

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

County: Clatsop

Month/Year: Aug-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	PO	PO	PO	0.02	0.02	0.02	0.29
2	0.02	0.02	0.02	0.02	0.02	PO	0.03
3	PO	PO	PO	0.02	0.02	0.02	0.10
4	0.02	0.03	PO	PO	PO	PO	0.03
5	PO	PO	PO	0.02	0.02	PO	0.02
6	PO	PO	PO	0.02	0.02	0.02	0.02
7	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8	PO	PO	PO	PO	0.02	0.02	0.13
9	0.02	0.02	0.02	PO	PO	0.02	0.22
10	0.02	0.03	0.02	PO	PO	PO	0.13
11	PO	PO	0.02	0.02	0.02	0.02	0.04
12	0.02	0.02	PO	PO	0.04	0.03	0.05
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	0.02	0.02	0.02	0.02	0.05
15	0.02	0.02	0.02	PO	PO	PO	0.03
16	0.02	0.02	0.02	0.02	0.02	0.02	0.05
17	PO	PO	PO	0.02	0.02	0.02	0.03
18	0.02	0.02	PO	PO	PO	0.02	0.03
19	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20	PO	PO	PO	PO	0.02	0.02	0.06
21	0.02	0.02	0.02	PO	PO	PO	0.07
22	PO	0.02	0.02	0.02	0.02	0.02	0.13
23	0.02	PO	PO	PO	PO	0.02	0.02
24	0.02	0.02	0.02	PO	PO	PO	0.03
25	PO	0.03	0.02	0.02	0.02	0.02	0.22
26	PO	PO	PO	PO	PO	PO	PO
27	PO	PO	0.02	0.03	0.02	0.02	0.17
28	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29	0.02	0.02	0.02	PO	PO	0.05	0.12
30	0.02	0.02	0.02	0.02	0.02	0.02	0.30
31	PO	PO	PO	PO	PO	PO	PO

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: 9-8-22

PHONE #: (503) 436-2790

CERT #: 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-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	0.74	186	137.9	16.1	7.15	13.0	YES	116
2	0.73	62	45.5	15.9	7.09	12.9		320
3	0.7	232	162.2	16.1	7.12	12.8		93
4	0.7	218	152.3	16.0	7.08	12.7		100
5	0.75	167	125.5	16.1	7.07	12.6		130
6	0.72	268	192.7	16.1	7.02	12.3		81
7	0.76	229	174.0	16.3	7.05	12.4		98
8	0.75	184	137.7	16.3	7.03	12.3		117
9	0.78	200	155.9	16.3	7.05	12.4		114
10	0.79	255	201.6	16.2	7.02	12.4		89
11	0.77	195	150.4	16.1	7.06	12.6		111
12	0.78	238	185.6	16.3	7.01	12.2		94
13	0.78	234	182.9	16.3	7.05	12.4		96
14	0.76	238	180.8	16.3	7.01	12.2		90
15	0.72	229	165.2	16.2	7.35	13.9		99
16	0.74	245	181.4	16.3	7.30	13.5		91
17	0.73	212	154.7	16.4	7.25	13.2		103
18	0.78	233	181.6	16.7	7.31	13.3		97
19	0.79	205	161.7	16.8	7.38	13.6		109
20	0.77	292	224.6	16.9	7.32	13.2		76
21	0.78	264	206.0	16.9	7.28	13.0		86
22	0.75	206	154.4	16.8	7.36	13.4		107
23	0.75	229	171.9	17.0	7.41	13.5		97
24	0.78	235	183.2	17.1	7.37	13.2		97
25	0.75	207	155.4	17.2	7.35	13.0		106
26	0.76	176	133.7	17.2	7.30	12.8		126
27	0.71	230	163.5	17.2	7.31	12.8		87
28	0.76	203	154.5	17.1	7.25	12.6		105
29	0.78	230	179.5	16.7	7.41	13.8		99
30	0.76	226	171.7	16.9	6.22	8.7		99
31	0.75	244	183.0	16.9	6.08	8.2		90

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

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	186	25.3	18,381	0.0375	17,439	116	150	8	1,600	4,176	36
2	62	26.8	18,381	0.0375	18,473	363	51	8	1,600	4,176	12
3	232	25.2	18,381	0.0375	17,370	93	187	8	1,600	4,176	45
4	218	25.5	18,381	0.0375	17,577	100	176	8	1,600	4,176	42
5	167	25.5	18,381	0.0375	17,577	130	135	8	1,600	4,176	32
6	268	25.4	18,381	0.0375	17,508	81	216	8	1,600	4,176	52
7	229	26.5	18,381	0.0375	18,266	98	186	8	1,600	4,176	43
8	184	25.1	18,381	0.0375	17,301	117	148	8	1,600	4,176	36
9	200	27	18,381	0.0375	18,611	114	163	8	1,600	4,176	37
10	255	26.9	18,381	0.0375	18,542	89	208	8	1,600	4,176	47
11	195	25.4	18,381	0.0375	17,508	111	158	8	1,600	4,176	38
12	238	26.4	18,381	0.0375	18,197	94	194	8	1,600	4,176	44
13	234	26.6	18,381	0.0375	18,335	96	191	8	1,600	4,176	43
14	238	25	18,381	0.0375	17,232	90	191	8	1,600	4,176	46
15	229	26.9	18,381	0.0375	18,542	99	187	8	1,600	4,176	42
16	245	26.3	18,381	0.0375	18,128	91	199	8	1,600	4,176	46
17	212	25.6	18,381	0.0375	17,646	103	171	8	1,600	4,176	41
18	233	26.7	18,381	0.0375	18,404	97	190	8	1,600	4,176	43
19	205	26.3	18,381	0.0375	18,128	109	166	8	1,600	4,176	38
20	292	26.1	18,381	0.0375	17,990	76	237	8	1,600	4,176	55
21	264	26.9	18,381	0.0375	18,542	86	216	8	1,600	4,176	49
22	206	25.9	18,381	0.0375	17,853	107	167	8	1,600	4,176	39
23	229	26.2	18,381	0.0375	18,059	97	186	8	1,600	4,176	43
24	235	27	18,381	0.0375	18,611	97	192	8	1,600	4,176	43
25	207	25.8	18,381	0.0375	17,784	106	168	8	1,600	4,176	39
26	176	26.1	18,381	0.0375	17,990	126	143	8	1,600	4,176	33
27	230	23	18,381	0.0375	15,854	87	182	8	1,600	4,176	48
28	203	24.9	18,381	0.0375	17,163	105	163	8	1,600	4,176	40
29	230	27	18,381	0.0375	18,611	99	188	8	1,600	4,176	42
30	226	26.4	18,381	0.0375	18,197	99	184	8	1,600	4,176	42
31	244	25.8	18,381	0.0375	17,784	90	198	8	1,600	4,176	46