,381	0.0375	18,335	132	139	8	1,600	4,176	32
5	**136**	25.8	18,381	0.0375	17,784	162	110	8	1,600	4,176	26
6	**189**	26.9	18,381	0.0375	18,542	120	155	8	1,600	4,176	35
7	**226**	25.4	18,381	0.0375	17,508	96	182	8	1,600	4,176	43
8	**238**	26.1	18,381	0.0375	17,990	93	193	8	1,600	4,176	45
9	**238**	26.7	18,381	0.0375	18,404	95	194	8	1,600	4,176	44
10	**215**	27	18,381	0.0375	18,611	106	176	8	1,600	4,176	39
11	**230**	26.7	18,381	0.0375	18,404	98	188	8	1,600	4,176	43
12	**201**	25.4	18,381	0.0375	17,508	108	162	8	1,600	4,176	39
13	**202**	26.4	18,381	0.0375	18,197	111	164	8	1,600	4,176	38
14	**207**	26.7	18,381	0.0375	18,404	109	169	8	1,600	4,176	38
15	**250**	26.9	18,381	0.0375	18,542	91	204	8	1,600	4,176	46
16	**237**	26.3	18,381	0.0375	18,128	94	193	8	1,600	4,176	44
17	**192**	25.4	18,381	0.0375	17,508	113	155	8	1,600	4,176	37
18	**231**	26.4	18,381	0.0375	18,197	97	188	8	1,600	4,176	43
19	**200**	26.8	18,381	0.0375	18,473	113	163	8	1,600	4,176	37
20	**220**	25.2	18,381	0.0375	17,370	98	177	8	1,600	4,176	43
21	**214**	26.2	18,381	0.0375	18,059	104	174	8	1,600	4,176	40
22	**238**	26.8	18,381	0.0375	18,473	95	194	8	1,600	4,176	44
23	**231**	26.8	18,381	0.0375	18,473	98	188	8	1,600	4,176	43
24	**201**	25.1	18,381	0.0375	17,301	107	162	8	1,600	4,176	39
25	**257**	26.7	18,381	0.0375	18,404	88	209	8	1,600	4,176	47
26	**189**	23.6	18,381	0.0375	16,267	108	151	8	1,600	4,176	39
27	**199**	26	18,381	0.0375	17,921	111	161	8	1,600	4,176	38
28	**215**	26.1	18,381	0.0375	17,990	103	175	8	1,600	4,176	41
29	**231**	26.8	18,381	0.0375	18,473	98	188	8	1,600	4,176	43
30	**178**	26.4	18,381	0.0375	18,197	126	144	8	1,600	4,176	33
31	**184**	25.5	18,381	0.0375	17,577	118	149	8	1,600	4,176	35