

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Dec-21

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	Off	Off	Off	0.013	0.014	0.014	0.014
2	0.014	Off	Off	0.014	0.014	Off	0.014
3	Off	Off	Off	0.013	Off	0.013	0.013
4	0.014	Off	Off	Off	0.014	0.014	0.014
5	0.014	Off	0.014	0.014	Off	0.014	0.014
6	Off	Off	0.014	0.014	Off	Off	0.014
7	0.014	0.014	0.014	Off	Off	0.014	0.014
8	0.014	Off	0.014	0.014	0.014	0.014	0.014
9	Off	Off	Off	Off	0.014	0.014	0.014
10	Off	Off	Off	0.014	0.014	0.014	0.014
11	0.014	Off	Off	0.014	0.014	0.014	0.014
12	Off	Off	Off	0.014	0.014	0.014	0.014
13	Off	Off	Off	Off	0.014	0.014	0.014
14	Off	Off	Off	0.014	0.012	0.012	0.014
15	Off	Off	Off	Off	0.012	0.012	0.012
16	Off	Off	Off	0.012	0.012	0.012	0.012
17	Off	Off	Off	0.012	0.012	0.012	0.012
18	Off	Off	Off	0.012	0.012	0.012	0.012
19	Off	Off	Off	0.012	0.012	0.012	0.012
20	0.012	Off	0.012	Off	Off	Off	0.012
21	0.012	Off	Off	0.012	0.012	0.012	0.012
22	Off	Off	0.012	0.012	0.012	Off	0.012
23	Off	Off	Off	0.012	0.012	0.012	0.012
24	Off	Off	0.013	0.013	Off	0.013	0.013
25	Off	Off	0.013	0.013	0.013	0.014	0.014
26	0.013	0.013	Off	0.013	0.013	0.013	0.013
27	Off	Off	Off	0.013	0.013	0.013	0.013
28	Off	0.013	Off	0.012	0.011	0.012	0.013
29	Off	Off	0.011	0.011	0.011	0.012	0.012
30	off	off	off	0.011	0.011	0.011	0.011
31	off	off	off	0.011	0.012	0.011	0.012

<b>Slow Sand (Membrane) DE Filtration/ Unfiltered</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU (2)	<input checked="" type="checkbox"/> Yes / No	CT's met everyday?	All CL2 residual at entry point ≥ 0.2 mg/l ?
All daily turbidity readings ≤ 5 NTU	<input checked="" type="checkbox"/> Yes / No	<input checked="" type="checkbox"/> Yes / No	<input checked="" type="checkbox"/> Yes / No
<b>Notes:</b>	Printed Name: <b>Caleb L Needles</b>		
	Signature: <i>Caleb L Needles</i>	Date: 01/06/22	
	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:	Dec-21
System Name:		Umpqua Basin Water Assoc		ID#: OR41 00719		WTP: A		Disinfection Giardia 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]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]		
1	16:29	0.99	64	63	8.7	7.88	28.6	Yes	2,300		
2	16:14	0.87	64	56	8.4	7.95	29.5	Yes	2,155		
3	11:32	1.03	64	66	8.4	8.15	32.4	Yes	2,106		
4	16:18	1.07	64	68	9.1	7.92	28.6	Yes	2,250		
5	13:56	1.14	73	83	8.6	7.83	28.9	Yes	2,019		
6	20:25	1.03	110	113	8.1	7.82	29.3	Yes	1,228		
7	6:29	1.19	91.5	109	7.9	7.73	29.4	Yes	1,396		
8	16:25	0.98	73	71	8.5	7.78	28.0	Yes	1,803		
9	17:47	0.91	73	66	7.7	7.94	31.0	Yes	2,033		
10	15:45	0.99	91.5	90	7.6	7.81	30.2	Yes	1,484		
11	12:02	1.12	55	62	7.1	7.92	32.9	Yes	2,641		
12	11:19	1.09	73	80	6.8	7.85	32.6	Yes	2,033		
13	13:24	0.99	64	63	7.2	7.61	28.9	Yes	2,278		
14	13:49	0.94	91.5	86	7.2	7.59	28.5	Yes	1,454		
15	17:32	1.09	73	80	6.2	7.65	31.7	Yes	2,018		
16	13:52	1.12	73	82	6.4	7.67	31.6	Yes	2,025		
17	12:40	1.06	91.5	97	6.6	7.75	31.8	Yes	1,661		
18	11:59	1.02	91.5	93	6.6	7.79	32.2	Yes	1,657		
19	22:29	0.93	55	51	8.2	7.48	25.6	Yes	2,648		
20	9:24	1.09	165	179	7.4	7.67	29.3	Yes	802		
21	10:20	0.99	64	63	7.8	7.67	28.3	Yes	2,093		
22	10:12	0.92	64	59	7.2	7.64	28.9	Yes	2,302		
23	11:28	1.02	73	75	7.4	7.73	29.8	Yes	2,055		
24	9:19	1.06	73	77	7.1	7.75	30.7	Yes	1,818		
25	22:41	0.97	73	71	6.0	7.68	31.9	Yes	2,045		
26	19:32	0.99	73	72	4.8	7.68	34.8	Yes	1,837		
27	15:42	0.98	73	72	4.3	7.63	35.2	Yes	2,028		
28	11:32	0.98	73	72	4.0	7.72	37.2	Yes	1,799		
29	12:47	1.02	73	74	4.4	7.71	36.2	Yes	2,034		
30	9:30	0.96	73	70	4.5	7.84	37.6	Yes	2,035		
31	10:34	0.96	73	70	4.7	7.76	36.0	Yes	2,037		

