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

County: Clatsop
Month/Year: Jan-24
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 [1] [NTU]
1	0.02	0.02	0.02	0.02	0.02	PO	0.53
2	PO	PO	PO	PO	PO	PO	PO
3	PO	PO	PO	0.04	0.02	0.02	0.22
4	0.04	PO	PO	PO	PO	PO	0.04
5	PO	PO	PO	PO	0.02	0.02	0.19
6	0.02	PO	PO	PO	PO	PO	0.06
7	PO	PO	PO	PO	0.02	0.02	0.21
8	PO	PO	PO	0.02	PO	PO	0.06
9	PO	PO	PO	PO	PO	PO	PO
10	PO	PO	PO	PO	0.02	0.02	0.39
11	0.02	0.03	PO	PO	PO	PO	0.19
12	PO	PO	PO	PO	PO	PO	PO
13	PO	PO	0.02	PO	PO	PO	1.11
14	PO	PO	PO	0.03	0.03	PO	0.98
15	0.03	0.03	0.03	0.03	PO	PO	0.08
16	PO	PO	PO	PO	PO	PO	PO
17	PO	PO	PO	PO	PO	PO	PO
18	PO	PO	PO	PO	PO	PO	PO
19	PO	PO	PO	0.02	0.02	0.03	0.16
20	0.02	0.02	0.03	PO	PO	PO	0.63
21	PO	PO	PO	PO	PO	PO	PO
22	PO	PO	PO	PO	PO	PO	PO
23	PO	PO	PO	PO	PO	0.02	0.12
24	0.02	0.02	0.02	0.03	0.03	PO	0.06
25	PO	PO	PO	PO	PO	PO	PO
26	PO	PO	PO	0.02	0.02	0.02	0.19
27	PO	PO	PO	PO	PO	PO	PO
28	PO	PO	PO	PO	PO	PO	PO
29	PO	PO	PO	PO	PO	PO	PO
30	PO	PO	PO	0.02	0.02	0.02	0.23
31	0.05	0.02	0.02	PO	PO	PO	0.24

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 R. Gardner

SIGNATURE: [signature] DATE: 2.2.24

PHONE #: (503) 436 2790 CERT #: T-09382 D-09383

[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
Disinfection *Giardia* Log Inactiv:	0.50

System Name: Arch Cape Water District **ID#:** 41 00802 **Month/Year:** Jan-24

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	0.8	253	202.5	10.0	7.25	20.6		90
2	0.78	429	334.3	10.1	7.23	20.3		53
3	0.78	491	383.0	10.1	7.21	20.1		45
4	0.78	523	407.6	10.0	7.26	20.6		44
5	0.78	466	363.6	10.0	7.17	20.0		48
6	0.79	384	303.6	9.8	7.19	20.4		60
7	0.78	324	252.9	9.6	7.22	20.9		69
8	0.8	439	350.9	9.3	7.23	21.4		51
9	0.78	395	307.8	9.4	7.21	21.1		56
10	0.78	479	373.5	9.0	7.27	22.1		45
11	0.8	623	498.6	8.9	7.20	21.7		37
12	0.8	524	418.8	8.8	7.21	22.0		43
13	0.8	395	315.7	8.3	7.23	22.9		56
14	0.78	336	261.7	7.9	7.19	23.1		64
15	0.8	379	302.9	7.8	7.22	23.5		60
16	0.8	603	482.6	7.6	7.23	23.9		38
17	0.8	454	363.0	7.7	7.20	23.5		49
18	0.79	485	383.1	7.9	7.26	23.7		45
19	0.76	505	383.6	8.0	7.49	25.5		42
20	0.8	403	322.7	8.0	7.41	24.9		57
21	0.8	95	76.3	8.3	7.44	24.6		234
22	0.79	524	414.3	8.5	7.24	22.6		42
23	0.78	431	336.1	8.6	7.25	22.5		50
24	0.77	457	351.6	8.3	7.17	22.3		49
25	0.77	519	400.0	8.8	7.19	21.7		44
26	0.76	515	391.8	8.9	7.33	22.7		43
27	0.78	370	288.4	9.3	7.28	21.7		62
28	0.83	327	271.2	9.6	7.22	21.0		67
29	0.81	485	392.8	9.8	7.48	22.6		44
30	0.85	442	375.9	10.0	7.18	20.2		47
31	0.9	447	402.1	9.8	7.19	20.7		51

[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	**253**	27	18,381	0.0375	18,611	90	207	8	1,600	4,176	46
2	**429**	26.9	18,381	0.0375	18,542	53	350	8	1,600	4,176	79
3	**491**	26	18,381	0.0375	17,921	45	398	8	1,600	4,176	93
4	**523**	27.3	18,381	0.0375	18,818	44	428	8	1,600	4,176	95
5	**466**	26.4	18,381	0.0375	18,197	48	379	8	1,600	4,176	87
6	**384**	27.4	18,381	0.0375	18,886	60	315	8	1,600	4,176	70
7	**324**	26.4	18,381	0.0375	18,197	69	264	8	1,600	4,176	61
8	**439**	26.4	18,381	0.0375	18,197	51	357	8	1,600	4,176	82
9	**395**	26	18,381	0.0375	17,921	56	320	8	1,600	4,176	75
10	**479**	25.2	18,381	0.0375	17,370	45	386	8	1,600	4,176	93
11	**623**	27.4	18,381	0.0375	18,886	37	510	8	1,600	4,176	113
12	**524**	26.6	18,381	0.0375	18,335	43	426	8	1,600	4,176	97
13	**395**	26	18,381	0.0375	17,921	56	320	8	1,600	4,176	75
14	**336**	25.1	18,381	0.0375	17,301	64	270	8	1,600	4,176	65
15	**379**	26.9	18,381	0.0375	18,542	60	309	8	1,600	4,176	70
16	**603**	27.2	18,381	0.0375	18,749	38	493	8	1,600	4,176	110
17	**454**	26.2	18,381	0.0375	18,059	49	369	8	1,600	4,176	85
18	**485**	25.6	18,381	0.0375	17,646	45	392	8	1,600	4,176	93
19	**505**	24.7	18,381	0.0375	17,025	42	405	8	1,600	4,176	99
20	**403**	27.3	18,381	0.0375	18,818	57	330	8	1,600	4,176	73
21	**95**	26.3	18,381	0.0375	18,128	234	77	8	1,600	4,176	18
22	**524**	25.9	18,381	0.0375	17,853	42	425	8	1,600	4,176	99
23	**431**	25.2	18,381	0.0375	17,370	50	347	8	1,600	4,176	84
24	**457**	26.4	18,381	0.0375	18,197	49	371	8	1,600	4,176	85
25	**519**	27.1	18,381	0.0375	18,680	44	425	8	1,600	4,176	95
26	**515**	26.1	18,381	0.0375	17,990	43	418	8	1,600	4,176	97
27	**370**	27.2	18,381	0.0375	18,749	62	302	8	1,600	4,176	67
28	**327**	25.7	18,381	0.0375	17,715	67	264	8	1,600	4,176	62
29	**485**	24.9	18,381	0.0375	17,163	44	390	8	1,600	4,176	95
30	**442**	24.1	18,381	0.0375	16,612	47	353	8	1,600	4,176	89
31	**447**	27	18,381	0.0375	18,611	51	365	8	1,600	4,176	82