


**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 **Oct. 2021**

DAY	12AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading (NTU)
1	0.06	0.04	0.03	0.03	0.03	0.03	0.06
2	0.02	0.03	0.03	0.06	0.04	0.05	0.06
3	0.03	0.04	0.03	0.05	0.04	0.02	0.05
4	0.02	0.03	0.07	0.03	0.02	0.02	0.07
5	0.02	0.02	0.03	0.03	0.02	0.02	0.03
6	0.02	0.02	0.03	0.03	0.03	0.02	0.03
7	0.02	0.02	0.03	0.03	0.03	0.02	0.03
8	0.02	0.02	0.03	0.02	0.02	0.02	0.03
9	0.02	0.02	0.03	0.02	0.02	0.02	0.03
10	0.02	0.03	0.02	0.02	0.02	0.02	0.03
11	0.02	0.02	0.03	0.02	0.02	0.02	0.03
12	0.02	0.02	0.03	0.03	0.03	0.02	0.03
13	0.02	0.02	0.06	0.02	0.02	0.02	0.06
14	0.02	0.02	0.04	0.02	0.02	0.02	0.04
15	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18	0.02	0.02	0.03	0.03	0.03	0.03	0.03
19	0.03	0.02	0.02	0.02	0.02	0.02	0.03
20	0.02	0.03	0.02	0.02	0.02	0.02	0.03
21	0.02	0.05	0.03	0.03	0.02	0.02	0.05
22	0.02	0.02	0.03	0.02	0.02	0.02	0.03
23	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25	0.04	0.03	0.03	0.07	0.03	0.02	0.07
26	0.02	0.02	0.03	0.02	0.02	0.02	0.03
27	0.03	0.02	0.03	0.03	0.03	0.03	0.03
28	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	0.03	0.03
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 Daily Turbidity readings < 5 NTU YES	All	CT's met everyday? YES All CL ₂ Residual at entry point > 0.2 mg/l YES
NOTES:	PRINTED NAME: Dave Davis	
	SIGNATURE: 	DATE: 11-2-2021
	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 **Oct.2021**

Date / Time	Min. Cl ₂ Residual At 1st User (C) (ppm or mg/l)	Clearwell Volume (MG)	Contact Time (T) (minutes)	Actual CT (C x T)	Temp °C	pH	Required CT (CT Tables)	CT Met Yes / No	Peak Hourly Flow (gpm)
1 / 7:30	1.2	3.3	283	340	10	7.5	23	yes	932
2 / 7:30	1.2	3.3	287	345	10	7.5	23	yes	919
3 / 7:30	1.4	3.3	290	406	10	7.5	23	yes	911
4 / 7:30	1.4	3.3	271	379	10	7.5	23	yes	974
5 / 7:30	1.4	3.3	273	383	10	7.5	23	yes	966
6 / 7:30	1.4	3.3	235	329	10	7.5	23	yes	1123
7 / 7:30	1.2	3.3	277	332	10	7.5	23	yes	953
8 / 7:30	1.2	3.3	282	339	10	7.5	23	yes	935
9 / 7:30	1.2	3.3	294	352	10	7.5	23	yes	899
10 / 7:30	1.2	3.3	294	352	10	7.5	23	yes	899
11 / 7:30	1.2	3.3	293	351	10	7.5	23	yes	902
12 / 7:30	1.2	3.3	292	350	5	7.5	31	yes	905
13 / 7:30	1.2	3.3	291	349	5	7.5	31	yes	906
14 / 7:30	1.2	3.3	291	349	10	7.5	23	yes	908
15 / 7:30	1.2	3.3	289	347	10	7.5	23	yes	913
16 / 7:30	1.2	3.3	301	361	10	7.5	23	yes	877
17 / 7:30	1.2	3.3	309	371	10	7.5	23	yes	854
18 / 7:30	1.2	3.3	298	357	10	7.5	23	yes	887
19 / 7:30	1.2	3.3	304	364	10	7.5	23	yes	870
20 / 7:30	1.4	3.3	307	430	10	7.5	31	yes	859
21 / 7:30	1.4	3.3	315	441	10	7.5	31	yes	839
22 / 7:30	1.0	3.3	326	326	10	7.5	22	yes	810
23 / 7:30	1.0	3.4	341	341	10	7.5	22	yes	798
24 / 7:30	1.0	3	349	349	10	7.5	22	yes	688
25 / 7:30	1.0	3.3	439	439	10	8.0	27	yes	602
26 / 7:30	1.0	3.3	398	398	10	8.0	27	yes	664
27 / 7:30	1.2	3.3	388	465	10	8.0	27	yes	681
28 / 7:30	1.2	3.3	380	456	10	8.0	27	yes	694
29 / 7:30	1.2	3.3	365	438	10	8.0	27	yes	723
30 / 7:30	1.2	3.3	369	442	10	8.0	27	yes	716
31 / 7:30	1.2	3.3	378	453	10	8.0	27	yes	699

