

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Jan-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	Off	Off	Off	0.012	0.012	0.012	0.012
2	Off	Off	Off	0.012	0.012	0.012	0.012
3	Off	Off	Off	0.012	0.012	Off	0.012
4	Off	Off	Off	0.012	0.012	Off	0.012
5	0.012	Off	Off	0.012	0.012	0.012	0.012
6	Off	Off	Off	0.012	0.012	0.013	0.013
7	0.013	Off	Off	0.013	0.013	0.013	0.013
8	0.013	Off	0.013	0.013	0.013	0.013	0.013
9	Off	Off	0.013	0.013	Off	0.013	0.013
10	0.013	Off	Off	0.013	0.013	0.013	0.013
11	0.013	Off	Off	Off	0.013	0.013	0.013
12	0.013	Off	Off	0.012	0.012	0.012	0.013
13	Off	Off	0.012	0.011	0.012	Off	0.012
14	Off	Off	Off	0.011	0.011	0.011	0.011
15	Off	Off	Off	0.011	0.011	0.011	0.011
16	Off	0.011	0.011	0.011	Off	0.011	0.011
17	Off	Off	0.011	0.011	0.012	Off	0.012
18	Off	Off	Off	0.011	0.011	0.011	0.011
19	Off	Off	Off	0.011	0.011	Off	0.011
20	0.011	0.011	Off	Off	Off	0.011	0.011
21	0.011	0.011	Off	Off	Off	Off	0.011
22	0.011	0.011	0.011	0.011	Off	Off	0.011
23	Off	Off	Off	0.011	0.011	0.011	0.011
24	0.011	Off	Off	0.011	0.011	Off	0.011
25	Off	Off	Off	0.011	0.011	Off	0.011
26	Off	Off	Off	0.011	Off	Off	0.011
27	Off	Off	0.011	0.011	0.011	0.011	0.011
28	0.011	Off	Off	Off	Off	Off	0.011
29	0.011	0.011	0.011	0.011	0.011	0.011	0.011
30	Off	Off	Off	0.011	0.011	Off	0.011
31	Off	Off	Off	0.011	0.011	0.011	0.011

<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 Needles</b>		
	Signature: <i>Caleb L Needles</i>	Date: 2/4/2022	
	Phone #: <b>541-672-5559</b>	Cert #: <b>T-08919</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: Jan-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	10:57	0.98	73	71	4.9	7.80	36.1	Yes	2,040
2	10:34	0.96	73	70	4.3	7.78	37.1	Yes	2,055
3	11:50	1.01	55	56	5.0	7.83	36.3	Yes	2,607
4	10:44	0.88	73	64	5.7	7.69	32.4	Yes	1,840
5	12:42	1.07	73	78	7.3	7.53	28.0	Yes	2,040
6	10:09	1.05	73	77	7.7	7.46	26.6	Yes	2,038
7	12:30	0.99	73	72	7.9	7.53	26.6	Yes	2,041
8	18:00	0.99	73	72	7.5	7.48	26.9	Yes	2,045
9	8:21	1.05	73	77	6.9	7.41	27.6	Yes	2,039
10	14:45	1.00	110	110	6.9	7.61	29.4	Yes	1,372
11	19:55	1.01	73	74	7.3	7.52	27.8	Yes	2,045
12	0:28	0.98	91.5	90	7.2	7.67	29.5	Yes	1,564
13	8:34	1.07	73	78	6.9	7.44	27.8	Yes	1,817
14	12:54	0.96	91.5	88	7.4	7.65	28.8	Yes	1,622
15	15:12	1.08	73	79	7.1	7.68	30.2	Yes	2,020
16	11:56	1.06	91.5	97	6.2	7.63	31.4	Yes	1,397
17	10:39	1.01	73	74	5.9	7.69	32.4	Yes	2,028
18	11:00	1.02	64	65	5.8	7.75	33.5	Yes	2,244
19	12:27	1.02	73	74	6.6	7.74	31.5	Yes	2,035
20	8:52	1.04	91.5	95	7.6	7.63	28.5	Yes	1,391
21	9:09	1.07	91.5	97	7.3	7.65	29.2	Yes	1,401
22	11:15	1.06	73	77	6.9	7.70	30.6	Yes	2,036
23	8:46	0.89	110	98	6.5	7.51	28.7	Yes	1,231
24	13:30	1.03	64	66	5.0	7.73	35.0	Yes	2,243
25	10:49	0.85	73	62	4.9	7.58	32.6	Yes	1,806
26	10:06	1.03	73	75	4.8	7.74	35.7	Yes	2,062
27	9:56	1.09	55	60	4.2	7.77	37.8	Yes	2,625
28	9:24	1.01	91.5	93	4.1	7.81	38.3	Yes	1,395
29	12:30	1.10	73	80	4.2	7.70	37.1	Yes	2,024
30	14:02	1.11	73	81	4.4	7.79	37.6	Yes	1,998
31	10:32	0.98	55	54	4.8	7.85	37.0	Yes	2,608

<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: Jan-22**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.320	8:45	4.167	9:15	4.199	
2	8:15	4.323	8:45	4.149	9:15	4.209	
3	8:15	4.307	8:45	4.151	9:15	4.201	
4	8:15	4.296	8:45	4.164	9:15	4.183	
5	8:15	4.261	8:45	4.150	9:15	4.193	
6	8:15	4.274	8:45	4.171	9:15	4.195	
7	8:15	4.250	8:45	4.155	9:15	4.182	
8	8:15	4.267	8:45	4.169	9:15	4.179	
9	8:15	4.275	8:45	4.171	9:15	4.182	
10	8:15	4.274	8:45	4.174	7:45	4.194	
11	8:15	4.261	8:45	4.163	7:45	4.190	
12	7:45	4.257	8:45	4.164	9:15	4.236	
13	7:45	4.254	8:45	4.169	9:15	4.223	
14	8:15	4.262	7:45	4.135	8:45	4.237	
15	8:15	4.292	6:30	4.129	9:15	4.235	
16	8:15	4.308	8:45	4.212	9:15	4.237	
17	8:15	4.320	8:45	4.224	9:15	4.242	
18	8:15	4.316	8:45	4.220	9:15	4.236	
19	8:15	4.293	8:45	4.234	9:15	4.227	
20	8:15	4.309	8:45	4.231	9:15	4.234	
21	8:15	4.295	8:45	4.225	9:15	4.226	
22	8:15	4.312	8:45	4.228	9:15	4.229	
23	8:15	4.322	8:45	4.248	9:15	4.238	
24	8:15	4.324	8:45	4.231	9:15	4.246	
25	8:15	4.306	8:45	4.238	9:15	4.254	
26	8:15	4.301	8:45	4.258	9:15	4.261	
27	8:15	4.332	8:45	4.253	9:15	4.258	
28	8:15	4.308	8:45	4.239	9:15	4.261	
29	8:15	NIS	8:45	4.230	9:15	4.235	
30	8:15	NIS	8:45	4.245	9:15	4.248	
31	8:30	4.279	8:45	4.240	9:15	4.239	

**NIS = NOT IN SERVICE**