

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 **Nov. 2022**

DAY	12AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading (NTU)
1	0.02	0.03	0.03	0.03	0.02	0.02	0.03
2	0.03	0.02	0.03	0.03	0.03	0.03	0.03
3	0.04	0.03	0.03	0.04	0.04	0.04	0.04
4	0.05	0.04	0.03	0.04	0.05	0.05	0.05
5	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8	0.02	0.02	0.03	0.02	0.03	0.03	0.03
9	0.02	0.03	0.04	0.03	0.04	0.04	0.04
10	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12	0.03	0.03	0.03	0.03	0.04	0.02	0.04
13	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16	0.04	0.04	0.03	0.03	0.03	0.04	0.04
17	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	0.05	0.04	0.04	0.03	0.04	0.05	0.05
19	0.04	0.04	0.04	0.04	0.04	0.04	0.04
20	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21	0.02	0.03	0.02	0.02	0.02	0.02	0.03
22	0.03	0.03	0.03	0.03	0.03	0.02	0.03
23	0.05	0.05	0.04	0.04	0.04	0.04	0.05
24	0.02	0.02	0.02	0.03	0.03	0.03	0.03
25	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26	0.03	0.03	0.04	0.03	0.03	0.03	0.04
27	0.03	0.03	0.03	0.02	0.03	0.03	0.03
28	0.04	0.04	0.04	0.04	0.03	0.04	0.04
29	0.02	0.02	0.02	0.02	0.02	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	0.02	0.03
31							

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: 12-5-2022	
		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 **Nov. 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	10	7.5	23	yes	713
2 / 7:30	1.2	3.3	350	420	5	8.0	37	yes	754
3 / 7:30	1.2	3.3	347	416	5	8.0	37	yes	761
4 / 7:30	1.0	3.3	339	339	10	8.0	27	yes	779
5 / 7:30	1.2	3.3	328	394	10	8.0	28	yes	805
6 / 7:30	1.4	3.3	317	444	5	7.5	31	yes	833
7 / 7:30	1.4	3.3	309	433	5	8.0	38	yes	853
8 / 7:30	1.2	3.3	307	368	5	8.0	37	yes	860
9 / 7:30	1.2	3.3	328	393	5	7.5	31	yes	806
10 / 7:30	1.2	3.3	343	411	5	7.5	31	yes	770
11 / 7:30	1.2	3.3	348	417	5	8.0	37	yes	759
12 / 7:30	1.4	3.3	346	484	5	8.0	38	yes	764
13 / 7:30	1.4	3.3	363	508	5	8.0	38	yes	728
14 / 7:30	1.4	3.3	352	493	5	8.0	38	yes	749
15 / 7:30	1.4	3.3	350	490	5	8.0	38	yes	754
16 / 7:30	1.2	3.3	341	409	5	7.5	31	yes	775
17 / 7:30	1.2	3	312	374	5	8.0	37	yes	770
18 / 7:30	1.2	3.3	349	419	5	8.0	37	yes	755
19 / 7:30	1.2	3.3	354	425	5	8.0	37	yes	745
20 / 7:30	1.2	3.3	348	417	5	8.0	37	yes	759
21 / 7:30	1.2	3.3	330	396	5	8.0	37	yes	799
22 / 7:30	1.2	3.3	354	425	5	8.0	37	yes	746
23 / 7:30	1.2	3.3	358	429	5	8.0	37	yes	738
24 / 7:30	1.2	3.3	359	430	5	8.0	37	yes	736
25 / 7:30	1.2	3.3	382	458	5	8.0	37	yes	691
26 / 7:30	1.2	3.3	374	449	5	8.0	37	yes	705
27 / 7:30	1.2	3.3	377	453	5	8.0	37	yes	700
28 / 7:30	1.2	3.3	376	451	5	8.0	37	yes	702
29 / 7:30	1.2	2.7	244	292	5	8.0	37	yes	886
30 / 7:30	1.2	3.3	379	455	5	8.0	37	yes	697

