

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: May-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	0.012	0.013	0.013	Off	0.013
2	Off	Off	0.013	0.013	Off	0.013	0.013
3	0.013	0.013	0.013	0.013	0.013	Off	0.013
4	Off	Off	Off	0.013	0.013	0.014	0.014
5	0.014	0.014	0.014	Off	0.014	0.014	0.014
6	0.014	Off	0.014	0.015	0.014	0.017	0.017
7	Off	Off	Off	0.014	Off	0.014	0.014
8	0.015	Off	Off	0.015	0.015	Off	0.015
9	Off	Off	0.015	0.015	0.015	Off	0.015
10	Off	Off	Off	0.015	0.015	0.015	0.015
11	0.015	Off	0.015	0.012	0.012	Off	0.015
12	Off	Off	Off	0.012	0.012	0.012	0.012
13	0.012	Off	Off	0.012	0.012	Off	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	0.013	0.013	0.013	0.013
17	0.013	0.013	Off	0.013	0.013	0.013	0.013
18	0.013	0.013	Off	Off	0.013	0.013	0.013
19	0.013	Off	Off	0.012	0.012	0.011	0.013
20	0.012	Off	Off	Off	0.011	0.011	0.012
21	0.012	Off	0.011	0.011	0.011	0.011	0.012
22	Off	Off	0.011	0.011	Off	Off	0.011
23	Off	Off	0.012	0.012	0.012	0.012	0.012
24	0.012	Off	Off	0.012	0.012	0.012	0.012
25	Off	Off	0.012	0.012	0.012	0.012	0.012
26	0.012	0.012	0.012	0.012	0.012	0.012	0.012
27	Off	Off	0.012	0.012	0.012	Off	0.012
28	Off	Off	0.012	0.012	0.012	0.012	0.012
29	Off	Off	0.012	0.012	0.012	Off	0.012
30	Off	Off	Off	0.013	0.013	Off	0.013
31	Off	Off	Off	0.013	0.013	0.013	0.013

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 Needles		
	Signature: <i>Caleb L Needles</i>		Date: 6/6/2022
	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: May-22
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	7:17	0.86	73	63	10.7	7.80	24.0	Yes	2,018
2	8:01	0.80	110	87	10.8	7.75	23.3	Yes	1,211
3	14:39	0.90	91.5	82	10.1	7.76	24.7	Yes	1,412
4	12:29	0.91	73	66	10.4	7.76	24.2	Yes	2,040
5	13:07	1.02	73	74	10.9	7.84	24.5	Yes	1,988
6	13:08	1.01	73	74	10.8	7.84	24.6	Yes	2,017
7	17:29	0.84	110	93	11.0	7.66	22.4	Yes	1,243
8	11:53	1.09	73	80	8.6	7.71	27.5	Yes	2,052
9	12:54	1.04	73	76	8.4	7.72	27.9	Yes	2,018
10	12:14	0.94	73	69	8.9	7.78	27.1	Yes	2,016
11	8:09	1.14	73	83	8.7	7.81	28.5	Yes	2,032
12	14:35	1.04	73	76	9.9	7.80	25.8	Yes	1,823
13	15:27	1.03	91.5	94	9.9	7.85	26.3	Yes	1,594
14	9:40	0.94	73	69	10.4	7.90	25.6	Yes	2,012
15	9:53	0.91	73	66	11.6	7.83	23.0	Yes	1,821
16	16:11	0.93	110	102	12.4	7.77	21.4	Yes	1,206
17	22:56	1.10	91.5	101	12.6	7.86	22.2	Yes	1,574
18	16:32	1.08	91.5	99	12.8	7.85	21.8	Yes	1,454
19	16:54	0.97	73	71	12.3	7.78	21.7	Yes	2,006
20	17:54	1.01	73	73	12.4	7.87	22.4	Yes	2,007
21	9:51	1.17	91.5	107	10.7	7.97	26.4	Yes	1,485
22	7:21	1.01	91.5	92	12.8	7.91	22.1	Yes	1,451
23	8:25	0.99	73	72	12.7	7.86	21.8	Yes	2,035
24	15:43	0.99	91.5	91	15.6	7.89	18.2	Yes	1,466
25	14:27	0.98	91.5	90	15.5	7.88	18.2	Yes	1,473
26	6:05	1.15	91.5	105	15.9	8.09	19.5	Yes	1,451
27	7:58	1.19	73	87	15.7	7.87	18.4	Yes	2,030
28	14:00	1.08	73	78	13.2	7.81	20.9	Yes	2,031
29	12:30	1.03	73	75	12.0	7.90	23.3	Yes	2,017
30	10:34	0.76	73	55	10.6	7.81	24.0	Yes	2,019
31	10:56	0.81	73	59	11.2	7.74	22.6	Yes	1,845

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-22

Day	Time	Log Removal Value						Notes
		ZW 1	Time	ZW 2	Time	ZW 3		
1	8:15	4.269	8:45	4.163	9:15	4.194		
2	14:00	4.341	8:15	4.143	9:15	4.174		
3	8:15	4.370	8:45	NIS	14:00	4.459		
4	8:15	4.411	8:45	NIS	8:45	4.545		
5	8:15	4.416	8:45	NIS	8:45	4.525		
6	8:15	4.410	8:45	NIS	8:45	4.529		
7	9:45	4.387	8:45	NIS	10:05	4.530		
8	8:15	4.393	8:45	NIS	8:45	4.512		
9	8:15	4.386	8:45	NIS	8:45	4.531		
10	8:15	4.399	8:45	NIS	8:45	4.581		
11	8:15	4.392	8:45	NIS	8:45	4.507		
12	8:15	4.418	8:45	NIS	8:45	4.527		
13	8:15	4.401	8:45	NIS	8:45	4.545		
14	8:15	4.396	8:45	NIS	8:45	4.538		
15	8:15	4.376	8:45	NIS	8:45	4.497		
16	8:15	4.366	8:45	NIS	7:45	4.484		
17	8:15	4.392	8:45	NIS	7:45	4.449		
18	7:45	4.361	8:45	NIS	8:45	4.520		
19	7:45	4.344	8:45	NIS	8:45	4.534		
20	8:15	4.399	8:45	NIS	8:45	4.553		
21	8:15	4.410	8:45	NIS	8:45	4.531		
22	8:15	4.392	8:45	NIS	8:45	4.504		
23	8:15	4.396	8:45	NIS	8:45	4.492		
24	8:15	4.378	8:45	NIS	8:45	4.505		
25	8:15	4.380	8:45	NIS	8:45	4.455		
26	8:15	4.361	8:45	NIS	8:45	4.432		
27	8:15	4.349	8:45	NIS	8:45	4.441		
28	8:15	4.396	8:45	NIS	8:45	4.465		
29	8:15	4.408	8:45	NIS	8:45	4.479		
30	8:15	4.392	8:45	NIS	8:45	4.501		
31	8:15	4.368	8:45	NIS	8:45	4.509		

NIS = NOT IN SERVICE