

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Douglas

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Feb-22

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading of the Day (1) NTU
1	0.011	Off	Off	0.011	Off	Off	0.011
2	Off	Off	Off	0.011	0.011	0.011	0.011
3	0.011	0.012	Off	0.011	Off	0.011	0.012
4	Off	Off	Off	Off	0.011	0.011	0.011
5	0.011	Off	0.011	0.011	Off	Off	0.011
6	Off	Off	Off	0.011	0.011	Off	0.011
7	0.011	0.011	0.011	0.011	0.011	Off	0.011
8	Off	0.011	0.012	0.011	0.011	0.011	0.012
9	Off	0.011	Off	0.011	0.011	0.011	0.011
10	0.011	Off	Off	0.011	0.011	Off	0.011
11	Off	Off	Off	0.011	0.011	0.011	0.011
12	Off	Off	Off	0.011	Off	0.011	0.011
13	Off	Off	0.011	0.011	0.011	Off	0.011
14	Off	Off	Off	0.011	0.011	Off	0.011
15	Off	Off	Off	0.011	0.011	0.011	0.011
16	Off	Off	Off	0.011	0.011	0.011	0.011
17	Off	Off	Off	Off	0.011	0.011	0.011
18	0.011	0.011	Off	0.011	0.011	Off	0.011
19	Off	Off	Off	0.011	0.011	0.011	0.011
20	Off	Off	Off	0.011	0.011	Off	0.011
21	Off	Off	Off	0.011	0.012	0.011	0.012
22	Off	Off	Off	0.011	0.012	Off	0.012
23	Off	Off	Off	0.012	0.012	0.012	0.012
24	0.012	Off	Off	Off	0.012	0.012	0.012
25	0.012	Off	Off	0.012	0.012	0.012	0.012
26	0.012	Off	Off	0.012	0.012	0.012	0.012
27	Off	Off	0.012	0.012	Off	0.012	0.012
28	Off	Off	Off	0.012	0.012	0.012	0.012

<b>Slow Sand (Membrane) DE Filtration/ Unfiltered</b> 95% of daily turbidity readings ≤ 1 NTU (2) <input checked="" type="checkbox"/> Yes / No All daily turbidity readings ≤ 5 NTU <input checked="" type="checkbox"/> Yes / No	<b>Monthly Summary (Answer Yes or No)</b> CT's met everyday? <input checked="" type="checkbox"/> Yes / No All CL2 residual at entry point ≥ 0.2 mg/l ? <input checked="" type="checkbox"/> Yes / No	
<b>Notes:</b>  	Printed Name: <b>Caleb Needles</b>	
	Signature: <i>Caleb L Needles</i>	Date: 3/4/2022
	Phone #: <b>541-672-5559</b>	Cert #: <b>T-09378</b>

