

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

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

Slow Sand <u>Membrane</u> DE Filtration/ Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU (2) <u>Yes</u> / No	CT's met everyday? <u>Yes</u> / No	All CL2 residual at entry point ≥ 0.2 mg/l ? <u>Yes</u> / No
All daily turbidity readings ≤ 5 NTU <u>Yes</u> / No		
Notes:	Printed Name: <b>Caleb L Needles</b>	
	Signature: <i>Caleb L Needles</i>	Date: 4/2/2021
	Phone #: <b>541-672-5559</b>	Cert #: <b>T-09378</b>

(1) Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12AM" through "8PM" may not correspond to continuous readings maximum. (2) Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form								County: Douglas	Month/Year: Mar-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	18:38	1.02	91.5	93	7.8	7.52	26.9	Yes	1,569
2	9:24	0.99	55	54	7.5	7.56	27.7	Yes	2,748
3	13:15	1.08	55	59	7.4	7.51	27.6	Yes	2,626
4	9:59	1.13	64	72	7.0	7.67	30.3	Yes	2,145
5	13:59	1.05	73	77	7.0	7.47	28.0	Yes	2,034
6	10:00	1.04	73	76	6.9	7.54	28.9	Yes	2,034
7	8:47	0.86	73	62	7.4	7.45	26.3	Yes	2,038
8	7:11	1.10	73	80	7.5	7.42	26.7	Yes	1,840
9	9:12	1.09	91.5	100	7.2	7.49	28.0	Yes	1,401
10	16:04	1.09	55	60	7.3	7.72	30.1	Yes	2,622
11	10:40	0.97	73	71	7.3	7.74	29.9	Yes	2,049
12	14:30	1.09	73	80	8.3	7.77	28.6	Yes	1,839
13	18:40	1.10	73	80	8.5	7.63	26.9	Yes	2,030
14	12:19	1.07	91.5	98	8.2	7.84	29.6	Yes	1,582
15	15:37	1.08	64	69	7.3	7.67	29.6	Yes	2,142
16	12:24	0.91	110	100	7.3	7.73	29.6	Yes	1,368
17	14:37	1.10	91.5	101	8.1	7.74	28.8	Yes	1,397
18	12:24	1.19	91.5	109	8.5	7.81	28.9	Yes	1,405
19	21:22	0.97	73	71	8.0	7.48	26.0	Yes	1,819
20	14:27	1.01	73	74	8.3	7.79	28.6	Yes	1,822
21	9:02	1.07	73	78	8.1	7.46	26.0	Yes	2,060
22	12:00	1.11	73	81	8.3	7.69	27.9	Yes	2,031
23	8:26	1.06	91.5	97	7.8	7.51	26.9	Yes	1,582
24	9:59	0.98	73	72	7.5	7.49	27.0	Yes	1,973
25	9:49	0.94	73	69	7.6	7.46	26.5	Yes	2,012
26	11:54	1.23	64	79	7.9	7.63	28.4	Yes	2,349
27	7:58	1.10	91.5	100	8.7	7.50	25.3	Yes	1,422
28	9:44	1.05	91.5	96	9.7	7.85	26.8	Yes	1,401
29	18:57	1.08	91.5	99	9.8	7.60	24.3	Yes	1,559
30	12:59	1.18	73	86	8.9	7.88	28.8	Yes	1,957
31	13:49	0.94	73	68	8.7	8.04	30.3	Yes	1,796

<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: Mar-21**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.319	8:45	4.358	9:15	4.274	
2	7:15	4.310	7:45	4.354	8:15	4.283	
3	8:15	4.308	8:45	4.357	9:15	4.258	
4	8:15	4.313	8:45	4.372	9:15	4.279	
5	8:15	4.326	8:45	4.366	9:15	4.269	
6	8:15	4.328	8:45	4.330	9:15	4.268	
7	8:15	4.311	8:45	4.331	9:15	4.248	
8	7:15	4.328	7:45	4.343	8:15	4.250	
9	8:45	4.304	7:45	4.351	8:15	4.278	
10	7:45	4.313	8:45	4.337	9:15	4.272	
11	7:45	4.306	8:45	4.353	9:15	4.260	
12	8:15	4.314	8:45	4.340	9:15	4.260	
13	8:15	4.312	8:45	4.348	9:15	4.268	
14	8:15	4.302	8:45	4.326	9:15	4.264	
15	9:15	4.323	9:45	4.342	8:15	4.265	
16	8:15	4.318	8:45	4.339	7:45	4.252	
17	7:45	4.316	8:45	4.336	9:15	4.281	
18	7:45	4.279	8:45	4.326	9:15	4.283	
19	8:15	4.300	7:45	4.330	9:15	4.297	
20	8:15	4.350	7:45	4.270	9:15	4.280	
21	8:15	4.304	8:45	4.316	9:15	4.303	
22	8:15	4.309	8:45	4.320	9:15	4.282	
23	8:15	4.331	8:45	4.336	9:15	4.291	
24	8:15	4.319	8:45	4.386	9:15	4.293	
25	8:15	4.304	8:45	4.378	9:15	4.271	
26	8:15	4.350	8:45	4.357	9:15	4.287	
27	8:15	4.323	8:45	4.339	9:15	4.285	
28	8:15	4.333	8:45	4.344	9:15	4.264	
29	8:15	4.309	8:45	4.358	9:15	4.275	
30	8:15	4.330	8:45	4.350	9:15	4.280	
31	8:15	4.320	8:45	4.355	9:15	4.275	

**NIS = NOT IN SERVICE**