


**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 **August 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	0.03	0.03	0.03
2	0.02	0.03	0.04	0.06	0.03	0.03	0.06
3	0.03	0.02	0.03	0.03	0.03	0.03	0.03
4	0.03	0.02	0.02	0.03	0.02	0.03	0.03
5	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6	0.03	0.03	0.03	0.05	0.07	0.03	0.07
7	0.03	0.03	0.03	0.03	0.04	0.03	0.04
8	0.03	0.02	0.03	0.03	0.03	0.03	0.03
9	0.05	0.03	0.03	0.05	0.03	0.03	0.05
10	0.03	0.03	0.03	0.03	0.04	0.04	0.04
11	0.03	0.03	0.03	0.03	0.04	0.03	0.04
12	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13	0.03	0.03	0.03	0.04	0.04	0.04	0.04
14	0.06	0.05	0.04	0.03	0.03	0.06	0.06
15	0.03	0.03	0.04	0.03	0.04	0.04	0.04
16	0.03	0.03	0.04	0.03	0.04	0.04	0.04
17	0.04	0.04	0.04	0.04	0.04	0.03	0.04
18	0.03	0.04	0.04	0.03	0.03	0.03	0.04
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23	0.04	0.04	0.03	0.04	0.03	0.04	0.04
24	0.03	0.03	0.03	0.03	0.03	0.04	0.04
25	0.03	0.03	0.03	0.03	0.03	0.04	0.04
26	0.04	0.03	0.04	0.04	0.04	0.04	0.04
27	0.04	0.04	0.04	0.04	0.04	0.04	0.04
28	0.04	0.04	0.03	0.04	0.04	0.04	0.04
29	0.04	0.04	0.04	0.04	0.04	0.04	0.04
30	0.04	0.03	0.04	0.04	0.04	0.04	0.04
31	0.04	0.03	0.04	0.04	0.04	0.04	0.04

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: 9-1-2022
	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 **August 2022**

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	139	167	15.0	7.5	15	yes	1900
2 / 7:30	1.2	3.3	138	166	15.0	7.5	15	yes	1906
3 / 7:30	1.2	3.3	110	132	15.0	7.5	15	yes	2392
4 / 7:30	1.2	3	148	178	15.0	7.5	15	yes	1622
5 / 7:30	1.2	3.3	123	147	15.0	7.5	15	yes	2151
6 / 7:30	1.2	3.3	115	138	15.0	7.5	15	yes	2293
7 / 7:30	1.2	3.3	118	142	15.0	7.5	15	yes	2234
8 / 7:30	1.2	3.2	97	116	15.0	7.5	15	yes	2647
9 / 7:30	1.2	3.3	141	169	15.0	7.5	15	yes	1877
10 / 7:30	1.2	3.3	116	139	15.0	7.5	15	yes	2280
11 / 7:30	1.2	3	95	114	15.0	7.5	15	yes	2523
12 / 7:30	1.2	2.8	101	121	15.0	7.5	15	yes	2228
13 / 7:30	1.2	3	102	122	15.0	7.5	15	yes	2359
14 / 7:30	1.2	3.3	157	188	15.0	7.5	15	yes	1687
15 / 7:30	1.2	3.3	133	160	15.0	7.5	15	yes	1982
16 / 7:30	1.2	3.3	125	150	15.0	7.5	15	yes	2119
17 / 7:30	1.2	3.2	158	190	15.0	7.5	15	yes	1619
18 / 7:30	1.2	3.3	117	141	15.0	7.5	15	yes	2249
19 / 7:30	1.2	3.3	102	122	15.0	7.5	15	yes	2597
20 / 7:30	1.2	2.6	116	139	15.0	7.5	15	yes	1800
21 / 7:30	1.2	3.3	175	209	15.0	7.5	15	yes	1513
22 / 7:30	1.2	3.3	113	136	15.0	7.5	15	yes	2331
23 / 7:30	1.2	3.3	121	145	15.0	7.5	15	yes	2180
24 / 7:30	1.2	3.3	152	183	15.0	7.5	15	yes	1732
25 / 7:30	1.2	3.3	140	168	15.0	7.5	15	yes	1891
26 / 7:30	1.2	3.3	146	175	15.0	7.5	15	yes	1811
27 / 7:30	1.2	3.3	124	149	15.0	7.5	15	yes	2121
28 / 7:30	1.2	3.3	163	196	15.0	7.5	15	yes	1617
29 / 7:30	1.2	3.3	144	173	15.0	7.5	15	yes	1833
30 / 7:30	1.2	3.3	117	141	15.0	7.5	15	yes	2248
31 / 7:30	1.2	3.3	148	177	15.0	7.5	15	yes	1786

