

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Apr-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	0.013	0.013	0.013	Off	0.013
2	Off	Off	0.013	0.013	0.013	0.013	0.013
3	Off	Off	Off	0.013	0.013	0.014	0.014
4	Off	Off	Off	0.013	0.014	0.014	0.014
5	Off	Off	Off	0.014	0.014	Off	0.014
6	Off	Off	0.014	0.014	0.014	Off	0.014
7	Off	Off	Off	0.011	0.011	0.011	0.011
8	0.011	Off	Off	0.011	0.011	0.011	0.011
9	Off	Off	Off	0.011	0.011	0.011	0.011
10	Off	Off	Off	0.012	0.012	Off	0.012
11	Off	Off	Off	0.012	0.012	0.012	0.012
12	Off	Off	Off	0.012	0.012	0.012	0.012
13	Off	Off	Off	0.012	0.012	0.012	0.012
14	Off	Off	Off	0.012	0.012	0.012	0.012
15	Off	Off	Off	0.012	0.012	Off	0.012
16	Off	Off	Off	0.012	Off	Off	0.012
17	Off	0.012	0.012	0.012	0.012	0.012	0.012
18	Off	Off	Off	0.012	0.012	0.012	0.012
19	0.012	Off	Off	0.012	0.012	0.012	0.012
20	Off	Off	Off	0.012	0.013	Off	0.013
21	0.012	0.012	Off	Off	Off	0.013	0.013
22	Off	Off	Off	0.012	0.012	0.012	0.012
23	0.012	0.012	Off	0.012	Off	Off	0.012
24	Off	Off	0.012	0.012	0.012	0.012	0.012
25	Off	Off	Off	0.012	0.012	Off	0.012
26	Off	Off	Off	0.012	0.012	0.012	0.012
27	Off	Off	Off	0.012	0.012	Off	0.012
28	Off	Off	0.012	0.012	0.012	Off	0.012
29	Off	Off	Off	0.012	0.012	Off	0.012
30	Off	Off	0.012	0.012	0.013	Off	0.013

<b>Slow Sand / <del>Membrane</del> / DE Filtration/ Unfiltered</b> 95% of daily turbidity readings ≤ 1 NTU (2) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No All daily turbidity readings ≤ 5 NTU <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Monthly Summary (Answer Yes or No)</b> CT's met everyday? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No All CL2 residual at entry point ≥ 0.2 mg/l ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Notes:</b>  	Printed Name: <b>Caleb Needles</b>	
	Signature: <i>Caleb L Needles</i>	Date: 5/5/2022
	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: Apr-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	14:08	0.94	73	69	11.1	7.80	23.6	Yes	2,078
2	14:04	1.03	73	75	11.3	7.80	23.6	Yes	2,030
3	12:32	1.03	73	75	11.0	7.90	24.9	Yes	1,989
4	13:20	1.09	73	80	11.2	7.88	24.5	Yes	1,847
5	9:18	0.94	73	69	10.0	7.70	24.4	Yes	2,025
6	9:44	0.85	64	54	8.6	7.68	26.5	Yes	2,271
7	14:34	0.98	91.5	90	10.2	7.72	24.6	Yes	1,473
8	14:21	1.12	91.5	102	11.7	7.87	23.7	Yes	1,495
9	10:34	1.04	55	57	10.7	7.92	25.5	Yes	2,595
10	10:12	1.00	73	73	10.8	7.89	25.0	Yes	2,025
11	10:12	0.90	73	66	9.6	7.80	26.0	Yes	1,999
12	11:22	0.87	73	64	7.1	7.88	31.6	Yes	2,002
13	11:36	0.80	55	44	7.0	7.76	30.2	Yes	2,646
14	14:42	0.92	64	59	7.9	7.77	28.7	Yes	2,217
15	10:04	0.76	73	55	7.6	7.66	27.8	Yes	2,047
16	11:40	0.88	91.5	81	8.2	7.80	28.4	Yes	1,389
17	11:20	1.11	73	81	7.5	7.80	30.6	Yes	1,994
18	16:27	1.04	91.5	95	8.6	7.81	28.4	Yes	1,577
19	10:52	1.15	55	63	8.9	7.92	29.3	Yes	2,618
20	16:00	1.01	91.5	92	8.5	7.76	27.9	Yes	1,558
21	12:32	0.99	91.5	91	8.6	7.79	28.0	Yes	1,389
22	14:38	0.88	91.5	81	9.8	7.83	25.8	Yes	1,493
23	9:24	0.95	91.5	87	9.3	7.80	26.6	Yes	1,407
24	8:34	0.88	64	56	10.5	7.73	23.8	Yes	2,333
25	11:07	0.96	64	61	10.1	8.00	27.1	Yes	2,239
26	13:17	0.94	91.5	86	9.8	7.86	26.2	Yes	1,501
27	11:49	1.04	73	76	10.0	8.01	27.7	Yes	2,078
28	10:02	1.11	64	71	9.7	7.95	27.8	Yes	2,259
29	9:36	0.81	73	59	10.3	7.91	25.4	Yes	2,016
30	7:54	0.85	73	62	10.8	7.92	24.8	Yes	2,018

<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: Apr-22**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	7:45	4.259	8:45	4.182	9:15	4.196	
2	7:45	4.223	8:45	4.161	9:15	4.189	
3	8:15	4.258	8:45	4.164	9:15	4.191	
4	8:15	4.235	8:45	4.148	9:15	4.184	
5	8:15	4.258	8:45	4.166	9:15	4.209	
6	8:15	4.269	8:45	4.180	9:15	4.224	
7	8:15	4.231	8:45	4.153	9:15	4.198	
8	8:15	4.258	8:45	4.144	9:15	4.200	
9	8:15	4.281	8:45	4.152	9:15	4.185	
10	8:15	4.257	8:45	4.174	9:15	4.216	
11	8:15	4.281	8:45	4.179	9:15	4.213	
12	8:15	4.278	8:45	4.210	9:15	4.191	
13	8:15	4.272	8:45	4.200	9:15	4.204	
14	8:15	4.278	8:45	4.190	9:15	4.203	
15	8:15	4.279	8:45	4.177	9:15	4.203	
16	8:15	4.284	8:45	4.169	9:15	4.213	
17	8:15	4.267	10:00	4.177	9:15	4.219	
18	8:15	4.292	8:45	4.192	9:15	4.216	
19	8:15	4.285	8:45	4.185	9:15	4.204	
20	8:15	4.268	8:45	4.191	9:15	4.196	
21	8:15	4.285	8:45	4.183	9:15	4.204	
22	8:15	4.261	8:45	4.186	9:15	4.186	
23	8:15	4.267	8:45	4.188	9:15	4.205	
24	8:15	4.255	8:45	4.159	9:15	4.193	
25	8:15	4.254	8:45	4.148	9:15	4.181	
26	8:15	4.253	8:45	4.164	9:15	4.200	
27	8:15	4.265	8:45	4.165	9:15	4.192	
28	8:15	4.261	8:45	4.158	9:15	4.175	
29	8:15	4.245	8:45	4.162	9:15	4.191	
30	8:15	4.264	8:45	4.169	9:15	4.185	

**NIS = NOT IN SERVICE**