

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Clatsop
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

SYSTEM NAME: **Warrenton**

ID#: **4100932-A**

Month/Year DEC. 2022

DAY	12AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading (NTU)
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.05	0.04	0.04	0.04	0.05	0.04	0.05
4	0.05	0.04	0.05	0.04	0.05	0.04	0.05
5	0.05	0.05	0.05	0.04	0.04	0.03	0.05
6	0.03	0.04	0.04	0.04	0.03	0.04	0.04
7	0.03	0.03	0.04	0.04	0.04	0.03	0.04
8	0.03	0.03	0.04	0.04	0.03	0.03	0.04
9	0.03	0.03	0.05	0.04	0.03	0.03	0.05
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11	0.03	0.03	0.04	0.03	0.03	0.03	0.04
12	0.03	0.03	0.03	0.04	0.04	0.05	0.05
13	0.04	0.04	0.04	0.03	0.04	0.04	0.04
14	0.04	0.04	0.03	0.03	0.05	0.05	0.05
15	0.04	0.04	0.03	0.03	0.03	0.04	0.04
16	0.04	0.04	0.03	0.03	0.04	0.03	0.04
17	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	0.04	0.04	0.03	0.03	0.03	0.04	0.04
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20	0.04	0.03	0.03	0.04	0.03	0.05	0.05
21	0.03	0.03	0.03	0.03	0.04	0.04	0.04
22	0.03	0.03	0.04	0.04	0.04	0.04	0.04
23	0.03	0.04	0.04	0.03	0.03	0.04	0.04
24	0.05	0.04	0.03	0.05	0.05	0.05	0.05
25	0.04	0.03	0.03	0.03	0.04	0.04	0.04
26	0.04	0.05	0.04	0.05	0.06	0.05	0.06
27	0.04	0.04	0.03	0.03	0.04	0.04	0.04
28	0.03	0.03	0.04	0.03	0.03	0.03	0.04
29	0.04	0.04	0.03	0.04	0.04	0.04	0.04
30	0.03	0.03	0.03	0.04	0.03	0.04	0.04
31	0.04	0.05	0.04	0.04	0.04	0.04	0.05

Membrane 95% of Daily Turbidity Readings < 1 NTU YES All Daily Turbidity readings < 5 NTU YES		Monthly Summary (Answers Yes or No) CT's met everyday? YES All CL ₂ Residual at entry point > 0.2 mg/l YES	
NOTES: 		PRINTED NAME: Dave Davis	
		SIGNATURE: 	DATE: 1-5-2023
		PHONE #: (503) 738-7809	CERT #: T-08549

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM"

through "8 PM" may not correspond to continuous readings' maximum. ² Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form

SYSTEM NAME: **Warrenton**

ID# **4100932**

Month/Year **Dec. 2022**

Date / Time	Min. Cl ₂ Residual At 1st User (C)	Clearwell Volume	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met	Peak Hourly Flow
	(ppm or mg/l)	(MG)	(minutes)	(C x T)	°C		(CT Tables)	Yes / No	(gpm)
1 / 7:30	1.2	3.3	370	444	5.0	8.0	37	yes	714
2 / 7:30	1.2	3.3	358	430	5.0	8.0	37	yes	737
3 / 7:30	1.2	3.3	368	441	5.0	8.0	37	yes	718
4 / 7:30	1.2	3.3	384	461	0.5	8.0	52	yes	687
5 / 7:30	1.2	3.3	368	441	5.0	8.0	37	yes	718
6 / 7:30	1.2	3.3	371	445	5.0	8.0	37	yes	711
7 / 7:30	1.2	3.3	351	421	5.0	8.0	37	yes	752
8 / 7:30	1.2	3.3	296	355	5.0	8.0	37	yes	892
9 / 7:30	1.2	3.3	311	373	5.0	8.0	37	yes	850
10 / 7:30	1.2	3.3	382	458	5.0	8.0	37	yes	691
11 / 7:30	1.2	3.3	382	459	5.0	8.0	37	yes	690
12 / 7:30	1.2	3.3	321	385	5.0	8.0	37	yes	822
13 / 7:30	1.2	3.3	360	432	5.0	8.0	37	yes	733
14 / 7:30	1.2	3.3	353	423	5.0	8.0	37	yes	748
15 / 7:30	1.2	3.3	361	434	5.0	8.0	37	yes	731
16 / 7:30	1.2	3.3	372	446	5.0	8.5	45	yes	710
17 / 7:30	1.2	3.3	380	456	5.0	8.5	45	yes	695
18 / 7:30	1.2	3.3	404	485	5.0	8.5	45	yes	654
19 / 7:30	1.2	3.3	388	465	5.0	8.5	45	yes	681
20 / 7:30	1.2	3.3	380	456	5.0	8.5	45	yes	695
21 / 7:30	1.2	3.3	365	439	5.0	8.5	45	yes	722
22 / 7:30	1.2	3.3	328	393	0.5	8.5	63	yes	806
23 / 7:30	1.2	3.3	315	379	5.0	8.0	37	yes	837
24 / 7:30	1.2	3.3	216	259	5.0	8.5	45	yes	1224
25 / 7:30	1.2	3.3	238	285	5.0	8.0	37	yes	1111
26 / 7:30	1.2	3.3	251	302	5.0	8.0	37	yes	1050
27 / 7:30	1.2	3.3	241	289	5.0	8.0	37	yes	1097
28 / 7:30	1.2	3.3	257	308	5.0	8.0	37	yes	1028
29 / 7:30	1.2	3.3	292	351	5.0	8.0	37	yes	903
30 / 7:30	1.2	3.3	336	403	5.0	8.0	37	yes	786
31 / 7:30	1.2	3.3	345	414	5.0	8.0	37	yes	765

If CL₂ at entry point < 0.2 mg/l OR CT not met, DWP by end of next business day.

