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

County: Clatsop
Month/Year: Jul-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	0.02	0.02	0.02	0.03	0.02	0.03	0.20
2	0.02	PO	PO	PO	0.02	0.02	0.02
3	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4	0.02	0.02	0.02	0.02	0.03	0.02	0.04
5	0.03	0.02	0.03	0.03	0.02	0.03	0.04
6	0.02	0.02	PO	PO	PO	0.02	0.07
7	0.03	0.03	0.02	0.02	PO	PO	0.04
8	PO	PO	0.02	0.02	0.03	0.02	0.20
9	PO	po	PO	PO	0.02	0.02	0.02
10	0.02	0.02	0.02	0.02	PO	PO	0.03
11	PO	PO	0.02	0.02	0.02	0.03	0.08
12	0.02	0.02	PO	PO	0.02	0.02	3.41
13	PO	PO	0.03	0.02	0.03	PO	0.68
14	PO	PO	0.03	0.02	0.02	0.02	0.47
15	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16	0.02	0.02	0.02	0.02	0.02	PO	0.02
17	PO	PO	PO	0.02	0.02	0.02	0.13
18	0.02	0.02	0.02	PO	0.02	0.02	0.54
19	PO	PO	PO	0.02	0.02	0.02	0.12
20	0.02	PO	PO	PO	0.02	0.02	0.17
21	0.02	0.02	0.02	0.02	PO	PO	0.53
22	PO	PO	0.02	0.02	0.02	0.02	0.02
23	0.02	0.02	0.02	PO	PO	PO	0.14
24	0.02	0.02	0.02	0.02	0.02	0.02	0.18
25	0.02	0.02	0.02	PO	PO	PO	0.47
26	PO	PO	PO	0.02	0.02	0.02	0.02
27	0.02	0.02	0.02	0.02	PO	PO	0.03
28	PO	0.02	0.02	0.02	0.02	0.02	0.02
29	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30	PO	PO	PO	0.02	0.02	0.02	0.02
31	0.02	0.02	0.02	0.02	0.02	PO	0.17

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:** 8.9.22

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:	Jul-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	232	190.1	14.4	6.95	13.6	YES	98
2	0.8	223	178.6	14.4	7.00	13.9		99
3	0.81	165	133.3	14.1	6.89	13.6		133
4	0.81	146	118.6	14.1	6.90	13.6		150
5	0.83	193	159.9	14.1	6.96	14.0		114
6	0.87	238	206.8	14.2	6.95	13.9		95
7	0.86	198	170.3	14.2	7.03	14.3		114
8	0.84	214	179.8	14.2	7.03	14.3		101
9	0.83	214	177.6	14.1	7.00	14.2		109
10	0.85	224	190.0	14.8	6.89	13.0		101
11	0.83	175	145.1	14.9	7.08	13.9		124
12	0.82	214	175.3	15.3	7.02	13.2		105
13	0.79	240	189.7	15.5	6.89	12.3		90
14	0.76	170	129.5	15.5	7.02	12.9		120
15	0.75	190	142.4	15.5	7.06	13.1		112
16	0.76	191	145.4	15.5	7.09	13.2		118
17	0.74	177	131.1	15.6	7.04	12.9		122
18	0.75	216	161.8	15.5	7.13	13.4		104
19	0.74	231	170.9	15.6	7.09	13.1		96
20	0.76	204	155.0	15.8	7.10	13.0		109
21	0.8	216	173.2	15.8	7.06	12.9		104
22	0.78	172	134.0	15.7	7.02	12.8		125
23	0.82	284	232.9	15.6	7.00	12.8		80
24	0.8	230	184.2	15.6	7.04	13.0		93
25	0.83	175	145.5	15.6	7.01	12.9		128
26	0.81	203	164.7	15.8	7.04	12.8		108
27	0.84	204	171.4	15.9	7.00	12.6		111
28	0.84	181	152.3	15.9	7.00	12.6		120
29	0.85	188	160.2	15.9	7.20	13.6		118
30	0.79	185	145.9	16.0	7.20	13.4		120
31	0.78	201	156.7	16.0	7.16	13.2		110

[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	**232**	26.9	18,381	0.0375	18,542	98	189	8	1,600	4,176	43
2	**223**	26	18,381	0.0375	17,921	99	181	8	1,600	4,176	42
3	**165**	25.7	18,381	0.0375	17,715	133	133	8	1,600	4,176	31
4	**146**	25.8	18,381	0.0375	17,784	150	119	8	1,600	4,176	28
5	**193**	25.8	18,381	0.0375	17,784	114	156	8	1,600	4,176	37
6	**238**	26.7	18,381	0.0375	18,404	95	194	8	1,600	4,176	44
7	**198**	26.7	18,381	0.0375	18,404	114	161	8	1,600	4,176	37
8	**214**	25.3	18,381	0.0375	17,439	101	173	8	1,600	4,176	41
9	**214**	25.3	18,381	0.0375	17,439	101	173	8	1,600	4,176	41
10	**224**	26.7	18,381	0.0375	18,404	101	182	8	1,600	4,176	41
11	**175**	25.4	18,381	0.0375	17,508	124	141	8	1,600	4,176	34
12	**214**	26.5	18,381	0.0375	18,266	105	174	8	1,600	4,176	40
13	**240**	25.3	18,381	0.0375	17,439	90	194	8	1,600	4,176	46
14	**170**	23.6	18,381	0.0375	16,267	120	136	8	1,600	4,176	35
15	**190**	24.8	18,381	0.0375	17,094	112	153	8	1,600	4,176	37
16	**191**	26.7	18,381	0.0375	18,404	118	156	8	1,600	4,176	35
17	**177**	25.3	18,381	0.0375	17,439	122	143	8	1,600	4,176	34
18	**216**	26.5	18,381	0.0375	18,266	104	176	8	1,600	4,176	40
19	**231**	26.1	18,381	0.0375	17,990	96	187	8	1,600	4,176	43
20	**204**	26.2	18,381	0.0375	18,059	109	166	8	1,600	4,176	38
21	**216**	26.6	18,381	0.0375	18,335	104	176	8	1,600	4,176	40
22	**172**	25.1	18,381	0.0375	17,301	125	138	8	1,600	4,176	33
23	**284**	26.9	18,381	0.0375	18,542	80	232	8	1,600	4,176	52
24	**230**	25	18,381	0.0375	17,232	93	185	8	1,600	4,176	45
25	**175**	26.5	18,381	0.0375	18,266	128	143	8	1,600	4,176	33
26	**203**	25.8	18,381	0.0375	17,784	108	165	8	1,600	4,176	39
27	**204**	26.8	18,381	0.0375	18,473	111	166	8	1,600	4,176	38
28	**181**	25.5	18,381	0.0375	17,577	120	146	8	1,600	4,176	35
29	**188**	26.2	18,381	0.0375	18,059	118	153	8	1,600	4,176	35
30	**185**	26.1	18,381	0.0375	17,990	120	150	8	1,600	4,176	35
31	**201**	26	18,381	0.0375	17,921	110	163	8	1,600	4,176	38