

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 Jan. 2023

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

Membrane		Monthly Summary (Answers Yes or No)	
95% of Daily Turbidity Readings < 1 NTU	YES	All	CT's met everyday? YES All CL ₂ Residual at entry point > 0.2 mg/l YES
Daily Turbidity readings < 5 NTU	YES		
NOTES:		PRINTED NAME: Dave Davis	
		SIGNATURE: 	DATE: 2-1-2023
		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 **Jan. 2023**

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	369	443	5.0	8.0	37	yes	715
2 / 7:30	1.2	3.3	379	455	5.0	8.0	37	yes	696
3 / 7:30	1.2	3.3	369	443	5.0	8.0	37	yes	715
4 / 7:30	1.2	3.3	368	442	5.0	8.0	37	yes	717
5 / 7:30	1.2	3.3	365	439	5.0	8.0	37	yes	722
6 / 7:30	1.2	3.3	381	445	5.0	8.0	37	yes	693
7 / 7:30	1.2	3.3	387	464	5.0	8.0	37	yes	682
8 / 7:30	1.2	3.3	387	464	5.0	8.0	37	yes	682
9 / 7:30	1.2	3.3	416	499	5.0	8.0	37	yes	635
10 / 7:30	1.2	3.3	401	471	5.0	8.0	37	yes	658
11 / 7:30	1.2	3.3	406	485	5.0	8.0	37	yes	651
12 / 7:30	1.2	3.3	388	453	5.0	8.0	37	yes	680
13 / 7:30	1.2	3.3	384	461	5.0	7.5	31	yes	687
14 / 7:30	1.2	3.3	384	461	5.0	7.5	31	yes	688
15 / 7:30	1.2	3.3	397	476	5.0	7.5	31	yes	666
16 / 7:30	1.2	3.3	373	448	5.0	7.5	31	yes	707
17 / 7:30	1.2	3.3	378	454	5.0	7.5	31	yes	698
18 / 7:30	1.2	3.3	364	436	5.0	7.5	31	yes	726
19 / 7:30	1.2	3.3	361	433	5.0	7.5	31	yes	732
20 / 7:30	1.2	3.3	356	427	5.0	7.5	31	yes	742
21 / 7:30	1.2	3.3	352	422	5.0	7.5	31	yes	750
22 / 7:30	1.2	3.3	366	439	5.0	7.5	31	yes	722
23 / 7:30	1.2	3.3	352	423	5.0	8.0	37	yes	749
24 / 7:30	1.2	3.3	349	418	5.0	8.0	37	yes	757
25 / 7:30	1.2	3.3	344	413	5.0	8.0	37	yes	767
26 / 7:30	1.2	3.3	334	401	5.0	8.0	37	yes	789
27 / 7:30	1.2	3.3	346	415	5.0	8.0	37	yes	764
28 / 7:30	1.2	3.3	358	430	5.0	8.0	37	yes	737
29 / 7:30	1.2	3.3	371	445	5.0	8.0	37	yes	711
30 / 7:30	1.2	3.3	340	408	5.0	8.5	45	yes	776
31 / 7:30	1.2	3.3	324	389	5.0	8.5	45	yes	814

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: Feb. 1, 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 Jan. 2023

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	1163	189	974	2.0	0.03	8	1.5	176	12	1.1	1.0	7.6	0.7	8
2	7:30	1090	176	914	2.0	0.05	7	1.5	169	11	1.1	1.1	7.7	0.7	8
3	7:30	1091	173	918	2.1	0.04	7	1.5	169	11	1.1	1.1	7.7	0.7	8
4	7:30	1123	181	942	2.6	0.03	6	1.5	172	11	1.1	1.1	7.8	0.7	8
5	7:30	1131	183	948	2.2	0.03	7	1.5	174	12	1.2	1.1	7.8	0.7	8
6	7:30	1109	182	927	2.6	0.03	7	1.5	170	11	1.2	1.1	7.7	0.7	8
7	7:30	1082	180	902	2.1	0.04	7	1.5	165	11	1.1	1.1	7.6	0.7	8
8	7:30	1040	165	875	2.0	0.03	8	1.5	163	11	1.1	1.1	7.6	0.7	8
9	7:30	1014	169	845	2.0	0.03	7	1.5	159	11	1.2	1.1	7.6	0.7	8
10	7:30	1019	171	848	2.0	0.03	7	1.5	160	11	1.2	1.1	7.7	0.7	8
11	7:30	1023	170	853	1.9	0.03	7	1.4	155	10	1.2	1.1	7.6	0.8	8
12	7:30	1061	174	887	2.7	0.03	8	1.4	155	10	1.2	1.1	7.2	0.7	8
13	7:30	1073	183	890	2.7	0.04	8	1.4	156	10	1.1	1.1	7.3	0.7	8
14	7:30	1091	169	922	2.7	0.03	8	1.4	159	11	1.1	1.1	7.2	0.7	8
15	7:30	1051	173	878	2.7	0.03	8	1.5	161	11	1.1	1.1	7.2	0.7	8
16	7:30	1064	173	891	2.9	0.03	8	1.4	162	11	1.1	1.1	7.2	0.7	8
17	7:30	1088	178	910	2.8	0.03	8	1.4	159	11	1.1	1.1	7.3	0.7	8
18	7:30	1136	179	957	3.0	0.03	8	1.4	167	11	1.1	1.1	7.3	0.7	8
19	7:30	1147	180	967	3.0	0.03	8	1.4	167	11	1.1	1.1	7.1	0.7	8
20	7:30	1174	186	988	3.0	0.03	8	1.4	171	11	1.1	1.1	7.5	0.8	8
21	7:30	1175	189	986	3.0	0.03	7	1.4	172	11	1.1	1.1	7.5	0.8	8
22	7:30	1146	185	961	3.0	0.03	7	1.4	166	11	1.1	1.1	7.5	0.8	8
23	7:30	1155	186	969	3.1	0.03	7	1.4	168	11	1.1	1.1	7.7	0.8	8
24	7:30	1195	192	1003	3.0	0.03	7	1.4	175	12	1.1	1.1	7.7	0.7	8
25	7:30	1236	200	1036	3.5	0.03	7	1.4	180	12	1.1	1.1	7.8	0.7	8
26	7:30	1221	200	1021	3.3	0.03	7	1.4	172	11	1.1	1.1	7.9	0.7	8
27	7:30	1245	202	1043	3.6	0.03	7	1.4	180	12	1.1	1.1	7.9	0.7	8
28	7:30	1193	194	999	3.3	0.03	7	1.4	171	11	1.1	1.1	7.9	0.7	8
29	7:30	1159	203	956	3.2	0.03	6	1.4	163	11	1.1	1.1	7.9	0.7	8
30	7:30	1195	211	984	3.2	0.03	6	1.4	167	11	1.1	1.1	8.1	0.7	8
31	7:30	1261	218	1043	3.4	0.03	5	1.4	177	12	1.1	1.1	8.1	0.7	8
Total		34951	5714	29237	84.7	0.99	224	44.5	5180	344	35.2	34.0	235.5	22.0	N/A
Minimum		1014	165	845	1.9	0.03	5	1.4	155	10	1.1	1.0	7.1	0.7	
Maximum		1261	218	1043	3.6	0.05	8	1.5	180	12	1.2	1.1	8.1	0.8	
Average		1127	184	943	2.7	0.03	7	1.4	167	11	1.1	1.1	7.6	0.7	

DATE: **Feb. 1, 2023**

CERT#: **T-08549**

PHONE #: **(503)738-7809**

SIGNATURE:

Dave A Davis