

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Douglas

System Name: Umpqua Basin Water Assoc ID #: OR4100719A

Month/Year: Jan-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	0.011	0.011	0.011	Off	0.011
2	Off	Off	0.011	0.011	0.011	Off	0.011
3	Off	Off	0.011	0.011	0.011	Off	0.011
4	Off	Off	Off	0.011	0.011	Off	0.011
5	Off	Off	Off	0.011	0.011	Off	0.011
6	Off	Off	Off	0.011	0.011	Off	0.011
7	Off	Off	Off	0.011	0.011	Off	0.011
8	Off	Off	Off	0.011	0.011	Off	0.011
9	Off	Off	Off	0.011	0.011	Off	0.011
10	Off	Off	Off	0.011	0.011	Off	0.011
11	Off	Off	Off	0.011	0.011	Off	0.011
12	Off	Off	Off	0.011	0.011	Off	0.011
13	Off	Off	Off	0.011	0.011	Off	0.011
14	Off	Off	Off	0.011	0.011	Off	0.011
15	Off	Off	0.011	0.011	0.011	Off	0.011
16	Off	Off	Off	0.011	0.011	Off	0.011
17	Off	Off	0.011	0.011	0.011	Off	0.011
18	Off	Off	0.011	0.011	0.011	Off	0.011
19	Off	Off	0.011	0.011	0.011	Off	0.011
20	Off	Off	0.011	0.011	0.011	Off	0.011
21	Off	Off	Off	0.011	0.011	0.011	0.011
22	Off	Off	Off	0.011	0.011	0.011	0.011
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	0.012	0.012	0.012
26	Off	Off	Off	0.011	0.012	Off	0.012
27	Off	Off	Off	Off	0.014	0.012	0.014
28	Off	Off	0.012	0.012	0.013	0.012	0.013
29	Off	Off	Off	0.012	0.012	0.012	0.012
30	Off	Off	Off	0.011	0.012	0.011	0.012
31	Off	Off	0.012	Off	0.011	0.013	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: 2.4.2021
		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:	Jan-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	8:54	1.26	73	92	6.6	7.35	28.2	Yes	2,046
2	9:49	0.99	73	72	7.1	7.26	25.6	Yes	2,046
3	8:22	0.94	73	68	7.6	7.18	23.9	Yes	1,832
4	8:37	1.07	64	68	8.1	7.23	23.9	Yes	2,185
5	11:37	1.05	64	67	7.9	7.15	23.5	Yes	2,162
6	16:50	1.18	64	76	7.8	7.17	24.2	Yes	2,133
7	10:32	1.03	64	66	7.6	7.23	24.7	Yes	2,158
8	11:17	1.01	73	74	7.4	7.27	25.3	Yes	2,048
9	11:09	1.07	73	78	7.1	7.26	25.7	Yes	2,034
10	18:07	1.12	73	82	6.7	7.25	26.6	Yes	1,806
11	10:24	0.96	73	70	6.9	7.29	26.0	Yes	1,937
12	10:06	1.08	73	79	7.7	7.30	25.2	Yes	1,950
13	11:00	1.17	73	85	8.8	7.30	23.6	Yes	2,047
14	11:47	1.14	55	63	8.4	7.13	22.7	Yes	2,628
15	10:30	1.24	64	79	7.7	7.19	24.6	Yes	2,156
16	9:30	1.16	73	84	8.1	7.21	24.0	Yes	1,841
17	14:41	1.21	73	88	8.0	7.27	24.8	Yes	2,045
18	14:30	1.04	55	57	7.5	7.27	25.2	Yes	2,651
19	8:11	0.92	64	59	7.2	7.30	25.5	Yes	2,147
20	9:18	1.13	73	82	6.1	7.46	29.8	Yes	1,823
21	12:10	1.10	73	80	5.3	7.39	30.7	Yes	1,828
22	16:30	1.01	73	73	5.8	7.44	29.9	Yes	2,029
23	13:45	1.05	73	77	5.8	7.39	29.4	Yes	2,037
24	13:34	1.09	73	80	5.4	7.44	30.8	Yes	2,058
25	14:00	1.06	73	77	5.3	7.46	31.2	Yes	1,817
26	20:52	1.09	73	80	4.7	7.36	31.5	Yes	2,046
27	5:46	1.00	73	73	4.3	7.33	31.6	Yes	2,039
28	16:19	1.07	110	118	5.3	7.40	30.8	Yes	1,328
29	9:32	1.08	91.5	98	5.4	7.40	30.5	Yes	1,406
30	13:06	1.05	110	116	6.2	7.36	28.4	Yes	1,355
31	8:14	1.12	91.5	102	6.3	7.24	27.2	Yes	1,423

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: Jan-21

Log Removal Value								Notes
Day	Time	ZW 1	Time	ZW 2	Time	ZW 3		
1	8:15	4.348	8:45	4.359	9:15	4.144		
2	8:15	4.338	8:45	4.364	9:15	4.122		
3	8:15	4.328	8:45	4.369	9:15	4.131		
4	8:15	4.347	8:45	4.352	9:15	4.132		
5	8:15	4.324	8:45	4.352	9:15	4.134		
6	8:15	4.327	8:45	4.378	9:15	4.150		
7	8:15	4.332	8:45	4.378	9:15	4.138		
8	8:15	4.327	8:45	4.365	9:15	4.139		
9	8:15	4.326	8:45	4.365	9:15	4.138		
10	8:15	4.317	8:45	4.377	9:15	4.134		
11	8:15	4.322	8:45	4.372	9:15	4.134		
12	8:15	4.297	8:45	4.379	9:15	4.153		
13	8:15	4.318	8:45	4.365	9:15	4.126		
14	8:15	4.318	8:45	4.352	9:15	4.124		
15	8:15	4.318	8:45	4.365	9:15	4.114		
16	8:15	4.318	8:45	4.365	9:15	4.112		
17	8:15	4.322	8:45	4.357	9:15	4.129		
18	8:15	4.299	8:45	4.364	9:15	4.128		
19	8:15	4.327	8:45	4.366	9:15	4.114		
20	8:15	4.348	8:45	4.369	9:15	4.149		
21	8:15	4.325	8:45	4.389	9:15	4.135		
22	8:15	4.306	8:45	4.374	9:15	4.118		
23	8:15	4.272	8:45	4.321	9:15	4.103		
24	8:15	4.287	8:45	4.319	9:15	4.103		
25	8:15	4.294	7:45	4.324	8:45	4.093		
26	8:15	4.311	8:45	4.313	7:45	4.106		
27	8:15	4.293	7:45	4.320	7:30	4.108		
28	7:45	4.306	8:45	4.355	7:15	4.205		
29	8:15	4.265	8:45	4.341	7:15	4.250		
30	7:30	4.277	8:45	4.363	9:15	4.267		
31	8:15	4.348	8:45	4.362	9:15	4.285		

NIS = NOT IN SERVICE