

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Sep-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	0.012	0.012	0.012	0.013	0.012	0.013
2	0.012	Off	0.012	0.012	0.012	0.012	0.012
3	0.012	0.012	0.012	0.012	0.012	0.012	0.012
4	0.012	0.012	0.012	0.012	0.012	0.012	0.012
5	0.012	0.012	0.012	0.012	0.012	0.012	0.012
6	0.012	Off	0.012	0.012	0.012	0.012	0.012
7	0.013	0.012	0.013	0.012	0.012	0.013	0.013
8	0.012	Off	0.012	0.013	0.013	0.013	0.013
9	0.013	0.013	0.013	0.013	0.013	0.013	0.013
10	Off	Off	0.013	0.013	0.013	0.013	0.013
11	0.013	0.013	0.013	0.013	0.013	0.013	0.013
12	0.013	Off	0.013	0.013	0.013	0.013	0.013
13	Off	Off	Off	0.013	0.013	0.013	0.013
14	0.014	0.013	0.013	0.011	0.012	0.012	0.014
15	Off	Off	0.012	0.012	0.012	0.012	0.012
16	0.013	0.012	0.012	0.012	0.012	0.012	0.013
17	0.012	Off	0.012	0.012	0.012	Off	0.012
18	Off	0.012	0.012	0.012	0.012	0.012	0.012
19	0.012	Off	0.012	0.012	Off	Off	0.012
20	0.012	0.012	0.012	Off	Off	Off	0.012
21	0.013	0.014	0.014	Off	0.013	Off	0.014
22	Off	0.013	0.012	0.013	0.013	0.013	0.013
23	Off	Off	0.013	0.012	0.013	0.013	0.013
24	0.013	0.013	Off	0.013	0.012	0.013	0.013
25	Off	Off	Off	0.013	0.013	0.013	0.013
26	Off	Off	0.013	0.013	0.013	0.013	0.013
27	Off	Off	0.013	0.013	0.013	Off	0.013
28	Off	Off	0.013	0.013	0.013	0.013	0.013
29	0.013	Off	0.014	0.014	Off	Off	0.014
30	0.014	Off	Off	0.014	0.014	0.015	0.015

Slow Sand (Membrane) 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: 10/5/2021	
	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: Sep-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	3:28	1.08	73	79	19.2	8.19	16.2	Yes	2,048
2	16:05	0.87	73	63	19.6	7.70	12.8	Yes	2,040
3	8:32	0.96	73	70	18.0	7.80	14.9	Yes	2,061
4	9:37	1.02	64	65	17.3	7.95	16.6	Yes	2,229
5	9:09	0.99	73	72	17.7	7.87	15.7	Yes	2,056
6	10:39	0.95	73	69	18.5	7.74	14.1	Yes	2,063
7	13:59	0.87	73	64	18.8	7.59	13.0	Yes	2,036
8	15:59	0.96	64	61	19.7	7.67	12.7	Yes	2,127
9	8:00	1.01	73	73	18.9	7.75	13.9	Yes	2,045
10	10:00	1.09	73	79	19.5	8.09	15.3	Yes	2,060
11	19:12	0.94	73	69	19.4	7.70	13.1	Yes	2,054
12	11:11	0.93	73	68	17.9	7.72	14.6	Yes	2,048
13	16:02	0.86	64	55	18.9	7.73	13.5	Yes	2,334
14	7:29	0.90	73	66	17.7	7.87	15.5	Yes	1,962
15	10:40	0.88	73	64	18.3	7.88	15.0	Yes	2,059
16	13:15	0.84	73	62	17.6	7.65	14.3	Yes	2,039
17	15:00	1.03	73	75	17.4	7.65	14.8	Yes	2,031
18	13:00	1.00	55	55	17.4	7.61	14.5	Yes	2,618
19	8:11	0.90	55	50	16.8	7.86	16.4	Yes	2,654
20	8:04	0.92	64	59	15.6	7.71	16.9	Yes	2,102
21	0:06	0.77	73	56	15.9	7.57	15.4	Yes	1,822
22	11:14	1.06	64	68	16.5	7.60	15.5	Yes	2,342
23	15:31	1.08	73	79	17.5	7.58	14.4	Yes	2,018
24	15:16	1.14	73	83	17.6	7.55	14.3	Yes	2,009
25	15:10	1.09	73	79	17.9	7.59	14.1	Yes	1,828
26	7:14	1.16	73	85	17.5	8.23	18.5	Yes	2,061
27	7:05	1.16	73	85	18.2	8.38	18.7	Yes	2,048
28	7:26	0.96	73	70	16.7	7.68	15.6	Yes	1,909
29	9:32	1.07	73	78	14.4	7.77	19.0	Yes	2,041
30	12:32	0.86	64	55	14.4	7.64	17.7	Yes	2,297

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: Sep-21

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:45	4.266	8:15	4.067	9:15	4.183	
2	8:15	4.274	8:15	4.060	9:15	4.221	
3	8:15	4.276	8:45	4.076	9:15	4.182	
4	8:15	4.291	7:15	4.327	9:15	4.223	
5	8:15	4.294	7:15	4.106	9:15	4.223	
6	8:15	4.267	7:15	4.102	9:15	4.225	
7	8:15	4.252	8:45	4.049	9:15	4.162	
8	8:15	4.253	8:45	4.056	9:15	4.180	
9	8:45	4.235	8:15	4.319	9:15	4.161	
10	8:15	4.268	8:45	4.316	9:15	4.192	
11	8:15	4.237	7:15	4.298	9:15	4.169	
12	8:15	4.249	7:15	4.290	9:15	4.184	
13	8:15	4.247	7:15	4.284	9:15	4.183	
14	8:15	4.273	8:45	4.293	9:15	4.162	
15	8:15	4.255	8:45	4.311	9:15	4.194	
16	8:15	4.242	8:45	4.315	9:15	4.181	
17	8:15	4.268	8:45	4.312	9:15	4.162	
18	8:15	4.245	9:00	4.301	9:15	4.174	
19	8:15	4.256	8:45	4.306	9:15	4.140	
20	8:15	4.244	8:45	4.329	9:15	4.175	
21	8:15	4.246	8:45	4.337	9:15	4.180	
22	8:15	4.250	8:45	4.098	9:15	4.166	
23	8:15	4.247	8:45	4.082	9:15	4.157	
24	8:15	4.237	14:51	4.100	9:15	4.162	
25	8:15	4.254	8:45	4.120	9:15	4.156	
26	8:15	4.210	9:00	4.088	9:30	4.132	
27	8:15	4.247	8:45	4.073	9:15	4.107	
28	8:15	4.226	8:45	4.098	9:15	4.171	
29	8:15	4.246	8:45	4.089	9:15	4.153	
30	8:15	4.252	8:45	4.082	9:15	4.157	

NIS = NOT IN SERVICE