

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

County: Clatsop

Month/Year: Nov-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	PO	PO	PO	PO	PO	PO
2	PO	PO	PO	PO	PO	PO	PO
3	PO	PO	PO	PO	0.04	0.03	0.22
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	PO	PO	PO	PO
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	PO	PO	PO	PO
8	PO	PO	PO	0.03	0.03	0.03	0.74
9	0.03	0.03	0.03	0.03	0.03	0.03	0.71
10	0.03	0.03	0.03	PO	PO	PO	0.44
11	PO	PO	PO	PO	PO	PO	PO
12	PO	PO	0.03	0.03	0.03	0.03	0.66
13	0.03	PO	PO	PO	PO	PO	0.03
14	PO	PO	PO	PO	PO	PO	PO
15	PO	PO	PO	PO	0.03	0.03	0.14
16	0.03	0.03	0.03	PO	PO	PO	0.58
17	PO	PO	PO	PO	PO	PO	PO
18	PO	PO	PO	PO	PO	PO	PO
19	PO	PO	PO	PO	PO	PO	PO
20	PO	PO	PO	PO	0.03	0.03	0.21
21	0.03	0.03	0.03	0.03	0.03	0.03	0.58
22	PO	PO	PO	PO	0.03	0.03	0.21
23	0.03	PO	PO	PO	PO	PO	0.07
24	PO	PO	PO	PO	0.03	0.03	0.08
25	0.03	0.03	0.03	0.03	PO	PO	0.97
26	PO	PO	PO	PO	PO	PO	PO
27	PO	PO	PO	0.03	0.03	0.05	0.44
28	0.03	0.03	PO	PO	PO	PO	0.06
29	PO	PO	PO	0.03	0.03	PO	0.27
30	PO	PO	PO	PO	PO	0.03	0.29
31							

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	<input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU?	<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: Matthew R Gardner	
		SIGNATURE: <i>[Signature]</i>	DATE: Nov 23 12/5/23
		PHONE #: 503 436 2790	CERT #: 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

Disinfection *Giardia*
Log Inactiv: 0.50

System Name: Arch Cape Water District ID#: 41 00802 Month/Year: Nov-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	0.73	440	320.9	11.7	7.22	18.1		52
2	0.71	401	284.4	11.9	7.16	17.5		55
3	0.69	440	303.4	12.0	7.25	17.9		49
4	0.69	318	219.3	12.3	7.21	17.3		68
5	0.67	293	196.2	12.4	7.19	17.0		71
6	0.68	321	218.2	12.4	7.23	17.3		62
7	0.65	350	227.7	12.5	7.20	16.7		55
8	0.64	356	227.7	12.0	7.19	17.4		53
9	0.8	389	311.4	11.9	7.21	17.9		55
10	0.84	288	242.2	11.7	7.21	18.3		80
11	0.81	338	273.7	11.6	7.23	18.4		66
12	0.79	298	235.6	11.5	7.22	18.5		72
13	0.81	413	334.6	11.5	7.18	18.2		55
14	0.8	450	359.6	11.3	7.17	18.4		49
15	0.77	455	350.7	11.2	7.18	18.5		47
16	0.81	434	351.4	10.8	7.18	19.1		53
17	0.8	408	326.4	10.8	7.20	19.2		55
18	0.78	327	255.4	10.8	7.22	19.3		66
19	0.77	325	250.3	10.8	7.20	19.1		65
20	0.76	313	237.8	10.6	7.19	19.3		64
21	0.8	394	315.4	10.5	7.20	19.6		55
22	0.8	302	241.9	10.7	7.19	19.3		74
23	0.8	396	317.1	10.5	7.15	19.2		58
24	0.79	414	327.3	10.1	7.22	20.2		53
25	0.79	249	196.8	9.7	7.17	20.4		92
26	0.77	263	202.7	9.5	7.20	20.8		85
27	0.76	443	336.3	9.3	7.18	20.9		49
28	0.76	411	312.0	9.1	7.16	21.1		56
29	0.75	486	364.8	9.0	7.16	21.2		46
30	0.76	438	333.0	9.1	7.19	21.3		52
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	440	27.1	18,381	0.0375	18,680	52	359	8	1,600	4,176	80
2	401	25.9	18,381	0.0375	17,853	55	325	8	1,600	4,176	76
3	440	25.2	18,381	0.0375	17,370	49	354	8	1,600	4,176	85
4	318	25.3	18,381	0.0375	17,439	68	256	8	1,600	4,176	61
5	293	24.1	18,381	0.0375	16,612	71	234	8	1,600	4,176	59
6	321	22.8	18,381	0.0375	15,716	62	253	8	1,600	4,176	67
7	350	21.9	18,381	0.0375	15,095	55	274	8	1,600	4,176	76
8	356	21.3	18,381	0.0375	14,682	53	277	8	1,600	4,176	79
9	389	25	18,381	0.0375	17,232	55	313	8	1,600	4,176	76
10	288	27.4	18,381	0.0375	18,886	80	236	8	1,600	4,176	52
11	338	26.3	18,381	0.0375	18,128	66	275	8	1,600	4,176	63
12	298	25.1	18,381	0.0375	17,301	72	240	8	1,600	4,176	58
13	413	26.9	18,381	0.0375	18,542	55	337	8	1,600	4,176	76
14	450	25.9	18,381	0.0375	17,853	49	364	8	1,600	4,176	85
15	455	25	18,381	0.0375	17,232	47	367	8	1,600	4,176	89
16	434	27.3	18,381	0.0375	18,818	53	355	8	1,600	4,176	79
17	408	26.5	18,381	0.0375	18,266	55	332	8	1,600	4,176	76
18	327	25.3	18,381	0.0375	17,439	66	264	8	1,600	4,176	63
19	325	24.6	18,381	0.0375	16,956	65	261	8	1,600	4,176	64
20	313	23	18,381	0.0375	15,854	64	248	8	1,600	4,176	65
21	394	25.4	18,381	0.0375	17,508	55	318	8	1,600	4,176	76
22	302	26.4	18,381	0.0375	18,197	74	246	8	1,600	4,176	56
23	396	27.3	18,381	0.0375	18,818	58	324	8	1,600	4,176	72
24	414	25.8	18,381	0.0375	17,784	53	336	8	1,600	4,176	79
25	249	27.2	18,381	0.0375	18,749	92	204	8	1,600	4,176	45
26	263	26.4	18,381	0.0375	18,197	85	214	8	1,600	4,176	49
27	443	25.4	18,381	0.0375	17,508	49	357	8	1,600	4,176	85
28	411	27.3	18,381	0.0375	18,818	56	336	8	1,600	4,176	75
29	486	26.4	18,381	0.0375	18,197	46	396	8	1,600	4,176	91
30	438	27	18,381	0.0375	18,611	52	358	8	1,600	4,176	80
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!