(1) Including continous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM" through "8PM" may not correspond to continous readings maximum. (2) Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form								County: Douglas		Month/Year:	Feb-22
System Name:		Umpqua Basin Water Assoc			ID#: OR41 00719		WTP: A		Disinfection <i>Giardia</i> Log Inactive:		0.5
Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow		
		[ppm or mg/L]	[minutes]	C X T	[° C]	formula		Yes / No	[GPM]		
1	14:13	1.07	91.5	98	5.8	7.88	35.3	Yes	1,427		
2	15:45	1.04	91.5	95	6.1	7.83	33.7	Yes	1,510		
3	9:41	1.08	91.5	99	6.1	7.78	33.3	Yes	1,434		
4	13:17	1.05	91.5	96	5.5	7.81	35.0	Yes	1,505		
5	9:22	1.10	73	81	5.3	7.95	37.7	Yes	2,042		
6	9:58	0.98	73	71	5.7	7.86	34.8	Yes	1,749		
7	10:43	1.16	91.5	106	5.4	7.77	35.0	Yes	1,595		
8	11:45	1.28	73	93	5.3	7.87	37.2	Yes	2,004		
9	9:51	1.07	73	78	5.3	7.89	36.6	Yes	2,062		
10	9:54	1.03	64	66	5.6	7.90	35.8	Yes	2,159		
11	15:22	1.07	91.5	98	6.2	7.85	34.0	Yes	1,463		
12	8:25	1.02	73	74	6.4	7.92	34.0	Yes	1,818		
13	10:09	0.96	73	70	6.4	7.91	33.7	Yes	2,031		
14	8:42	0.97	73	71	6.4	8.01	35.2	Yes	2,026		
15	10:24	0.83	73	61	6.6	7.88	32.6	Yes	2,016		
16	13:10	1.00	73	73	7.0	7.99	33.6	Yes	2,038		
17	13:54	0.91	49.5	45	7.0	7.96	32.9	Yes	2,871		
18	16:50	1.03	73	75	6.5	7.86	33.1	Yes	1,786		
19	11:55	0.92	73	67	6.2	7.92	34.2	Yes	1,809		
20	16:22	0.95	73	69	6.7	7.84	32.3	Yes	2,025		
21	12:19	1.02	55	56	6.5	7.93	34.0	Yes	2,625		
22	15:52	0.96	64	61	6.6	7.88	33.1	Yes	2,191		
23	13:55	0.96	91.5	88	5.3	7.97	37.3	Yes	1,593		
24	16:37	0.92	73	67	4.8	7.88	37.0	Yes	1,791		
25	17:00	0.93	73	68	4.4	7.76	36.7	Yes	2,013		
26	10:00	0.94	73	69	3.6	7.95	41.4	Yes	2,020		
27	9:45	0.85	73	62	4.4	7.90	38.2	Yes	2,030		
28	16:42	0.97	91.5	89	7.4	7.88	31.3	Yes	1,477		

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.



**Umpqua Basin Water Association, Inc.**  
**Pressure Decay Tests / Membrane Integrity Tests**

**System ID #: 41-00719**

**Month/Year: Feb-22**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.305	8:45	4.228	9:15	4.230	
2	8:15	4.288	8:45	4.225	9:15	4.235	
3	8:15	4.291	8:45	4.216	9:15	4.245	
4	8:15	4.333	8:45	4.248	9:15	4.236	
5	8:15	4.313	8:45	4.230	9:15	4.241	
6	8:15	4.308	8:45	4.243	9:15	4.221	
7	8:15	4.313	8:45	4.235	9:15	4.237	
8	8:15	4.309	8:45	4.217	9:15	4.238	
9	8:15	4.304	8:45	4.229	9:15	4.253	
10	8:15	4.287	8:45	4.218	9:15	4.226	
11	8:15	4.263	8:45	4.203	9:15	4.230	
12	8:15	4.302	8:45	4.215	9:15	4.215	
13	8:15	4.283	8:45	4.227	9:15	4.211	
14	8:15	4.297	8:45	4.215	9:15	4.220	
15	8:15	4.296	8:45	4.217	9:15	4.228	
16	8:15	4.280	8:45	4.198	9:15	4.235	
17	8:15	4.282	8:45	4.200	9:15	4.221	
18	8:15	4.288	8:45	4.198	9:15	4.220	
19	8:15	4.290	8:45	4.213	9:15	4.218	
20	8:15	4.274	8:45	4.205	9:15	4.218	
21	8:15	4.300	8:45	4.188	9:15	4.215	
22	7:45	4.292	8:45	4.214	9:15	4.213	
23	7:45	4.275	8:45	4.203	9:15	4.197	
24	8:15	4.315	7:45	4.212	8:45	4.211	
25	8:15	4.324	7:45	4.180	8:45	4.209	
26	8:15	4.329	8:45	4.207	9:15	4.225	
27	8:15	4.295	8:45	4.205	9:15	4.220	
28	8:15	4.297	8:45	4.185	7:45	4.182	
<b>NIS = NOT IN SERVICE</b>							