

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

County: Clatsop  
 Month/Year: Feb-23  
 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 <sup>1</sup> [NTU]
1	PO	PO	0.02	0.02	0.02	0.02	0.39
2	PO	PO	PO	PO	PO	0.02	0.15
3	0.02	0.03	0.02	PO	PO	PO	0.48
4	PO	PO	PO	0.02	0.02	0.02	0.06
5	0.02	0.03	PO	PO	PO	PO	0.03
6	PO	0.02	0.02	0.02	0.02	0.02	0.15
7	PO	PO	PO	PO	PO	0.02	0.07
8	0.02	0.02	PO	PO	PO	PO	0.23
9	0.02	0.02	0.02	0.02	PO	PO	0.17
10	PO	PO	PO	0.02	0.03	0.03	0.09
11	0.02	PO	PO	PO	PO	0.02	0.08
12	0.02	0.06	0.03	PO	PO	PO	0.13
13	PO	0.03	0.02	0.02	PO	PO	0.59
14	PO	PO	0.04	0.03	0.03	0.03	0.04
15	0.03	PO	PO	PO	PO	0.02	0.10
16	0.03	0.03	0.02	PO	PO	PO	0.14
17	PO	0.04	0.03	0.03	0.03	0.03	0.19
18	PO	PO	PO	PO	0.02	0.02	0.37
19	0.02	0.03	PO	PO	PO	0.02	0.05
20	0.02	0.03	PO	PO	PO	0.03	0.40
21	PO	PO	PO	0.03	0.03	0.02	0.04
22	0.02	0.03	PO	PO	PO	PO	0.04
23	PO	0.03	0.03	0.03	0.03	PO	0.19
24	PO	PO	PO	0.03	0.03	0.03	0.15
25	0.03	0.03	0.03	0.03	0.05	0.03	0.09
26	0.03	PO	PO	0.03	0.03	0.03	0.05
27	0.03	PO	PO	PO	PO	0.03	0.08
28	0.03	0.03	PO	PO	PO	PO	0.04
29							
30							
31							

<b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup>	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point $\geq$ 0.2 mg/l?
All daily turbidity readings $\leq$ 5 NTU?	Yes / No	Yes / No	Yes / No
<b>Notes:</b>		<b>PRINTED NAME:</b> Matthew R Gardner	
		<b>SIGNATURE:</b> <i>M Gardner</i>	<b>DATE:</b> 3/5/23
		<b>PHONE #:</b> (503) 436 2790	<b>CERT #:</b> T-09382

<sup>1</sup> 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. <sup>2</sup> Filtered systems only. 0: 09383

OHA - Drinking Water Program - Surface Water Quality Data Form

County: Clatsop

WTP-: A

Disinfection *Giardia*  
Log Inactiv: 0.50

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Feb-23

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.85	304	258.8	7.1	7.22	24.8		71
2	0.85	269	229.1	7.4	7.27	24.8		82
3	0.84	291	244.6	7.2	7.25	24.9		78
4	0.84	321	269.8	7.7	7.23	23.9		66
5	0.83	273	226.5	7.8	7.24	23.8		83
6	0.82	321	263.1	7.8	7.21	23.5		68
7	0.81	292	236.6	8.2	7.25	23.2		74
8	0.81	176	142.5	8.3	7.30	23.5		126
9	0.81	243	197.0	8.2	7.25	23.2		92
10	0.83	247	204.9	0.8	7.27	38.6		87
11	0.88	258	226.8	0.9	7.25	38.4		86
12	0.88	248	218.0	8.4	7.14	22.2		92
13	0.86	292	251.0	8.3	7.23	23.0		75
14	0.83	283	235.3	8.1	7.18	22.8		76
15	0.81	263	213.1	7.9	7.27	23.8		84
16	0.81	288	232.9	7.7	7.20	23.6		79
17	0.8	271	216.9	7.0	7.24	25.0		81
18	0.81	355	287.8	7.8	7.21	23.5		62
19	0.83	244	202.5	7.8	7.18	23.3		92
20	0.82	247	202.5	7.9	7.18	23.1		92
21	0.82	295	241.7	7.9	7.23	23.5		71
22	0.83	324	268.5	7.6	7.17	23.5		70
23	0.83	285	236.6	7.1	7.20	24.6		78
24	0.81	264	213.5	6.7	7.13	24.6		82
25	0.82	297	243.3	6.3	7.15	25.4		74
26	0.93	283	263.6	6.4	7.20	26.1		77
27	0.89	331	294.4	6.3	7.20	26.1		67
28	0.87	291	253.4	6.2	7.21	26.3		78
29		#DIV/0!	#DIV/0!			4.2		
30		#DIV/0!	#DIV/0!			4.2		
31		#DIV/0!	#DIV/0!			4.2		

<sup>3</sup> If Cl<sub>2</sub> 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	304	25.3	18,381	0.0375	17,439	71	246	8	1,600	4,176	59
2	269	26	18,381	0.0375	17,921	82	219	8	1,600	4,176	51
3	291	26.9	18,381	0.0375	18,542	78	238	8	1,600	4,176	54
4	321	24.7	18,381	0.0375	17,025	66	258	8	1,600	4,176	63
5	273	26.8	18,381	0.0375	18,473	83	223	8	1,600	4,176	50
6	321	25.6	18,381	0.0375	17,646	68	259	8	1,600	4,176	61
7	292	25.3	18,381	0.0375	17,439	74	236	8	1,600	4,176	56
8	176	26.1	18,381	0.0375	17,990	126	143	8	1,600	4,176	33
9	243	26.4	18,381	0.0375	18,197	92	198	8	1,600	4,176	45
10	247	25.1	18,381	0.0375	17,301	87	199	8	1,600	4,176	48
11	258	26.1	18,381	0.0375	17,990	86	209	8	1,600	4,176	49
12	248	27	18,381	0.0375	18,611	92	202	8	1,600	4,176	45
13	292	25.7	18,381	0.0375	17,715	75	236	8	1,600	4,176	56
14	283	25.2	18,381	0.0375	17,370	76	229	8	1,600	4,176	55
15	263	26	18,381	0.0375	17,921	84	213	8	1,600	4,176	50
16	288	26.9	18,381	0.0375	18,542	79	235	8	1,600	4,176	53
17	271	25.8	18,381	0.0375	17,784	81	220	8	1,600	4,176	52
18	355	25.9	18,381	0.0375	17,853	62	288	8	1,600	4,176	67
19	244	26.5	18,381	0.0375	18,266	92	199	8	1,600	4,176	45
20	247	26.9	18,381	0.0375	18,542	92	202	8	1,600	4,176	45
21	295	24.3	18,381	0.0375	16,750	71	236	8	1,600	4,176	59
22	324	26.8	18,381	0.0375	18,473	70	264	8	1,600	4,176	60
23	285	26.2	18,381	0.0375	18,059	78	232	8	1,600	4,176	54
24	264	25.3	18,381	0.0375	17,439	82	213	8	1,600	4,176	51
25	297	25.8	18,381	0.0375	17,784	74	240	8	1,600	4,176	56
26	283	25.6	18,381	0.0375	17,646	77	229	8	1,600	4,176	54
27	331	26.1	18,381	0.0375	17,990	67	269	8	1,600	4,176	62
28	291	26.9	18,381	0.0375	18,542	78	238	8	1,600	4,176	54
29	#DIV/0!			0	0		#DIV/0!	8	1,600	4,176	#DIV/0!
30	#DIV/0!			0	0		#DIV/0!	8	1,600	4,176	#DIV/0!
31	#DIV/0!			0	0		#DIV/0!	8	1,600	4,176	#DIV/0!