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

County: Clatsop
Month/Year: Aug-23

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	0.03	0.03	0.03	0.02	0.02	0.02	0.12
2	0.02	PO	PO	PO	PO	PO	0.04
3	PO	PO	PO	PO	0.02	0.02	0.19
4	0.02	0.03	0.02	0.03	0.02	0.03	0.27
5	0.03	0.03	PO	PO	PO	PO	0.03
6	PO	PO	PO	PO	PO	0.02	0.13
7	0.03	0.03	0.03	0.03	0.03	0.03	0.19
8	0.03	0.03	0.03	0.03	0.03	0.03	0.14
9	0.03	0.03	PO	PO	PO	PO	0.19
10	PO	PO	PO	0.03	0.03	0.03	0.14
11	0.03	0.03	0.02	0.03	0.03	0.03	0.10
12	0.03	PO	PO	PO	PO	PO	0.03
13	PO	PO	PO	0.02	0.03	0.03	0.16
14	0.03	0.03	0.03	0.03	0.03	0.03	0.75
15	0.03	0.04	PO	PO	PO	PO	0.16
16	PO	PO	PO	0.03	0.03	0.03	0.17
17	0.03	0.02	0.03	0.03	0.03	0.03	0.26
18	0.04	0.02	0.02	0.03	PO	PO	1.22
19	PO	PO	PO	PO	0.04	0.03	0.08
20	0.03	0.03	0.03	0.03	0.03	0.03	0.68
21	0.03	0.03	PO	PO	PO	PO	0.05
22	PO	PO	PO	PO	0.03	0.03	0.20
23	0.03	0.02	0.03	0.02	0.03	0.02	0.21
24	0.02	0.02	PO	PO	PO	PO	0.54
25	PO	PO	PO	PO	0.03	0.03	0.06
26	0.03	0.03	0.03	0.02	0.02	0.02	0.17
27	0.03	0.03	PO	PO	PO	PO	0.45
28	PO	PO	PO	0.02	0.04	0.03	0.15
29	0.03	0.03	0.03	0.03	0.03	0.03	1.26
30	PO	PO	PO	PO	PO	PO	PO
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: Matthew R Gardner

SIGNATURE: [signature] DATE: 9.1.23

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
System Name:	Arch Cape Water District	ID#: 41	00802	Month/Year:	Aug-23	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	0.82	243	199.4	17.7	7.52	13.5	Yes	92
2	0.76	212	161.4	17.7	7.54	13.5		105
3	0.74	264	195.6	17.7	7.43	12.9		81
4	0.71	205	145.3	18.2	7.51	12.9		108
5	0.71	242	171.9	18.2	7.41	12.4		93
6	0.69	450	310.7	18.1	7.42	12.5		48
7	0.69	277	191.2	18.4	7.43	12.3		77
8	0.72	244	175.9	18.5	7.44	12.3		91
9	0.71	317	225.4	18.4	7.40	12.2		72
10	0.69	262	180.7	18.4	7.43	12.3		82
11	0.71	232	164.4	18.4	7.40	12.2		96
12	0.71	246	174.5	18.4	7.40	12.2		93
13	0.68	209	141.8	18.4	7.39	12.1		101
14	0.72	252	181.7	18.9	7.37	11.7		87
15	0.71	268	190.3	18.8	7.45	12.1		85
16	0.7	248	173.7	18.9	7.41	11.8		86
17	0.75	235	176.0	19.3	7.38	11.4		93
18	0.74	271	200.8	19.0	7.33	11.4		85
19	0.7	226	158.0	18.6	7.35	11.8		97
20	0.7	225	157.8	18.6	7.32	11.6		98
21	0.69	294	202.8	18.2	7.39	12.3		78
22	0.65	287	186.7	18.1	7.45	12.6		75
23	0.66	227	149.7	18.2	7.33	12.0		98
24	0.66	302	199.1	17.8	7.29	12.1		76
25	0.63	326	205.7	17.9	7.32	12.1		66
26	0.65	231	150.1	18.3	7.35	11.9		96
27	0.71	230	163.4	18.0	7.30	12.0		99
28	0.65	222	144.6	18.0	7.37	12.3		95
29	0.7	343	240.2	17.9	7.34	12.3		65
30	0.69	316	218.4	17.7	7.31	12.3		72
31	0.67	288	193.1	17.7	7.32	12.3		75

[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	**243**	26.4	18,381	0.0375	18,197	92	198	8	1,600	4,176	45
2	**212**	26.3	18,381	0.0375	18,128	105	173	8	1,600	4,176	40
3	**264**	25	18,381	0.0375	17,232	81	213	8	1,600	4,176	52
4	**205**	26	18,381	0.0375	17,921	108	166	8	1,600	4,176	39
5	**242**	26.6	18,381	0.0375	18,335	93	197	8	1,600	4,176	45
6	**450**	25.3	18,381	0.0375	17,439	48	363	8	1,600	4,176	87
7	**277**	24.9	18,381	0.0375	17,163	77	223	8	1,600	4,176	54
8	**244**	26.2	18,381	0.0375	18,059	91	198	8	1,600	4,176	46
9	**317**	27.1	18,381	0.0375	18,680	72	259	8	1,600	4,176	58
10	**262**	25.1	18,381	0.0375	17,301	82	211	8	1,600	4,176	51
11	**232**	26.2	18,381	0.0375	18,059	96	188	8	1,600	4,176	43
12	**246**	27.1	18,381	0.0375	18,680	93	201	8	1,600	4,176	45
13	**209**	24.5	18,381	0.0375	16,888	101	167	8	1,600	4,176	41
14	**252**	25.8	18,381	0.0375	17,784	87	204	8	1,600	4,176	48
15	**268**	27	18,381	0.0375	18,611	85	219	8	1,600	4,176	49
16	**248**	24.9	18,381	0.0375	17,163	86	200	8	1,600	4,176	49
17	**235**	25.6	18,381	0.0375	17,646	93	190	8	1,600	4,176	45
18	**271**	27.4	18,381	0.0375	18,886	85	222	8	1,600	4,176	49
19	**226**	25.7	18,381	0.0375	17,715	97	183	8	1,600	4,176	43
20	**225**	26	18,381	0.0375	17,921	98	183	8	1,600	4,176	43
21	**294**	27.2	18,381	0.0375	18,749	78	240	8	1,600	4,176	54
22	**287**	25.2	18,381	0.0375	17,370	75	232	8	1,600	4,176	56
23	**227**	26.2	18,381	0.0375	18,059	98	184	8	1,600	4,176	43
24	**302**	27.2	18,381	0.0375	18,749	76	247	8	1,600	4,176	55
25	**326**	25.2	18,381	0.0375	17,370	66	263	8	1,600	4,176	63
26	**231**	26.1	18,381	0.0375	17,990	96	187	8	1,600	4,176	43
27	**230**	27	18,381	0.0375	18,611	99	188	8	1,600	4,176	42
28	**222**	24.6	18,381	0.0375	16,956	95	178	8	1,600	4,176	44
29	**343**	26.3	18,381	0.0375	18,128	65	279	8	1,600	4,176	64
30	**316**	27	18,381	0.0375	18,611	72	258	8	1,600	4,176	58
31	**288**	25.3	18,381	0.0375	17,439	75	233	8	1,600	4,176	56