

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

County: **Clatsop**
 Month/Year: **Mar-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	PO	0.03	0.03	0.02	0.02	PO	0.24
2	PO	PO	PO	PO	PO	0.03	0.06
3	0.03	0.03	0.03	0.03	0.03	PO	0.05
4	PO	PO	PO	PO	PO	0.03	0.14
5	0.03	0.03	0.03	0.03	PO	PO	0.31
6	PO	PO	PO	0.03	0.03	0.03	0.12
7	0.03	PO	PO	PO	PO	0.02	0.28
8	0.03	0.03	0.03	PO	0.03	0.03	0.17
9	PO	PO	0.03	0.03	0.03	PO	0.17
10	PO	PO	PO	PO	0.02	0.03	0.07
11	0.03	0.03	PO	PO	PO	0.02	0.11
12	0.03	0.03	0.03	0.03	PO	PO	0.38
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	PO	PO	0.03	0.03	0.14
15	0.03	0.03	0.03	0.03	0.03	0.03	0.54
16	0.03	0.02	0.02	PO	PO	PO	0.07
17	PO	0.03	0.03	0.03	0.03	PO	0.12
18	PO	PO	PO	0.03	0.03	0.03	0.10
19	0.03	PO	PO	PO	PO	0.02	0.15
20	PO	PO	PO	PO	PO	PO	PO
21	PO	PO	PO	0.03	0.03	0.03	0.08
22	0.02	0.03	0.02	0.03	0.03	0.03	0.20
23	0.03	PO	PO	PO	PO	PO	0.03
24	PO	PO	PO	0.03	0.03	0.03	0.07
25	0.03	0.03	0.02	0.03	0.03	PO	0.19
26	PO	PO	PO	0.03	0.03	0.03	0.09
27	0.03	0.03	PO	PO	PO	0.03	0.14
28	0.03	0.03	0.03	0.03	0.03	PO	0.31
29	PO	PO	PO	0.02	0.03	0.03	0.14
30	0.03	0.03	PO	PO	PO	0.03	0.15
31	0.03	0.03	0.03	PO	0.02	PO	0.11

Slow Sand/Membrane/DE Filtration/Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes / <input type="radio"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No	
Notes:		PRINTED NAME: <i>Matthew K. Lewone</i> SIGNATURE: <i>[Signature]</i> PHONE #: <i>(503) 436-2790</i>	
		DATE: <i>4/5/23</i> CERT #: <i>T-09382</i>	

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-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: Mar-23

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	0.85	261	221.7	5.9	7.21	26.8		83
2	0.83	263	218.1	6.3	7.20	25.9		82
3	0.83	303	251.2	6.2	7.11	25.3		73
4	0.81	281	227.3	6.1	7.15	25.8		78
5	0.81	291	235.3	6.1	7.11	25.4		77
6	0.8	274	219.6	6.5	7.23	25.8		78
7	0.79	302	238.8	6.5	7.21	25.6		74
8	0.78	319	248.8	6.2	7.17	25.7		71
9	0.78	298	232.4	6.3	7.15	25.3		73
10	0.81	282	228.2	6.6	7.21	25.4		76
11	0.79	325	256.4	6.7	7.18	25.0		70
12	0.79	291	229.5	6.6	7.20	25.3		77
13	0.79	281	221.8	7.2	7.13	23.7		77
14	0.81	246	199.3	7.3	7.11	23.4		80
15	0.81	287	232.2	7.2	7.12	23.7		73
16	0.83	285	236.4	7.7	7.15	23.2		80
17	0.82	267	219.0	7.7	7.14	23.1		83
18	0.81	344	278.8	8.0	7.12	22.5		63
19	0.8	390	312.4	8.2	7.15	22.4		58
20	0.8	324	259.2	8.6	7.21	22.3		65
21	0.79	243	192.0	8.7	7.21	22.1		79
22	0.81	291	236.0	8.8	7.17	21.7		73
23	0.79	301	238.1	8.9	7.15	21.3		74
24	0.78	245	191.4	8.6	7.19	22.0		85
25	0.79	306	241.4	8.2	7.18	22.6		73
26	0.78	302	235.9	8.0	7.15	22.6		71
27	0.78	208	162.1	7.9	7.23	23.4		104
28	0.79	269	212.3	7.8	7.17	23.1		83
29	0.8	244	195.2	7.9	7.18	23.1		88
30	0.82	285	233.7	7.9	7.15	22.9		79
31	0.81	191	155.1	7.8	7.22	23.6		119

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	261	26.1	18,381	0.0375	17,990	85	212	8	1,600	4,176	49
2	263	25.2	18,381	0.0375	17,370	82	212	8	1,600	4,176	51
3	303	26	18,381	0.0375	17,921	73	245	8	1,600	4,176	57
4	281	25.7	18,381	0.0375	17,715	78	227	8	1,600	4,176	54
5	291	26.4	18,381	0.0375	18,197	77	236	8	1,600	4,176	54
6	274	25	18,381	0.0375	17,232	78	221	8	1,600	4,176	54
7	302	26.4	18,381	0.0375	18,197	74	246	8	1,600	4,176	56
8	319	26.8	18,381	0.0375	18,473	71	260	8	1,600	4,176	59
9	298	25.5	18,381	0.0375	17,577	73	241	8	1,600	4,176	57
10	282	25	18,381	0.0375	17,232	76	227	8	1,600	4,176	55
11	325	26.9	18,381	0.0375	18,542	70	265	8	1,600	4,176	60
12	291	26.4	18,381	0.0375	18,197	77	236	8	1,600	4,176	54
13	281	26.8	18,381	0.0375	17,439	77	226	8	1,600	4,176	54
14	246	22.5	18,381	0.0375	15,509	80	194	8	1,600	4,176	52
15	287	24.3	18,381	0.0375	16,750	73	229	8	1,600	4,176	57
16	285	27	18,381	0.0375	18,611	80	233	8	1,600	4,176	52
17	267	26.1	18,381	0.0375	17,990	83	217	8	1,600	4,176	50
18	344	25.4	18,381	0.0375	17,508	63	278	8	1,600	4,176	66
19	390	26.8	18,381	0.0375	18,473	58	318	8	1,600	4,176	72
20	324	24.5	18,381	0.0375	16,888	65	260	8	1,600	4,176	64
21	243	21.8	18,381	0.0375	15,026	79	190	8	1,600	4,176	53
22	291	24.8	18,381	0.0375	17,094	73	234	8	1,600	4,176	57
23	301	26.3	18,381	0.0375	18,128	74	245	8	1,600	4,176	56
24	245	24.2	18,381	0.0375	16,681	85	196	8	1,600	4,176	49
25	306	26.3	18,381	0.0375	18,128	73	248	8	1,600	4,176	57
26	302	25.1	18,381	0.0375	17,301	71	244	8	1,600	4,176	59
27	208	25.3	18,381	0.0375	17,439	104	168	8	1,600	4,176	40
28	269	26.3	18,381	0.0375	18,128	83	218	8	1,600	4,176	50
29	244	25.1	18,381	0.0375	17,301	88	197	8	1,600	4,176	47
30	285	26.6	18,381	0.0375	18,335	79	232	8	1,600	4,176	53
31	191	27	18,381	0.0375	18,611	119	156	8	1,600	4,176	35