PRINT NAME: Dave Davis

SIGNATURE:



DATE: 1-5-2023

CERT#: T-08549

PHONE#: (503) 738-7809

DAILY TURBIDITY, CHLORINE, AND PRODUCTION REPORT

SYSTEM NAME: **Warrenton** ID# **4100932** PLANT OPERATOR: Dave Davis MONTH/YEAR DEC. 2022

DAY	TIME	Water Prod.(x-1000,MGD)			N.T.U.		Temp	CL2 Test (0.8% Sodium Hypochlorite)					PH	Fluoride	ACH
		Feed Flow	Backwash water	Waste- Filtrate Flow	Raw Water	Filtrate Water	Water Temp C°	Dosage Setting	Chlorine Used (gals.)	Dry Pounds (lbs)	Dist CL2 mg/l	CL2 Lab Sample	Filtrate PH	Fluoride Residual	Dosage mg/l Setting
1	7:30	1426	186	1240	1.8	0.03	6	1.6	262	17	1.2	1.2	7.6	0.7	7
2	7:30	1184	223	961	1.9	0.03	6	1.6	207	14	1.1	1.2	7.7	0.7	7
3	7:30	1158	196	962	1.8	0.03	5	1.6	208	14	1.1	1.2	7.8	0.7	7
4	7:30	1115	186	929	1.9	0.03	5	1.6	203	14	1.2	1.2	7.8	0.7	7
5	7:30	1111	187	924	2.0	0.03	5	1.6	202	13	1.2	1.2	7.8	0.7	7
6	7:30	1145	195	950	1.6	0.04	6	1.6	205	14	1.2	1.2	7.7	0.7	7
7	7:30	1175	218	957	1.6	0.03	6	1.7	211	14	1.1	1.2	7.7	0.7	7
8	7:30	1184	196	988	1.7	0.03	6	1.7	221	15	1.1	1.2	7.7	0.6	7
9	7:30	1174	212	962	1.7	0.03	6	1.7	218	15	1.2	1.2	7.7	0.6	7
10	7:30	1100	179	921	1.8	0.03	7	1.7	210	14	1.2	1.2	7.7	0.6	7
11	7:30	1084	177	907	1.9	0.03	7	1.6	198	13	1.3	1.2	7.6	0.6	7
12	7:30	1119	205	914	1.8	0.03	7	1.5	193	13	1.2	1.2	7.7	0.6	7
13	7:30	1154	191	963	2.7	0.04	7	1.5	195	13	1.2	1.2	7.8	0.6	7
14	7:30	1195	200	995	3.2	0.03	7	1.5	202	13	1.2	1.2	7.9	0.6	7
15	7:30	1190	212	978	1.7	0.05	6	1.5	201	13	1.2	1.2	8.0	0.7	7
16	7:30	1178	199	979	1.7	0.04	6	1.5	198	13	1.2	1.2	8.1	0.7	7
17	7:30	1097	176	921	1.7	0.03	6	1.5	186	12	1.2	1.2	8.1	0.7	7
18	7:30	1045	171	874	1.7	0.04	6	1.5	182	12	1.1	1.2	8.2	0.7	7
19	7:30	1033	180	853	1.7	0.04	6	1.5	177	12	1.1	1.2	8.2	0.7	7
20	7:30	1100	185	915	1.9	0.03	6	1.5	186	12	1.1	1.2	8.1	0.7	7
21	7:30	1120	178	942	2.0	0.04	6	1.5	192	13	1.1	1.2	8.2	0.7	7
22	7:30	1199	191	1008	2.1	0.03	4	1.5	206	14	1.2	1.2	8.2	0.7	7
23	7:30	815	145	670	0.9	0.04	6	1.5	132	9	1.1	1.2	7.8	0.7	7
24	7:30	1308	221	1087	2.1	0.03	5	1.5	209	14	1.2	1.2	8.1	0.7	7
25	7:30	1839	266	1573	2.1	0.03	6	1.5	298	20	1.2	1.2	8.0	0.8	7
26	7:30	1547	240	1307	2.0	0.03	7	1.5	249	17	1.1	1.2	7.8	0.8	7
27	7:30	1028	187	841	2.5	0.04	8	1.5	161	11	1.1	1.2	7.8	0.8	7
28	7:30	1643	243	1400	2.3	0.03	8	1.4	252	17	1.2	1.2	7.9	0.8	7
29	7:30	1404	217	1187	2.5	0.04	8	1.4	203	14	1.1	1.2	7.8	0.8	7
30	7:30	1235	200	1035	2.2	0.04	8	1.4	181	12	1.1	1.1	7.6	0.8	7
31	7:30	1198	192	1006	2.4	0.04	8	1.4	176	12	1.1	1.1	7.6	0.7	7
Total		37303	6154	31149	60.8	1.12	193	47.6	6324	423	35.9	37.0	243.7	21.5	N/A
Minimum		815	145	670	0.9	0.03	4	1.4	132	9	1.1	1.1	7.6	0.6	
Maximum		1839	266	1573	3.2	0.05	8	1.7	298	20	1.3	1.2	8.2	0.8	
Average		1203	199	1005	2.0	0.04	6	1.5	204	14	1.2	1.2	7.9	0.7	

DATE: **1-5-2023** CERT#: **T-08549** PHONE #: **(503)738-7809** SIGNATURE: _____

Dave A. Davis