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

County: Clatsop
Month/Year: Feb-24

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	PO	0.03	0.03	0.05
2	0.03	PO	PO	PO	PO	PO	0.03
3	PO	PO	0.02	0.02	PO	PO	0.62
4	PO	PO	PO	0.02	0.02	0.02	0.41
5	PO	PO	PO	PO	PO	PO	PO
6	PO	PO	PO	0.03	0.03	0.03	0.12
7	PO	PO	PO	PO	PO	PO	PO
8	PO	PO	PO	0.02	0.03	PO	0.16
9	PO	PO	PO	PO	PO	PO	PO
10	PO	PO	PO	PO	PO	PO	PO
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	PO	0.03	0.02	0.03	0.15
13	0.02	0.02	0.02	0.03	0.02	PO	0.93
14	PO	PO	PO	0.02	PO	PO	0.05
15	PO	PO	PO	PO	PO	PO	PO
16	PO	PO	PO	PO	PO	PO	PO
17	PO	PO	PO	0.02	0.02	0.02	0.15
18	PO	PO	PO	PO	0.02	0.02	0.58
19	0.03	PO	PO	PO	PO	PO	0.11
20	PO	PO	PO	PO	PO	PO	PO
21	PO	PO	PO	PO	PO	PO	PO
22	PO	PO	PO	PO	0.07	0.03	0.11
23	0.03	0.03	0.02	0.02	0.02	0.03	0.24
24	PO	PO	PO	PO	PO	PO	PO
25	PO	PO	PO	0.03	0.02	PO	0.17
26	PO	PO	PO	PO	0.02	0.02	0.06
27	0.03	PO	PO	PO	PO	PO	0.03
28	PO	PO	PO	PO	PO	PO	PO
29	PO	PO	PO	PO	PO	PO	PO
30							
31							

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: Matthew B. Crowther

SIGNATURE: Matthew **DATE:** 3.1.24

PHONE #: 503 436-2790 **CERT #:** D-09383

T-09382

[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:	Feb-24	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	0.87	502	436.5	10.2	7.34	21.1		45
2	0.85	524	445.5	10.1	7.23	20.4		44
3	0.87	437	380.1	10.0	7.20	20.4		52
4	0.86	268	230.5	10.1	7.21	20.3		84
5	0.85	366	311.2	10.2	7.24	20.4		63
6	0.85	449	381.5	10.2	7.20	20.1		50
7	0.87	488	424.3	10.1	7.57	23.1		47
8	0.86	477	410.6	9.9	7.11	19.9		47
9	0.87	495	431.0	9.9	7.16	20.2		46
10	0.85	328	278.6	9.8	7.15	20.3		67
11	0.85	306	260.3	9.8	7.17	20.4		69
12	0.83	366	304.0	9.7	7.17	20.5		56
13	0.85	469	398.6	9.6	7.15	20.5		48
14	0.85	541	459.8	9.3	7.19	21.2		42
15	0.83	409	339.8	9.1	7.20	21.5		56
16	0.82	362	297.0	9.1	7.16	21.2		61
17	0.81	368	298.0	9.2	7.18	21.2		58
18	0.81	281	227.3	9.2	7.16	21.0		79
19	0.8	42	33.6	9.4	7.21	21.1		538
20	0.8	436	348.8	9.5	7.18	20.8		51
21	0.8	468	374.7	9.6	7.19	20.7		46
22	0.8	488	390.6	9.5	7.30	21.6		43
23	0.82	335	274.5	9.3	7.22	21.4		66
24	0.81	327	265.1	9.5	7.19	20.9		69
25	0.82	325	266.5	9.5	7.21	21.0		68
26	0.84	440	369.6	9.4	7.34	22.2		51
27	0.91	512	466.4	9.1	7.27	22.3		45
28	0.89	529	471.2	9.2	7.20	21.5		42
29	0.88	368	323.4	9.1	7.21	21.7		59
30		#DIV/0!	#DIV/0!			4.2		
31		#DIV/0!	#DIV/0!			4.2		

[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	**502**	26.7	18,381	0.0375	18,404	45	409	8	1,600	4,176	93
2	**524**	27.4	18,381	0.0375	18,886	44	429	8	1,600	4,176	95
3	**437**	26.9	18,381	0.0375	18,542	52	357	8	1,600	4,176	80
4	**268**	26.6	18,381	0.0375	18,335	84	218	8	1,600	4,176	50
5	**366**	27.4	18,381	0.0375	18,886	63	300	8	1,600	4,176	66
6	**449**	26.5	18,381	0.0375	18,266	50	365	8	1,600	4,176	84
7	**488**	27.2	18,381	0.0375	18,749	47	399	8	1,600	4,176	89
8	**477**	26.5	18,381	0.0375	18,266	47	389	8	1,600	4,176	89
9	**495**	27	18,381	0.0375	18,611	46	405	8	1,600	4,176	91
10	**328**	25.8	18,381	0.0375	17,784	67	265	8	1,600	4,176	62
11	**306**	24.6	18,381	0.0375	16,956	69	246	8	1,600	4,176	61
12	**366**	23.7	18,381	0.0375	16,336	56	292	8	1,600	4,176	75
13	**469**	26.6	18,381	0.0375	18,335	48	382	8	1,600	4,176	87
14	**541**	26.9	18,381	0.0375	18,542	42	441	8	1,600	4,176	99
15	**409**	27.2	18,381	0.0375	18,749	56	335	8	1,600	4,176	75
16	**362**	26	18,381	0.0375	17,921	61	294	8	1,600	4,176	68
17	**368**	24.9	18,381	0.0375	17,163	58	296	8	1,600	4,176	72
18	**281**	26.1	18,381	0.0375	17,990	79	228	8	1,600	4,176	53
19	**42**	26.7	18,381	0.0375	18,404	538	34	8	1,600	4,176	8
20	**436**	26.2	18,381	0.0375	18,059	51	354	8	1,600	4,176	82
21	**468**	25.2	18,381	0.0375	17,370	46	378	8	1,600	4,176	91
22	**488**	24.4	18,381	0.0375	16,819	43	391	8	1,600	4,176	97
23	**335**	26	18,381	0.0375	17,921	66	272	8	1,600	4,176	63
24	**327**	26.7	18,381	0.0375	18,404	69	267	8	1,600	4,176	61
25	**325**	26	18,381	0.0375	17,921	68	264	8	1,600	4,176	61
26	**440**	26.5	18,381	0.0375	18,266	51	358	8	1,600	4,176	82
27	**512**	27.4	18,381	0.0375	18,886	45	420	8	1,600	4,176	93
28	**529**	26.2	18,381	0.0375	18,059	42	430	8	1,600	4,176	99
29	**368**	25.4	18,381	0.0375	17,508	59	297	8	1,600	4,176	71
30	**#DIV/0!**		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!
31	**#DIV/0!**		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!