

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 **October 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	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4	0.04	0.04	0.04	0.04	0.04	0.04	0.04
5	0.04	0.04	0.04	0.04	0.04	0.03	0.04
6	0.03	0.03	0.04	0.04	0.03	0.04	0.04
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05
8	0.04	0.04	0.04	0.05	0.04	0.04	0.05
9	0.03	0.04	0.06	0.05	0.05	0.04	0.06
10	0.03	0.04	0.04	0.05	0.05	0.06	0.06
11	0.04	0.04	0.04	0.05	0.04	0.03	0.05
12	0.03	0.04	0.04	0.03	0.03	0.04	0.04
13	0.04	0.04	0.03	0.04	0.04	0.04	0.04
14	0.04	0.03	0.03	0.03	0.04	0.04	0.04
15	0.03	0.03	0.03	0.02	0.03	0.03	0.03
16	0.03	0.03	0.04	0.04	0.03	0.05	0.05
17	0.03	0.02	0.03	0.03	0.03	0.03	0.03
18	0.03	0.03	0.02	0.03	0.03	0.03	0.03
19	0.02	0.03	0.06	0.05	0.04	0.04	0.06
20	0.03	0.03	0.03	0.03	0.02	0.03	0.03
21	0.02	0.02	0.03	0.03	0.03	0.02	0.03
22	0.04	0.04	0.04	0.04	0.04	0.05	0.05
23	0.03	0.04	0.04	0.04	0.04	0.04	0.04
24	0.05	0.04	0.05	0.04	0.04	0.04	0.05
25	0.06	0.05	0.04	0.05	0.04	0.04	0.06
26	0.03	0.03	0.03	0.04	0.04	0.04	0.04
27	0.02	0.03	0.02	0.03	0.03	0.03	0.03
28	0.04	0.04	0.03	0.03	0.05	0.04	0.05
29	0.04	0.04	0.04	0.03	0.03	0.03	0.04
30	0.02	0.03	0.04	0.03	0.03	0.03	0.04
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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: 11-3-2022
		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 **October 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	208	249	10	7.5	23	yes	1270
2 / 7:30	1.2	3.3	198	238	10	7.5	23	yes	1330
3 / 7:30	1.2	3.3	191	229	10	8.0	28	yes	1384
4 / 7:30	1.2	3.3	185	222	10	7.5	23	yes	1425
5 / 7:30	1.2	3.3	225	271	15	7.5	15	yes	1171
6 / 7:30	1.2	3.3	332	399	15	9.0	27	yes	795
7 / 7:30	1.2	2.9	197	236	15	9.0	27	yes	1180
8 / 7:30	1.2	2.5	177	213	15	8.5	22	yes	1129
9 / 7:30	1.2	2	132	159	10	7.5	23	yes	1210
10 / 7:30	1.2	2.5	154	184	10	7.5	23	yes	1302
11 / 7:30	1.2	2.9	181	217	10	7.5	23	yes	1283
12 / 7:30	1.2	3.3	228	273	10	7.5	23	yes	1160
13 / 7:30	1.2	3.3	234	281	10	7.5	23	yes	1126
14 / 7:30	1.2	3.3	239	287	10	7.5	23	yes	1103
15 / 7:30	1.2	3.3	249	299	10	7.5	23	yes	1061
16 / 7:30	1.2	3.3	225	269	10	7.5	23	yes	1176
17 / 7:30	1.2	3.3	211	254	10	7.5	23	yes	1249
18 / 7:30	1.2	3.3	203	243	10	7.5	23	yes	1301
19 / 7:30	1.2	3.3	215	258	10	7.5	23	yes	1229
20 / 7:30	1.2	3.3	240	288	10	7.5	23	yes	1100
21 / 7:30	1.2	3.3	263	316	10	7.5	23	yes	1003
22 / 7:30	1.2	3.3	277	333	10	8.0	28	yes	952
23 / 7:30	1.2	3.3	288	346	10	8.0	28	yes	916
24 / 7:30	1.2	3.3	301	361	10	7.5	23	yes	877
25 / 7:30	1.2	3.3	402	483	10	7.5	23	yes	656
26 / 7:30	1.2	3.3	365	438	10	7.5	23	yes	723
27 / 7:30	1.2	3.3	279	335	10	7.5	23	yes	946
28 / 7:30	1.2	3.3	294	352	10	7.5	23	yes	899
29 / 7:30	1.2	3.3	318	381	10	7.5	23	yes	831
30 / 7:30	1.0	3.3	345	345	10	7.5	22	yes	765
31 / 7:30	1.0	3.3	362	362	10	7.5	22	yes	729

