

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Aug-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	0.012	0.012	0.012	0.012	0.012	0.012	0.012
2	0.012	0.012	0.012	0.012	0.012	0.012	0.012
3	0.012	0.012	0.012	0.012	0.012	0.012	0.012
4	0.012	0.012	0.012	0.012	0.012	0.012	0.012
5	0.013	0.013	0.012	0.012	0.012	0.013	0.013
6	0.013	0.013	0.012	0.012	0.012	0.013	0.013
7	0.013	0.013	0.013	0.012	0.013	0.013	0.013
8	0.013	0.013	0.013	Off	0.013	0.013	0.013
9	0.014	0.013	0.013	0.013	0.013	0.014	0.014
10	0.014	0.014	0.013	0.013	0.013	0.014	0.014
11	0.014	0.013	0.013	0.013	0.014	0.014	0.014
12	0.014	0.014	Off	0.014	0.012	0.012	0.014
13	0.012	0.012	0.012	0.012	0.012	0.012	0.012
14	0.012	0.012	0.012	0.012	0.011	0.012	0.012
15	0.012	0.012	0.012	0.011	0.012	0.012	0.012
16	0.012	0.012	0.012	0.012	0.013	0.012	0.013
17	0.013	0.012	0.012	0.012	0.012	0.012	0.013
18	0.012	0.012	0.012	0.012	0.013	0.012	0.013
19	Off	0.012	0.012	0.011	0.013	0.012	0.013
20	0.013	0.012	0.012	0.012	0.013	0.013	0.013
21	0.013	off	off	0.013	0.013	0.013	0.013
22	0.013	0.013	0.013	0.013	0.013	0.013	0.013
23	0.013	0.013	0.013	0.012	0.013	0.012	0.013
24	0.013	0.012	0.013	0.012	0.013	0.013	0.013
25	0.012	0.012	0.012	0.012	0.012	0.012	0.012
26	0.013	0.012	0.012	0.012	0.013	0.012	0.013
27	0.012	0.012	0.012	0.012	0.012	0.012	0.012
28	0.012	0.012	0.012	0.012	0.012	0.012	0.012
29	0.012	0.012	0.012	0.012	0.012	0.012	0.012
30	0.012	off	0.012	0.012	0.012	0.012	0.012
31	0.012	0.012	0.012	0.012	0.012	0.012	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? <input checked="" type="checkbox"/> Yes / No	All CL2 residual at entry point ≥ 0.2 mg/l ? <input checked="" type="checkbox"/> Yes / No	
All daily turbidity readings ≤ 5 NTU <input checked="" type="checkbox"/> Yes/ No	Printed Name: <b>Caleb L Needles</b>		
<b>Notes:</b>	Signature: <i>Caleb L Needles</i>	Date: 09/04/21	
	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: Aug-21
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	8:11	0.95	49.5	47	24.0	7.75	9.8	Yes	2,987
2	6:25	1.00	55	55	24.7	8.06	10.5	Yes	2,508
3	15:20	0.80	55	44	25.1	7.66	8.6	Yes	2,639
4	18:00	1.01	55	56	25.6	8.22	10.5	Yes	2,635
5	13:58	0.84	64	54	23.7	7.65	9.5	Yes	2,372
6	23:50	1.03	64	66	23.7	8.54	13.6	Yes	2,276
7	16:56	0.94	64	60	25.0	7.89	9.6	Yes	2,302
8	20:00	0.94	64	60	24.9	8.29	11.3	Yes	2,324
9	10:05	0.75	64	48	24.2	8.07	10.7	Yes	2,409
10	15:47	0.73	64	47	23.9	7.64	9.2	Yes	2,259
11	6:57	0.89	55	49	23.1	8.04	11.5	Yes	2,717
12	9:46	0.91	55	50	23.6	8.32	12.4	Yes	2,715
13	13:52	0.77	64	49	23.6	7.55	9.1	Yes	2,329
14	11:26	0.91	73	66	22.7	7.72	10.5	Yes	2,039
15	17:50	0.81	73	59	24.2	7.54	8.8	Yes	2,036
16	0:23	1.02	73	74	24.0	8.49	13.0	Yes	2,029
17	10:27	0.82	55	45	22.4	7.82	11.0	Yes	2,443
18	11:29	0.77	73	56	20.9	7.69	11.5	Yes	2,052
19	14:44	0.75	64	48	21.9	7.62	10.5	Yes	2,334
20	15:22	0.92	64	59	22.2	7.63	10.6	Yes	2,299
21	17:29	0.84	73	61	22.4	7.74	10.7	Yes	2,047
22	18:33	0.90	73	66	21.9	7.72	11.1	Yes	2,042
23	16:32	0.84	73	61	21.0	7.67	11.5	Yes	1,888
24	16:24	0.86	73	63	20.7	7.71	12.0	Yes	2,044
25	16:19	0.90	64	58	20.4	7.70	12.1	Yes	2,205
26	16:02	0.91	64	58	20.6	7.63	11.7	Yes	2,149
27	16:07	0.95	64	61	21.2	7.65	11.4	Yes	2,387
28	16:22	0.99	64	63	21.0	7.61	11.4	Yes	2,330
29	16:04	0.87	73	63	21.3	7.61	11.0	Yes	2,042
30	20:00	0.95	73	69	21.3	7.85	12.2	Yes	2,042
31	6:41	0.88	73	64	19.3	8.05	14.8	Yes	2,077

<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: Aug-21**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.252	8:45	4.320	9:15	4.193	
2	8:15	4.235	8:45	4.270	9:15	4.175	
3	8:15	4.283	8:45	4.275	9:15	4.152	
4	8:15	4.283	8:45	4.290	9:15	4.170	
5	8:15	4.264	8:45	4.306	9:15	4.177	
6	8:15	4.271	8:45	4.306	9:15	4.177	
7	8:15	4.245	8:45	Off	9:15	4.158	
8	8:15	4.242	8:45	NA	9:15	4.154	
9	8:15	4.234	8:45	4.312	9:15	4.157	
10	8:15	4.233	8:45	4.314	9:15	4.167	
11	8:15	4.223	8:45	4.265	9:15	4.139	
12	8:15	4.233	8:45	4.295	9:15	4.167	
13	8:15	4.247	8:45	4.280	9:15	4.162	
14	8:15	4.248	8:45	4.294	9:15	4.171	
15	8:15	4.242	8:45	4.309	9:15	4.176	
16	8:15	4.238	8:45	4.273	9:15	4.161	
17	8:15	4.239	8:45	4.287	9:15	4.188	
18	8:15	4.247	8:45	4.290	9:15	4.171	
19	8:15	4.255	8:45	4.275	9:15	4.144	
20	8:15	4.217	8:45	4.285	9:15	4.159	
21	8:15	4.279	8:45	4.297	9:15	4.189	
22	8:15	4.246	8:45	4.304	9:15	4.174	
23	7:45	4.237	8:45	4.273	9:15	4.158	
24	7:45	4.284	8:45	4.301	9:15	4.174	
25	8:15	4.303	7:45	4.295	9:15	4.192	
26	8:15	4.292	7:45	4.120	9:15	4.153	
27	8:15	4.303	8:45	4.147	7:45	4.172	
28	8:15	4.269	8:45	4.118	7:45	4.214	
29	8:15	4.287	8:45	4.099	9:15	4.206	
30	8:15	4.306	8:45	4.077	9:15	4.189	
31	8:15	4.287	7:45	4.094	9:15	4.191	

**NIS = NOT IN SERVICE**