

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Nov-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	0.014	Off	0.014	0.015	0.015
2	Off	Off	0.014	0.014	0.015	Off	0.015
3	Off	Off	0.014	Off	0.015	0.015	0.015
4	0.015	Off	0.015	0.015	0.015	Off	0.015
5	0.015	0.015	0.015	0.015	Off	Off	0.015
6	Off	0.016	Off	0.015	Off	0.015	0.016
7	0.016	Off	0.016	Off	Off	0.016	0.016
8	0.016	0.016	0.016	0.012	0.012	Off	0.016
9	Off	Off	0.012	0.012	0.012	Off	0.012
10	0.012	Off	Off	0.012	0.012	0.012	0.012
11	Off	Off	0.012	0.012	0.012	Off	0.012
12	Off	Off	Off	0.012	0.012	0.012	0.012
13	Off	Off	Off	0.012	0.012	Off	0.012
14	Off	Off	Off	0.013	0.013	0.013	0.013
15	0.013	Off	Off	0.013	0.013	Off	0.013
16	Off	Off	Off	0.013	0.014	0.013	0.014
17	Off	Off	0.014	Off	Off	0.013	0.014
18	Off	Off	Off	0.013	0.014	Off	0.014
19	Off	Off	Off	0.014	0.014	0.014	0.014
20	Off	Off	Off	0.014	0.014	0.014	0.014
21	Off	Off	Off	0.014	Off	Off	0.014
22	Off	Off	Off	0.012	0.012	0.012	0.012
23	Off	Off	Off	0.012	0.012	Off	0.012
24	Off	Off	Off	0.012	0.012	Off	0.012
25	Off	Off	0.012	0.012	Off	Off	0.012
26	Off	Off	0.012	0.012	0.012	Off	0.012
27	Off	Off	Off	0.012	0.012	Off	0.012
28	Off	Off	Off	0.012	0.013	0.013	0.013
29	0.013	Off	0.013	0.013	0.014	0.013	0.014
30	Off	Off	0.013	Off	0.013	0.013	0.013

<b>Slow Sand / <del>Membrane</del> / 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: 12/06/21
		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:	Nov-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	20:37	1.08	73	79	11.8	7.60	21.4	Yes	1,961
2	9:00	1.12	73	81	11.6	7.71	22.5	Yes	2,047
3	14:52	1.13	91.5	103	12.0	7.69	21.8	Yes	1,493
4	15:14	1.19	91.5	109	12.2	7.61	21.1	Yes	1,401
5	8:32	1.21	73	88	11.3	7.65	22.8	Yes	2,029
6	20:51	0.88	110	96	10.7	7.59	22.3	Yes	1,253
7	19:55	1.13	73	82	9.8	7.65	24.9	Yes	2,061
8	15:41	1.03	64	66	8.9	7.44	24.3	Yes	2,154
9	8:39	0.91	110	100	8.9	7.49	24.4	Yes	1,388
10	9:59	0.96	91.5	88	8.6	7.66	26.6	Yes	1,482
11	11:20	1.03	73	75	9.5	7.73	25.9	Yes	2,045
12	10:42	0.91	73	66	10.5	7.50	22.0	Yes	2,016
13	12:22	1.03	73	75	11.2	7.54	21.6	Yes	2,012
14	11:10	0.99	73	72	11.6	7.55	21.1	Yes	1,847
15	13:47	1.15	73	84	11.1	7.69	23.3	Yes	2,038
16	16:05	0.96	73	70	9.7	7.61	24.2	Yes	2,040
17	11:02	1.12	64	72	8.5	7.79	28.6	Yes	2,202
18	14:29	1.07	73	78	7.4	7.68	29.3	Yes	2,006
19	16:54	1.09	73	80	8.4	7.77	28.5	Yes	2,046
20	9:56	0.98	64	63	8.1	7.69	27.9	Yes	2,184
21	9:37	1.01	73	74	8.2	7.99	31.1	Yes	2,036
22	11:45	0.97	64	62	7.0	7.83	31.4	Yes	2,305
23	10:50	0.90	73	66	6.7	7.98	33.7	Yes	2,059
24	10:40	0.98	73	72	6.4	7.97	34.7	Yes	2,030
25	6:41	0.89	73	65	6.3	7.88	33.5	Yes	2,039
26	10:30	0.88	73	64	6.6	7.99	34.0	Yes	2,023
27	10:30	0.92	73	67	7.3	8.00	32.6	Yes	2,042
28	9:54	0.87	73	64	8.1	7.87	29.3	Yes	2,056
29	16:12	0.95	91.5	87	9.5	7.83	26.6	Yes	1,428
30	16:04	1.01	73	74	9.2	7.84	27.3	Yes	2,030

<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: Nov-21**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.277	8:45	4.150	9:15	4.213	
2	8:15	4.271	8:45	4.117	9:15	4.189	
3	8:15	4.291	8:45	4.122	9:15	4.198	
4	8:15	4.297	8:45	4.139	14:25	4.203	
5	8:15	4.288	8:45	4.138	9:15	4.194	
6	8:15	4.314	8:45	4.150	9:15	4.198	
7	7:15	4.304	7:45	4.134	8:15	4.212	
8	7:15	4.299	7:45	4.150	8:15	4.196	
9	8:15	4.280	8:45	4.148	9:15	4.200	
10	8:15	4.327	8:45	4.166	9:15	4.212	
11	8:15	4.321	8:45	4.156	9:15	4.188	
12	8:15	4.248	8:45	NIS	9:15	4.165	
13	8:15	4.247	8:45	NIS	9:15	4.179	
14	8:15	4.248	8:45	NIS	9:15	4.165	
15	8:15	4.254	8:45	4.105	9:15	4.170	
16	8:15	4.278	8:45	4.179	9:15	4.171	
17	8:15	4.315	8:45	4.161	9:15	4.184	
18	8:15	4.319	8:45	4.206	9:15	4.185	
19	8:15	4.269	8:45	4.151	9:15	4.198	
20	8:15	4.311	8:45	4.158	9:15	4.184	
21	8:15	4.299	8:45	4.164	9:15	4.195	
22	8:15	4.301	8:45	4.189	9:15	4.202	
23	8:15	4.283	8:45	4.161	9:15	4.195	
24	8:15	4.307	8:45	4.172	9:15	4.198	
25	8:15	4.298	8:45	4.163	9:15	4.183	
26	8:15	4.306	8:45	4.167	9:15	4.194	
27	8:15	4.290	8:45	4.159	9:15	4.189	
28	8:15	4.329	8:45	4.139	9:15	4.165	
29	8:15	4.252	7:45	4.144	8:45	4.180	
30	8:15	4.264	7:45	4.137	8:45	4.165	

**NIS = NOT IN SERVICE**