

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

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

Slow Sand Membrane DE Filtration/ Unfiltered 95% of daily turbidity readings ≤ 1 NTU (2) Yes / No All daily turbidity readings ≤ 5 NTU Yes / No	Monthly Summary (Answer Yes or No) CT's met everyday? Yes / No All CL2 residual at entry point ≥ 0.2 mg/l ? Yes / No	
Notes:	Printed Name: Caleb L Needles	
	Signature: <i>Caleb L Needles</i>	Date: 02/04/21
	Phone #: 541-672-5559	Cert #: T-09378

(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: Feb-21
System Name: Umpqua Basin Water Assoc		ID#: OR41 00719		WTP: A		Disinfection <i>Giardia</i> Log Inactive: 0.5			
Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	10:50	1.14	91.5	104	7.0	7.41	27.6	Yes	1,408
2	12:41	1.27	91.5	116	7.2	7.49	28.5	Yes	1,430
3	9:15	0.82	91.5	75	7.1	7.38	26.2	Yes	1,405
4	9:41	0.97	91.5	88	6.8	7.12	24.8	Yes	1,398
5	19:30	0.94	73	69	6.2	7.34	27.8	Yes	2,035
6	16:00	0.90	91.5	82	6.9	7.41	27.1	Yes	1,543
7	12:00	0.99	73	72	6.1	7.41	28.7	Yes	2,029
8	12:50	0.95	64	60	6.5	7.47	28.7	Yes	2,110
9	11:02	1.02	73	74	6.3	7.54	30.0	Yes	2,058
10	10:37	0.75	91.5	69	6.1	7.48	28.7	Yes	1,389
11	13:06	0.97	91.5	89	5.8	7.51	30.4	Yes	1,593
12	9:36	0.80	91.5	74	5.9	7.40	28.7	Yes	1,403
13	10:09	0.88	73	64	6.7	7.57	28.9	Yes	1,951
14	9:50	0.93	49.5	46	7.4	7.38	26.0	Yes	2,998
15	10:19	0.86	64	55	7.8	7.18	23.4	Yes	2,207
16	10:37	0.84	64	54	7.8	7.24	23.8	Yes	2,154
17	10:18	0.92	73	67	7.6	7.21	24.2	Yes	2,002
18	11:54	0.94	73	69	7.2	7.29	25.5	Yes	2,015
19	14:56	0.96	64	61	7.8	7.28	24.4	Yes	2,124
20	10:45	1.09	55	60	7.5	7.28	25.4	Yes	2,629
21	9:10	1.11	110	122	7.6	7.27	25.2	Yes	1,334
22	9:05	1.10	91.5	101	7.5	7.28	25.5	Yes	1,408
23	13:01	1.15	73	84	8.0	7.42	25.9	Yes	1,994
24	20:15	1.02	91.5	93	7.8	7.43	26.0	Yes	1,566
25	17:44	1.07	91.5	98	6.9	7.42	27.8	Yes	1,535
26	11:47	0.98	91.5	90	6.7	7.48	28.4	Yes	1,584
27	12:39	1.06	73	77	6.9	7.49	28.4	Yes	2,029
28	11:31	1.08	73	79	6.5	7.53	29.6	Yes	2,055

³ If Cl₂ 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: Feb-21

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.317	8:45	4.360	9:15	4.281	
2	8:15	4.325	8:45	4.358	9:15	4.277	
3	8:15	4.317	8:45	4.376	9:15	4.292	
4	8:15	4.321	8:45	4.360	9:15	4.293	
5	8:15	4.361	8:45	4.374	9:15	4.285	
6	8:15	4.327	8:45	4.370	9:15	4.277	
7	8:15	4.327	8:45	4.360	9:15	4.289	
8	8:15	4.339	8:45	4.359	9:15	4.283	
9	8:15	4.350	8:45	4.370	9:15	4.290	
10	8:15	4.334	8:45	4.369	9:15	4.275	
11	8:15	4.343	8:45	4.383	9:15	4.285	
12	8:15	4.334	8:45	4.359	9:15	4.305	
13	8:15	4.339	8:45	4.378	9:15	4.290	
14	8:15	4.312	8:45	4.357	9:15	4.276	
15	8:15	4.322	8:45	4.365	9:15	4.281	
16	8:15	4.297	8:45	4.357	9:15	4.266	
17	8:15	4.309	8:45	4.367	9:15	4.285	
18	8:15	4.332	8:45	4.385	9:15	4.280	
19	8:15	4.327	8:45	4.351	9:15	4.277	
20	8:15	4.322	8:45	4.333	9:15	4.266	
21	8:15	4.306	8:45	4.340	9:15	4.275	
22	8:15	4.317	8:45	4.375	9:15	4.282	
23	8:15	4.317	8:45	4.362	9:15	4.282	
24	8:15	4.318	8:45	4.343	9:15	4.274	
25	8:15	4.328	8:45	4.356	9:15	4.277	
26	8:15	4.316	8:45	4.367	9:15	4.276	
27	8:15	4.323	8:45	4.366	9:15	4.289	
28	8:15	4.321	8:45	4.367	9:15	4.279	

NIS = NOT IN SERVICE