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: 12-5-2022

CERT#: T-08549

PHONE#: (503) 738-7809

DAILY TURBIDITY, CHLORINE, AND PRODUCTION REPORT

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

DAY	TIME	Water Prod.(x-1000,MGD)			N.T.U.		Temp	CL2 Test (0.8% Sodium Hypochlorite)					PH	Fluoride	ACH
		Feed Flow	Backwash Waste-water	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	1158	202	956	3.3	0.03	10	2.2	263	18	1.1	1.1	7.4	0.7	7
2	7:30	1188	180	1008	1.4	0.02	9	2.2	273	18	1.1	1.1	7.6	0.7	7
3	7:30	1180	180	1000	1.3	0.04	8	2.2	276	18	1.1	1.1	7.7	0.7	7
4	7:30	1215	178	1037	1.7	0.02	10	3.5	390	26	1.0	1.1	7.9	0.7	7
5	7:30	1229	162	1067	1.5	0.02	10	2	418	28	1.2	1.2	7.7	0.7	7
6	7:30	1251	139	1112	2.0	0.02	9	1.7	256	17	1.4	1.3	7.5	0.8	7
7	7:30	1312	164	1148	2.2	0.02	9	1.9	261	17	1.3	1.2	7.6	0.7	7
8	7:30	1338	169	1169	1.9	0.03	8	1.9	287	19	1.2	1.2	7.6	0.8	7
9	7:30	1266	157	1109	1.9	0.02	8	1.9	272	18	1.2	1.2	7.5	0.8	7
10	7:30	1174	149	1025	1.7	0.02	8	1.9	249	17	1.2	1.2	7.5	0.7	7
11	7:30	1155	143	1012	1.4	0.03	7	1.9	246	16	1.2	1.2	7.6	0.7	7
12	7:30	1160	149	1011	1.4	0.02	7	1.9	246	16	1.3	1.2	7.6	0.7	7
13	7:30	1131	133	998	1.5	0.02	7	1.8	240	16	1.3	1.2	7.6	0.7	7
14	7:30	1091	130	961	1.4	0.02	7	1.8	226	15	1.3	1.2	7.6	0.8	7
15	7:30	1155	142	1013	1.2	0.03	7	1.8	236	16	1.3	1.2	7.6	0.8	7
16	7:30	1142	141	1001	1.4	0.02	7	1.7	227	15	1.3	1.2	7.5	0.7	7
17	7:30	1162	149	1013	1.0	0.03	6	1.6	208	14	1.2	1.2	7.7	0.8	7
18	7:30	1196	153	1043	1.2	0.03	6	1.6	219	15	1.2	1.2	7.7	0.7	7
19	7:30	1143	158	985	1.1	0.03	5	1.6	209	14	1.2	1.2	7.8	0.7	7
20	7:30	1126	139	987	1.2	0.03	5	1.6	209	14	1.2	1.2	7.8	0.7	7
21	7:30	1164	138	1026	1.3	0.03	6	1.7	225	15	1.2	1.2	7.8	0.8	7
22	7:30	1137	142	995	1.2	0.03	6	1.8	225	15	1.1	1.2	7.8	0.8	7
23	7:30	1166	162	1004	1.4	0.03	7	1.8	233	16	1.2	1.2	7.7	0.8	7
24	7:30	1100	130	970	1.4	0.03	7	1.7	223	15	1.2	1.2	7.7	0.8	7
25	7:30	1062	133	929	1.4	0.02	7	1.8	214	14	1.2	1.1	7.7	0.7	7
26	7:30	1060	131	929	1.4	0.04	7	1.7	213	14	1.2	1.2	7.7	0.7	7
27	7:30	1073	136	937	1.5	0.03	7	1.7	212	14	1.2	1.1	7.7	0.7	7
28	7:30	1074	164	910	1.7	0.03	7	1.6	200	13	1.2	1.2	7.6	0.7	7
29	7:30	837	144	693	1.3	0.03	7	1.6	149	10	1.1	1.2	7.6	0.7	7
30	7:30	1020	152	868	1.7	0.03	6	1.6	185	12	1.2	1.2	7.7	0.8	7
31	7:30														
Total		34465	4549	29916	45.9	0.80	219	55.7	7290	485	36.1	35.5	229.5	22.2	N/A
Minimum		837	130	693	1.0	0.02	5	1.6	149	10	1.0	1.1	7.4	0.7	
Maximum		1338	202	1169	3.3	0.04	10	3.5	418	28	1.4	1.3	7.9	0.8	
Average		1149	152	997	1.5	0.03	7	1.9	243	16	1.2	1.2	7.7	0.7	

DATE:12-5-2022

CERT#:T-08549

PHONE #:(503)738-7809

SIGNATURE:

Dave A Davis