

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

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

Slow Sand <u>Membrane</u> DE Filtration/ Unfiltered		Monthly Summary (Answer Yes or No)	
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
Notes:	Printed Name: Caleb L. Needles		
	Signature: <i>Caleb L. Needles</i>	Date: 6.3.21	
	Phone #: 541-672-5559	Cert #: T-09378	

(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: May-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	12:37	0.92	73	67	15.9	8.07	18.9	Yes	1,851
2	16:29	1.02	91.5	93	15.3	7.81	18.1	Yes	1,403
3	8:16	1.03	73	75	14.4	7.94	20.1	Yes	2,055
4	16:27	1.02	73	74	16.0	7.84	17.5	Yes	2,046
5	12:56	0.88	55	48	16.0	8.03	18.4	Yes	2,650
6	6:29	1.16	73	85	15.8	8.00	19.0	Yes	2,061
7	7:42	1.09	73	80	14.9	7.94	19.5	Yes	2,051
8	18:05	0.88	91.5	80	15.0	7.84	18.4	Yes	1,632
9	8:44	1.04	73	76	13.7	8.05	21.9	Yes	2,026
10	10:35	0.96	73	70	14.1	8.02	21.0	Yes	1,882
11	14:34	1.06	73	77	15.7	7.83	17.8	Yes	1,871
12	6:09	1.12	91.5	102	15.3	7.69	17.5	Yes	1,645
13	10:06	0.94	64	60	16.2	7.42	14.6	Yes	2,283
14	8:00	1.03	55	57	17.0	7.61	15.0	Yes	2,656
15	7:00	1.05	73	77	17.2	7.66	15.1	Yes	1,943
16	7:48	1.05	73	77	17.5	7.72	15.1	Yes	1,919
17	8:19	0.96	73	70	17.8	7.59	14.0	Yes	2,059
18	13:15	0.99	73	72	18.1	7.49	13.2	Yes	2,012
19	14:35	0.90	64	57	17.1	7.47	13.9	Yes	2,193
20	15:43	0.99	64	64	15.4	7.47	15.8	Yes	2,185
21	10:32	1.14	73	83	13.7	7.61	18.9	Yes	2,018
22	10:55	1.05	64	67	13.5	7.63	19.1	Yes	2,202
23	9:27	1.03	64	66	13.8	7.73	19.4	Yes	2,221
24	15:57	0.92	73	67	16.5	7.54	14.9	Yes	1,861
25	15:56	0.93	64	59	16.8	7.50	14.4	Yes	2,183
26	8:37	0.97	73	70	15.7	7.78	17.3	Yes	2,039
27	6:28	1.08	73	79	16.6	7.76	16.4	Yes	2,069
28	12:57	0.89	73	65	15.3	7.49	15.9	Yes	2,026
29	10:01	1.01	73	74	16.0	7.51	15.4	Yes	2,058
30	9:05	1.08	73	79	17.3	7.55	14.5	Yes	2,038
31	7:45	1.14	73	83	18.7	7.65	13.8	Yes	2,056

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: May-21

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.245	8:45	4.260	9:15	4.240	
2	8:15	4.257	8:45	4.249	9:15	4.242	
3	8:15	4.266	8:45	4.248	9:15	4.241	
4	8:15	4.239	8:45	4.252	9:15	4.228	
5	8:15	4.237	8:45	4.232	9:15	4.235	
6	8:15	4.221	8:45	4.190	9:15	4.215	
7	8:15	4.235	8:45	4.227	9:15	4.231	
8	8:15	4.251	8:45	4.243	9:15	4.212	
9	8:15	4.236	8:45	4.214	9:15	4.218	
10	8:15	4.252	8:45	4.262	9:15	4.227	
11	8:15	4.227	8:45	4.199	9:15	4.189	
12	8:15	4.222	8:45	4.205	9:15	4.191	
13	8:15	4.208	8:45	4.176	9:15	4.169	
14	8:15	4.207	8:45	4.169	9:15	4.159	
15	8:15	4.209	8:45	4.186	9:15	4.179	
16	8:15	4.197	8:45	4.177	9:15	4.174	
17	8:15	4.226	8:45	4.162	9:15	4.181	
18	8:15	4.201	8:45	4.153	9:15	4.165	
19	8:15	4.219	8:45	4.180	9:15	4.163	
20	8:15	4.227	8:45	4.210	9:15	4.189	
21	8:15	4.202	8:45	4.182	9:15	4.194	
22	8:15	4.220	8:45	4.250	9:15	4.205	
23	8:15	4.222	8:45	4.202	9:15	4.192	
24	8:15	4.198	8:45	4.179	9:15	4.182	
25	8:15	4.220	8:45	4.205	9:15	4.160	
26	8:15	4.213	8:45	4.160	9:15	4.172	
27	8:15	4.195	8:45	4.157	9:15	4.150	
28	8:15	4.222	8:45	4.179	9:15	4.165	
29	8:15	4.211	8:45	4.159	9:15	4.155	
30	8:15	4.186	8:45	4.141	9:15	4.126	
31	8:15	4.177	8:45	4.140	9:15	4.124	

NIS = NOT IN SERVICE