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: 9-1-2022

CERT#: T-08549

PHONE#: (503) 738-7809

DAILY TURBIDITY, CHLORINE, AND PRODUCTION REPORT

SYSTEM NAME: **Warrenton** ID# **4100932** PLANT OPERATOR: Dave Davis MONTH/YEAR August 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	2421	228	2193	0.8	0.02	16	1.6	443	30	1.2	1.1	7.4	0.7	6
2	7:30	2413	241	2172	1.4	0.02	16	1.6	439	29	1.2	1.1	7.4	0.7	6
3	7:30	2560	240	2320	0.7	0.02	16	1.6	456	30	1.2	1.1	7.4	0.7	6
4	7:30	2132	206	1926	1.2	0.02	16	1.6	378	25	1.2	1.1	7.4	0.6	6
5	7:30	2810	286	2524	1.0	0.02	16	1.6	495	33	1.2	1.1	7.4	0.7	6
6	7:30	2521	262	2259	0.8	0.02	16	1.6	432	29	1.1	1.1	7.4	0.9	6
7	7:30	2770	266	2504	1.0	0.02	17	1.6	491	33	1.2	1.1	7.4	0.8	6
8	7:30	2767	261	2506	0.9	0.02	16	1.5	470	31	1.2	1.1	7.4	0.7	6
9	7:30	2539	268	2271	0.9	0.02	16	1.5	418	28	1.1	1.1	7.4	0.6	6
10	7:30	2737	252	2485	0.9	0.03	16	1.5	459	31	1.1	1.1	7.4	0.8	6
11	7:30	3006	294	2712	1.0	0.03	16	1.5	504	34	1.1	1.1	7.4	0.9	6
12	7:30	3331	314	3017	1.0	0.03	15	1.6	571	38	1.2	1.1	7.4	0.8	6
13	7:30	2803	279	2524	0.8	0.03	15	1.6	483	32	1.2	1.1	7.4	0.8	6
14	7:30	2111	220	1891	0.8	0.03	15	1.6	363	24	1.2	1.1	7.4	0.8	6
15	7:30	2518	240	2278	0.9	0.03	16	1.6	439	29	1.1	1.1	7.4	0.8	6
16	7:30	2556	258	2298	0.8	0.03	17	1.6	437	29	1.2	1.1	7.4	0.8	6
17	7:30	2421	313	2108	0.8	0.03	17	1.6	388	26	1.2	1.1	7.3	0.9	6
18	7:30	2623	287	2336	0.9	0.03	17	1.6	460	31	1.2	1.1	7.4	0.8	6
19	7:30	3178	316	2862	1.3	0.03	17	1.6	532	35	1.2	1.1	7.4	0.7	6
20	7:30	2419	255	2164	0.9	0.02	16	1.6	408	27	1.1	1.1	7.4	0.6	6
21	7:30	2063	247	1816	0.9	0.03	17	1.6	352	23	1.1	1.1	7.4	0.7	6
22	7:30	2587	255	2332	1.2	0.03	17	1.6	459	31	1.1	1.1	7.4	0.7	6
23	7:30	2515	230	2285	1.0	0.03	16	1.6	444	30	1.1	1.1	7.4	0.7	6
24	7:30	2123	194	1929	1.0	0.03	17	1.7	397	26	1.1	1.2	7.4	0.7	6
25	7:30	2391	215	2176	0.9	0.03	16	1.7	453	30	1.2	1.2	7.4	0.6	6
26	7:30	2435	230	2205	1.0	0.03	16	1.7	456	30	1.2	1.2	7.4	0.6	6
27	7:30	2538	250	2288	0.9	0.03	16	1.7	469	31	1.2	1.2	7.4	0.7	6
28	7:30	2132	220	1912	0.9	0.03	16	1.7	390	26	1.1	1.2	7.4	0.7	6
29	7:30	2427	243	2184	1.2	0.03	16	1.7	450	30	1.2	1.1	7.4	0.7	6
30	7:30	2676	260	2416	1.0	0.03	16	1.7	494	33	1.2	1.1	7.4	0.7	6
31	7:30	2302	232	2070	1.0	0.03	16	1.7	437	29	1.2	1.1	7.4	0.8	6
Total		78825	7862	70963	29.8	0.81	500	50	13867	923	35.8	34.6	229.5	22.8	N/A
Minimum		2063	194	1816	0.7	0.02	15	1.5	352	23	1.1	1.1	7.3	0.6	
Maximum		3331	316	3017	1.4	0.03	17	1.7	571	38	1.2	1.2	7.4	0.9	
Average		2543	254	2289	1.0	0.03	16	1.6	447	30	1.2	1.1	7.4	0.7	

DATE: 9-1-2022 CERT#: T-08549 PHONE #: (503) 738-7809 SIGNATURE: 