<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: Dec-21**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.262	8:45	4.138	7:45	4.138	
2	8:15	4.175	8:45	4.072	7:45	4.136	
3	7:45	4.135	8:45	4.046	9:15	4.164	
4	7:45	4.227	8:45	4.125	9:15	4.177	
5	8:15	4.272	8:45	4.116	9:15	4.187	
6	8:15	4.284	8:45	4.126	9:15	4.187	
7	8:15	4.277	8:45	4.109	9:15	4.186	
8	8:15	4.292	8:45	4.115	9:15	4.173	
9	8:15	4.295	8:45	4.128	9:15	4.187	
10	8:15	4.301	8:45	4.150	9:15	4.190	
11	8:15	4.292	8:45	4.126	9:15	4.198	
12	8:15	4.285	8:45	4.118	9:15	4.202	
13	8:15	4.278	8:45	4.193	9:15	4.176	
14	8:15	4.281	8:45	4.145	9:15	4.188	
15	8:15	4.299	9:30	4.152	9:15	4.194	
16	8:15	4.277	8:45	4.153	9:15	4.198	
17	8:15	4.289	8:45	4.155	9:15	4.204	
18	8:15	4.309	8:45	4.160	9:15	4.194	
19	8:15	4.302	8:45	4.157	9:15	4.195	
20	8:15	4.184	8:45	4.142	9:15	4.123	
21	8:15	4.290	8:45	4.141	9:15	4.215	
22	8:15	4.283	8:45	4.173	9:15	4.192	
23	8:15	4.316	8:45	4.172	9:15	4.197	
24	8:15	4.274	8:45	4.169	9:15	4.198	
25	8:15	4.313	8:45	4.176	9:15	4.182	
26	8:15	4.282	8:45	4.177	9:15	4.845	
27	8:15	4.305	8:45	4.178	9:15	4.209	
28	8:15	4.326	8:45	4.178	9:15	4.188	
29	8:15	4.322	8:45	4.173	9:15	4.191	
30	8:15	4.303	8:45	4.165	9:15	4.197	
31	8:15	4.313	8:45	4.174	9:15	4.212	

**NIS = NOT IN SERVICE**