

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

County: Clatsop

Month/Year: Oct-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	0.03	0.03	0.03	0.05
2	0.03	0.03	PO	PO	PO	PO	0.08
3	0.02	0.02	0.02	0.02	0.03	0.02	0.23
4	PO	PO	PO	PO	0.02	0.02	0.10
5	0.02	0.02	0.02	0.02	PO	PO	0.49
6	PO	PO	0.02	0.02	0.03	0.03	0.53
7	0.03	0.02	PO	PO	PO	0.03	0.03
8	0.03	0.03	0.02	0.02	0.02	0.02	0.03
9	PO	PO	PO	PO	0.03	0.02	0.04
10	0.03	0.02	0.02	0.02	0.02	PO	0.67
11	PO	PO	PO	0.02	0.02	0.02	0.05
12	0.03	0.02	0.02	PO	PO	PO	0.03
13	PO	PO	0.03	0.02	0.03	0.03	0.05
14	0.02	0.02	PO	PO	PO	PO	0.03
15	0.02	0.03	0.02	0.03	0.02	0.02	0.04
16	0.03	PO	PO	PO	0.02	0.02	0.05
17	0.03	0.02	0.02	0.02	0.02	PO	0.06
18	PO	PO	PO	0.02	0.02	0.02	0.03
19	0.02	0.02	0.02	0.02	PO	PO	0.03
20	PO	PO	0.03	0.02	0.02	0.03	0.18
21	0.02	0.02	0.02	PO	0.03	0.03	0.10
22	PO	PO	PO	PO	0.03	0.03	0.03
23	PO	PO	PO	PO	0.03	0.03	0.03
24	PO	PO	PO	0.03	0.03	PO	0.05
25	PO	PO	PO	0.03	0.03	PO	0.20
26	PO	PO	PO	PO	0.03	0.03	0.04
27	0.03	0.03	0.03	0.03	PO	PO	0.03
28	PO	PO	PO	0.04	0.03	0.03	0.05
29	PO	PO	PO	PO	0.03	0.03	0.14
30	0.03	PO	PO	PO	PO	PO	0.03
31	PO	PO	PO	0.02	0.03	0.03	0.29

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	<input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Notes:		PRINTED NAME: Phil Chick	
		SIGNATURE: Phil Chick	DATE: 11-6-22
		PHONE #: (503) 436-2790	CERT #: T: 08177

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.

D:08178

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County: Clatsop

WTP-: A

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Oct-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	0.66	246	162.6	14.9	7.35	15.0	YES 	88
2	0.65	270	175.8	15.0	7.32	14.7		84
3	0.91	230	209.5	15.2	7.26	14.6		96
4	0.82	253	207.6	15.1	7.34	15.0		87
5	0.78	245	191.4	14.9	7.45	15.8		92
6	0.74	256	189.8	14.8	7.44	15.8		84
7	0.75	219	164.5	14.8	7.40	15.6		102
8	0.74	242	178.8	14.6	7.42	15.9		92
9	0.75	295	221.0	14.5	7.40	15.9		75
10	0.8	227	181.9	14.2	7.48	16.8		99
11	0.78	254	198.3	14.2	7.40	16.3		85
12	0.84	214	180.0	14.0	7.46	17.0		106
13	0.8	251	201.1	13.9	7.42	16.7		86
14	0.87	212	184.2	14.1	7.45	16.9		107
15	0.87	245	212.9	14.0	7.44	16.9		90
16	0.88	316	278.1	14.1	7.40	16.5		71
17	0.9	243	218.9	14.2	7.45	16.8		92
18	0.86	254	218.7	14.2	7.35	16.1		85
19	0.89	284	252.7	14.1	7.46	16.9		80
20	0.86	239	205.2	14.0	7.45	16.9		90
21	0.89	304	270.4	13.8	7.35	16.6		75
22	0.85	354	301.1	13.6	7.30	16.4		62
23	0.8	244	195.0	13.4	7.31	16.6		87
24	0.83	276	229.3	12.9	7.45	18.2		80
25	0.78	267	208.1	12.9	7.41	17.8		81
26	0.73	310	226.5	12.5	7.38	18.0		69
27	0.78	299	233.4	12.2	7.40	18.7		75
28	0.76	278	211.3	12.3	7.42	18.7		77
29	0.77	276	212.7	12.3	7.45	18.9		80
30	0.84	291	244.8	12.1	7.40	19.0		77
31	0.82	267	218.7	12.1	7.33	18.5		80

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	246	25.4	18,381	0.0375	17,508	88	199	8	1,600	4,176	47
2	270	26.9	18,381	0.0375	18,542	84	221	8	1,600	4,176	50
3	230	26	18,381	0.0375	17,921	96	187	8	1,600	4,176	43
4	253	25.9	18,381	0.0375	17,853	87	205	8	1,600	4,176	48
5	245	26.7	18,381	0.0375	18,404	92	200	8	1,600	4,176	45
6	256	25.2	18,381	0.0375	17,370	84	207	8	1,600	4,176	50
7	219	26.4	18,381	0.0375	18,197	102	178	8	1,600	4,176	41
8	242	26.2	18,381	0.0375	18,059	92	196	8	1,600	4,176	45
9	295	26	18,381	0.0375	17,921	75	239	8	1,600	4,176	56
10	227	26.6	18,381	0.0375	18,335	99	185	8	1,600	4,176	42
11	254	25.3	18,381	0.0375	17,439	85	205	8	1,600	4,176	49
12	214	26.9	18,381	0.0375	18,542	106	175	8	1,600	4,176	39
13	251	25.3	18,381	0.0375	17,439	86	203	8	1,600	4,176	49
14	212	26.8	18,381	0.0375	18,473	107	173	8	1,600	4,176	39
15	245	25.9	18,381	0.0375	17,853	90	198	8	1,600	4,176	46
16	316	26.5	18,381	0.0375	18,266	71	257	8	1,600	4,176	59
17	243	26.4	18,381	0.0375	18,197	92	198	8	1,600	4,176	45
18	254	25.3	18,381	0.0375	17,439	85	205	8	1,600	4,176	49
19	284	26.9	18,381	0.0375	18,542	80	232	8	1,600	4,176	52
20	239	25.1	18,381	0.0375	17,301	90	192	8	1,600	4,176	46
21	304	27	18,381	0.0375	18,611	75	248	8	1,600	4,176	56
22	354	25.8	18,381	0.0375	17,784	62	287	8	1,600	4,176	67
23	244	24.7	18,381	0.0375	17,025	87	196	8	1,600	4,176	48
24	276	26	18,381	0.0375	17,921	80	224	8	1,600	4,176	52
25	267	25.3	18,381	0.0375	17,439	81	215	8	1,600	4,176	52
26	310	25	18,381	0.0375	17,232	69	250	8	1,600	4,176	61
27	299	26.5	18,381	0.0375	18,266	75	244	8	1,600	4,176	56
28	278	25	18,381	0.0375	17,232	77	224	8	1,600	4,176	54
29	276	26	18,381	0.0375	17,921	80	224	8	1,600	4,176	52
30	291	26.5	18,381	0.0375	18,266	77	237	8	1,600	4,176	54
31	267	24.9	18,381	0.0375	17,163	80	215	8	1,600	4,176	52