

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

County: Clatsop
 Month/Year: Nov-21

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	0.04	0.03	0.03	0.03	0.17
2	0.03	0.03	PO	0.03	0.03	0.03	0.11
3	PO	PO	PO	0.03	0.03	PO	0.39
4	PO	PO	PO	PO	PO	PO	PO
5	PO	PO	PO	0.03	0.05	0.03	0.05
6	PO	PO	PO	PO	PO	PO	PO
7	PO	PO	PO	0.03	0.03	0.03	0.72
8	0.03	PO	PO	PO	PO	PO	0.03
9	PO	PO	PO	PO	PO	PO	PO
10	PO	PO	PO	PO	0.03	0.03	0.11
11	0.03	0.03	PO	PO	PO	PO	0.07
12	PO	PO	PO	PO	PO	PO	PO
13	PO	PO	PO	PO	PO	PO	PO
14	PO	PO	PO	0.03	0.03	0.03	0.59
15	0.03	0.03	0.03	PO	PO	PO	0.08
16	PO	PO	PO	0.02	0.03	0.03	0.07
17	0.03	0.03	0.04	0.03	0.03	0.03	0.03
18	0.03	0.03	0.03	0.04	PO	PO	1.15
19	PO	PO	PO	PO	0.03	0.03	0.45
20	0.03	0.03	0.03	0.03	0.03	0.03	0.04
21	0.03	0.03	0.03	0.04	0.04	0.04	0.44
22	0.04	PO	PO	PO	PO	PO	0.04
23	PO	PO	PO	0.04	0.04	0.04	0.73
24	0.04	0.04	0.04	0.03	0.03	0.03	0.06
25	PO	PO	PO	0.03	0.03	0.03	0.04
26	PO	PO	PO	0.03	0.03	0.03	0.06
27	0.03	0.03	0.03	0.03	po	po	0.56
28	PO	PO	0.03	0.03	0.03	PO	0.08
29	PO	PO	PO	0.03	0.03	0.03	0.03
30	0.03	PO	PO	0.04	0.04	0.04	0.11
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)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No
Notes:	PRINTED NAME: <i>Phil Chick</i>		DATE: <i>12-8-21</i>
	SIGNATURE: <i>Phil Chick</i>		CERT #: <i>T: 08177</i>
	PHONE #: <i>(503) 436-2790</i>		<i>D: 08178</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.

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: Oct-21

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	241	193.1	11.8	6.46	14.0	YES	81
2	0.83	268	222.3	11.7	6.43	14.0		82
3	0.78	329	256.6	11.8	6.33	13.4		68
4	0.74	283	209.6	12.1	6.36	13.2		78
5	0.73	287	209.3	12.1	6.22	12.6		73
6	0.71	234	166.4	11.9	6.25	12.9		89
7	0.69	173	119.2	11.9	6.30	13.1		110
8	0.74	239	177.0	11.1	6.49	14.7		82
9	0.72	236	169.7	11.0	6.59	15.3		85
10	0.7	227	159.2	11.0	6.64	15.5		82
11	0.79	226	178.8	11.5	6.64	15.2		83
12	0.78	225	175.3	11.5	6.26	13.4		79
13	0.76	193	146.4	11.6	6.50	14.3		85
14	0.75	157	117.6	11.3	6.35	13.9		93
15	0.89	198	176.5	12.2	6.45	13.8		85
16	0.86	35	30.0	11.8	6.63	14.9		449
17	0.93	284	264.1	10.9	6.62	15.9		63
18	0.89	243	216.6	10.7	6.64	16.1		84
19	0.86	271	232.8	11.0	6.52	15.1		74
20	0.94	268	252.1	10.6	6.49	15.5		77
21	0.9	238	214.5	10.2	6.55	16.2		91
22	0.87	301	261.9	10.2	6.58	16.3		75
23	0.85	289	246.1	10.0	6.66	16.9		73
24	0.83	278	230.7	9.8	6.41	15.7		80
25	0.8	202	161.2	9.8	6.49	16.1		110
26	0.78	216	168.1	9.8	6.60	16.6		99
27	0.77	238	183.5	9.8	6.56	16.4		93
28	0.74	209	154.8	10.1	6.60	16.2		90
29	0.73	279	203.7	10.2	6.44	15.3		76
30	0.73	204	148.8	10.4	6.41	14.9		102
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.
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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	241	22.3	18,381	0.0375	15,371	81	190	8	1,600	4,176	52
2	268	25.8	18,381	0.0375	17,784	82	217	8	1,600	4,176	51
3	329	26.4	18,381	0.0375	18,197	68	268	8	1,600	4,176	61
4	283	26	18,381	0.0375	17,921	78	230	8	1,600	4,176	54
5	287	24.3	18,381	0.0375	16,750	73	229	8	1,600	4,176	57
6	234	24.2	18,381	0.0375	16,681	89	187	8	1,600	4,176	47
7	173	21.5	18,381	0.0375	14,820	110	135	8	1,600	4,176	38
8	239	22.4	18,381	0.0375	15,440	82	188	8	1,600	4,176	51
9	236	23	18,381	0.0375	15,854	85	187	8	1,600	4,176	49
10	227	21	18,381	0.0375	14,475	82	177	8	1,600	4,176	51
11	226	21.2	18,381	0.0375	14,613	83	176	8	1,600	4,176	50
12	225	19.7	18,381	0.0375	13,579	79	172	8	1,600	4,176	53
13	193	17.7	18,381	0.0375	12,200	85	144	8	1,600	4,176	49
14	157	15.1	18,381	0.0375	10,408	93	112	8	1,600	4,176	45
15	198	18.4	18,381	0.0375	12,683	85	149	8	1,600	4,176	49
16	35	16.7	18,381	0.0375	11,511	449	26	8	1,600	4,176	9
17	284	19.9	18,381	0.0375	13,717	63	218	8	1,600	4,176	66
18	243	23.6	18,381	0.0375	16,267	84	194	8	1,600	4,176	50
19	271	23	18,381	0.0375	15,854	74	214	8	1,600	4,176	56
20	268	23.9	18,381	0.0375	16,474	77	214	8	1,600	4,176	54
21	238	25.4	18,381	0.0375	17,508	91	192	8	1,600	4,176	46
22	301	26.7	18,381	0.0375	18,404	75	245	8	1,600	4,176	56
23	289	24.6	18,381	0.0375	16,956	73	232	8	1,600	4,176	57
24	278	26.2	18,381	0.0375	18,059	80	226	8	1,600	4,176	52
25	202	26.1	18,381	0.0375	17,990	110	164	8	1,600	4,176	38
26	216	24.9	18,381	0.0375	17,163	99	173	8	1,600	4,176	42
27	238	26.1	18,381	0.0375	17,990	93	193	8	1,600	4,176	45
28	209	24.3	18,381	0.0375	16,750	100	167	8	1,600	4,176	42
29	279	23.5	18,381	0.0375	16,198	73	222	8	1,600	4,176	57
30	204	24.1	18,381	0.0375	16,612	102	163	8	1,600	4,176	41
31	#DIV/0!		18,381	0.0375	0		#DIV/0!	8	1,600	4,176	#DIV/0!