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: 11-3-2022

CERT#: T-08549

PHONE#: (503) 738-7809

DAILY TURBIDITY, CHLORINE, AND PRODUCTION REPORT

SYSTEM NAME: **Warrenton** ID# **4100932** PLANT OPERATOR: Dave Davis MONTH/YEAR October 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	1767	148	1619	0.8	0.03	14	1.9	474	32	1.2	1.1	7.5	0.7	7
2	7:30	1767	142	1625	0.6	0.03	14	2	398	27	1.0	1.1	7.5	0.7	7
3	7:30	1866	137	1729	0.6	0.03	13	2.4	505	34	1.1	1.1	7.6	0.7	7
4	7:30	1831	149	1682	0.7	0.03	14	2.6	548	37	1.3	1.1	7.4	0.8	7
5	7:30	452	87	365	0.4	0.03	15	2.6	113	8	1.1	1.1	7.3	0.8	7
6	7:30	455	101	354	3.7	0.05	17	2.9	164	11	1.0	1.0	8.7	0.8	7
7	7:30	1358	221	1137	2.3	0.05	17	3	601	40	1.2	1.0	8.6	0.8	7
8	7:30	2476	440	2036	1.9	0.05	17	1.8	454	30	1.3	1.2	8.5	0.9	7
9	7:30	2102	258	1844	1.7	0.06	13	1.4	327	22	1.3	1.2	7.3	0.7	7
10	7:30	2599	245	2354	0.7	0.06	13	1.5	381	25	1.3	1.2	7.4	0.7	7
11	7:30	1833	168	1665	0.8	0.03	12	1.9	327	22	1.1	1.2	7.4	0.7	7
12	7:30	1697	171	1526	0.8	0.04	12	2	356	24	1.2	1.2	7.4	0.7	7
13	7:30	1716	200	1516	0.9	0.03	12	1.9	348	23	1.2	1.2	7.4	0.8	7
14	7:30	1672	221	1451	0.9	0.04	12	1.7	307	20	1.2	1.2	7.4	0.8	7
15	7:30	1643	179	1464	0.9	0.03	13	1.7	298	20	1.2	1.1	7.4	0.8	7
16	7:30	1677	158	1519	0.8	0.05	13	1.7	311	21	1.2	1.1	7.4	0.8	7
17	7:30	1753	179	1574	0.7	0.03	12	1.7	318	21	1.2	1.1	7.4	0.7	7
18	7:30	1843	192	1651	0.9	0.03	12	1.7	333	22	1.2	1.1	7.4	0.7	7
19	7:30	1801	197	1604	0.9	0.06	11	1.7	320	21	1.2	1.1	7.4	0.8	7
20	7:30	1648	159	1489	0.7	0.03	11	1.7	298	20	1.2	1.1	7.4	0.7	7
21	7:30	1524	167	1357	1.1	0.03	11	2	290	19	1.2	1.1	7.4	0.7	7
22	7:30	1529	221	1308	2.7	0.05	11	3.3	353	24	1.0	1.1	7.6	0.7	7
23	7:30	1497	220	1277	0.8	0.03	10	2.3	451	30	1.0	1.1	7.6	0.7	7
24	7:30	1175	148	1027	0.9	0.03	10	2.5	306	20	1.0	1.1	7.5	0.7	7
25	7:30	995	171	824	1.6	0.03	10	2	244	16	1.1	1.1	7.4	0.7	7
26	7:30	1276	290	986	1.6	0.04	10	2.3	263	18	1.1	1.0	7.5	0.7	7
27	7:30	1332	208	1124	0.8	0.02	10	2.8	357	24	1.3	1.0	7.7	0.7	7
28	7:30	1420	212	1208	2.9	0.05	11	2.1	332	22	1.2	1.0	7.4	0.7	7
29	7:30	1344	212	1132	1.6	0.04	10	2.1	286	19	1.3	1.2	7.4	0.7	7
30	7:30	1202	179	1023	1.3	0.04	10	2.1	254	17	1.3	1.2	7.4	0.7	7
31	7:30	1187	213	974	6.2	0.03	11	2.1	252	17	1.3	1.2	7.4	0.7	7
Total		48437	5993	42444	43.5	1.14	380	65.4	10569	706	36.5	34.6	234.3	22.6	N/A
Minimum		452	87	354	0.4	0.02	10	1.4	113	8	1.0	1.0	7.3	0.7	
Maximum		2599	440	2354	6.2	0.06	17	3.3	601	40	1.3	1.2	8.7	0.9	
Average		1562	193	1369	1.4	0.04	12	2.1	341	23	1.2	1.1	7.6	0.7	

DATE 11-3-2022

CERT#:T-08549

PHONE #:(503)738-7809

SIGNATURE:

Dave Davis