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: 11-2-2021

CERT#: T-08549

PHONE#: (503)738-7809

DAILY TURBIDITY, CHLORINE, AND PRODUCTION REPORT

SYSTEM NAME: **Warrenton** ID# **4100932** PLANT OPERATOR: Dave Davis MONTH/YEAR Oct. 2021

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-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	1404	170	1234	2.0	0.02	12	2	306	20	1.2	1.1	7.2	0.6	7
2	7:30	1319	129	1190	1.6	0.02	11	2	303	20	1.2	1.2	7.2	0.6	7
3	7:30	1370	137	1233	1.6	0.02	11	2	316	21	1.3	1.2	7.3	0.6	7
4	7:30	1369	156	1213	1.5	0.02	11	1.8	276	18	1.3	1.2	7.3	0.6	7
5	7:30	1412	153	1259	1.9	0.02	11	1.8	283	19	1.3	1.2	7.3	0.6	7
6	7:30	1356	165	1191	1.7	0.02	11	1.8	271	18	1.3	1.2	7.2	0.4	7
7	7:30	1357	176	1181	1.4	0.02	10	1.6	251	17	1.2	1.2	7.3	0.5	7
8	7:30	1351	149	1202	1.2	0.02	10	1.6	245	16	1.2	1.2	7.4	0.6	7
9	7:30	1331	132	1199	1.0	0.02	10	1.6	222	15	1.2	1.2	7.4	0.7	7
10	7:30	1340	133	1207	3.0	0.02	11	1.6	229	15	1.2	1.1	7.2	0.7	7
11	7:30	1363	144	1219	1.5	0.02	10	1.7	242	16	1.2	1.1	7.3	0.7	7
12	7:30	1343	136	1207	1.1	0.02	9	1.7	250	17	1.2	1.1	7.4	0.7	7
13	7:30	1363	139	1224	1.7	0.02	9	1.6	246	16	1.2	1.1	7.4	0.7	7
14	7:30	1349	124	1225	1.9	0.02	10	1.6	236	16	1.2	1.2	7.3	0.7	7
15	7:30	1348	126	1222	1.5	0.02	11	1.6	253	17	1.1	1.1	7.3	0.6	7
16	7:30	1294	117	1177	1.3	0.02	11	1.7	258	17	1.1	1.1	7.4	0.6	7
17	7:30	1275	120	1155	4.6	0.02	11	1.7	259	17	1.1	1.1	7.1	0.6	7
18	7:30	1305	146	1159	2.2	0.02	10	1.7	252	17	1.2	1.1	7.2	0.6	7
19	7:30	1287	120	1167	1.7	0.02	10	1.6	248	17	1.2	1.2	7.2	0.6	7
20	7:30	1254	114	1140	2.7	0.02	10	1.5	234	16	1.4	1.2	7.1	0.6	7
21	7:30	1218	117	1101	2.2	0.02	11	1.5	225	15	1.4	1.2	7.2	0.6	7
22	7:30	1196	123	1073	1.9	0.02	11	1.7	239	16	1.0	1.1	7.2	0.6	7
23	7:30	1157	114	1043	2.3	0.02	11	1.9	248	17	1.0	1.0	7.3	0.7	7
24	7:30	433	76	357	0.9	0.03	12	2	94	6	1.0	1.0	7.1	0.7	7
25	7:30	1024	170	854	1.8	0.02	12	2	216	14	1.0	1.0	7.6	0.7	7
26	7:30	896	117	779	1.5	0.02	12	2.5	256	17	1.0	1.0	7.8	0.7	7
27	7:30	978	100	878	1.4	0.03	12	3	338	23	1.0	1.1	7.8	0.7	7
28	7:30	1026	99	927	1.3	0.03	12	2	314	21	1.4	1.2	7.7	0.6	7
29	7:30	1038	106	932	1.4	0.03	12	1.5	231	15	1.4	1.2	7.6	0.6	7
30	7:30	1065	104	961	1.3	0.03	12	1.8	237	16	1.3	1.2	7.7	0.5	7
31	7:30	1043	110	933	1.4	0.03	11	1.5	222	15	1.1	1.2	7.6	0.4	7
Total		37864	4022	33842	54.3	0.73	338	55.6	7800	520	36.7	35.3	228.1	19.2	N/A
Minimum		433	76	357	0.9	0.02	9	1.5	94	6	1.0	1.0	7.1	0.4	
Maximum		1412	176	1259	4.6	0.03	12	3	338	23	1.4	1.2	7.8	0.7	
Average		1221	130	1092	1.8	0.02	11	1.8	252	17	1.2	1.1	7.4	0.6	

DATE 11-2-2021 CERT#: **T-08549** PHONE #: **(503)738-7809** SIGNATURE: