

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Oct-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	0.015	Off	0.014	0.014	Off	Off	0.015
2	Off	Off	Off	0.012	0.013	0.012	0.013
3	0.013	Off	Off	Off	Off	0.013	0.013
4	0.013	0.012	0.013	0.012	0.012	0.012	0.013
5	Off	Off	0.013	0.012	0.012	0.013	0.013
6	0.012	Off	Off	0.012	0.013	0.013	0.013
7	Off	0.012	0.013	Off	0.012	0.012	0.013
8	0.012	0.012	Off	0.012	0.013	0.013	0.013
9	0.013	Off	0.013	0.013	Off	Off	0.013
10	0.013	Off	Off	0.012	0.012	0.012	0.013
11	Off	0.012	0.012	0.012	0.012	0.012	0.012
12	0.013	Off	Off	Off	0.013	0.012	0.013
13	Off	Off	Off	0.012	Off	Off	0.012
14	0.013	0.013	0.012	0.013	Off	Off	0.013
15	0.013	0.013	Off	0.012	0.013	0.012	0.013
16	0.013	Off	0.013	0.013	0.012	Off	0.013
17	Off	Off	0.013	0.013	0.013	Off	0.013
18	Off	0.013	0.013	0.013	0.013	Off	0.013
19	Off	Off	0.013	0.013	Off	Off	0.013
20	0.013	0.013	0.013	0.013	0.013	0.013	0.013
21	Off	Off	Off	0.013	0.013	0.014	0.014
22	Off	Off	Off	0.014	0.012	Off	0.014
23	Off	Off	Off	0.012	0.012	Off	0.012
24	Off	Off	Off	0.012	Off	0.013	0.013
25	Off	Off	Off	0.013	Off	Off	0.013
26	Off	Off	Off	0.013	0.013	0.013	0.013
27	Off	Off	0.013	0.013	0.013	0.013	0.013
28	Off	Off	0.013	0.013	0.013	0.013	0.013
29	Off	Off	0.013	0.014	Off	0.014	0.014
30	Off	Off	0.014	0.014	0.014	Off	0.014
31	Off	Off	0.014	0.140	0.014	Off	0.014

Slow Sand (Membrane) DE Filtration/ Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU (2) <input checked="" type="radio"/> Yes / No	CT's met everyday? <input checked="" type="radio"/> Yes / No	All CL2 residual at entry point ≥ 0.2 mg/l ? <input checked="" type="radio"/> Yes / No	
All daily turbidity readings ≤ 5 NTU <input checked="" type="radio"/> Yes / No	Printed Name: Caleb L Needles		
Notes:	Signature: <i>Caleb L Needles</i>		Date: 11/03/21
	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: Oct-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	11:37	0.96	64	61	14.9	7.67	17.4	Yes	2,262
2	10:12	0.86	91.5	78	14.0	7.67	18.4	Yes	1,578
3	21:48	0.96	73	70	14.5	7.76	18.5	Yes	2,073
4	3:06	1.06	73	77	14.0	7.78	19.6	Yes	2,039
5	16:30	1.10	73	80	14.7	7.71	18.2	Yes	1,844
6	10:39	1.07	91.5	98	13.7	7.92	21.0	Yes	1,621
7	16:40	1.06	73	77	13.9	7.78	19.6	Yes	2,030
8	14:02	1.04	91.5	95	12.3	7.79	22.0	Yes	1,590
9	9:12	1.05	73	77	12.1	8.01	24.2	Yes	1,852
10	9:29	0.89	73	65	12.5	7.24	17.6	Yes	2,048
11	16:07	0.96	73	70	12.3	7.72	21.3	Yes	2,043
12	15:51	0.98	64	63	11.5	7.88	23.8	Yes	2,313
13	10:11	1.02	91.5	93	11.3	7.97	25.0	Yes	1,506
14	9:57	1.03	73	75	11.5	7.72	22.5	Yes	1,995
15	2:00	1.17	91.5	107	11.7	7.88	24.0	Yes	1,572
16	13:30	1.05	91.5	96	11.7	7.74	22.5	Yes	1,395
17	8:22	0.93	64	59	11.6	7.64	21.5	Yes	2,336
18	8:29	0.80	91.5	73	11.5	7.69	21.8	Yes	1,546
19	12:36	0.98	73	71	10.6	7.64	23.1	Yes	2,018
20	13:50	1.00	73	73	10.6	7.68	23.5	Yes	2,037
21	15:25	1.04	73	76	11.0	7.69	23.1	Yes	2,026
22	12:14	1.11	73	81	11.5	7.80	23.4	Yes	2,037
23	10:12	1.13	73	82	11.5	7.75	23.0	Yes	2,071
24	9:09	1.03	73	75	11.6	7.46	20.5	Yes	2,045
25	10:29	1.06	64	68	10.8	7.53	22.1	Yes	2,186
26	10:07	0.97	73	71	10.8	7.53	21.9	Yes	1,830
27	9:51	1.05	55	58	10.8	7.66	23.2	Yes	2,623
28	15:27	1.01	91.5	92	12.7	7.53	19.3	Yes	1,614
29	11:06	1.20	55	66	12.9	7.61	20.0	Yes	2,595
30	11:00	1.12	73	82	11.9	7.58	21.1	Yes	2,031
31	10:07	1.15	73	84	11.8	7.63	21.8	Yes	2,022

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: Oct-21

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.242	8:45	4.069	9:15	4.148	
2	8:15	4.250	8:45	4.065	9:15	4.151	
3	8:15	4.252	8:45	4.095	9:15	4.142	
4	8:15	4.267	8:45	4.093	9:15	4.181	
5	7:45	4.256	8:45	4.080	9:15	4.158	
6	7:45	4.272	8:45	4.072	9:15	4.178	
7	8:15	4.326	7:45	4.066	9:15	4.166	
8	8:15	4.320	7:45	4.137	9:15	4.165	
9	8:15	4.299	8:45	4.151	9:15	4.161	
10	8:15	4.338	8:45	4.172	9:15	4.175	
11	8:15	4.322	8:45	4.136	7:45	4.179	
12	8:15	4.361	8:45	4.135	7:45	4.198	
13	8:15	4.328	8:45	4.136	9:15	4.227	
14	8:15	4.301	8:45	4.148	9:15	4.219	
15	8:15	4.328	8:45	4.151	9:15	4.242	
16	8:15	4.329	8:45	4.157	9:15	4.240	
17	8:15	4.301	8:45	4.148	9:15	4.213	
18	8:15	4.329	8:45	4.162	9:15	4.225	
19	8:15	4.310	8:45	4.153	9:15	4.229	
20	8:15	4.330	8:45	4.151	9:15	4.222	
21	8:15	4.317	8:45	4.150	9:15	4.198	
22	8:15	4.321	8:45	4.158	9:15	4.217	
23	8:15	4.311	8:45	4.151	9:15	4.236	
24	8:15	4.290	8:45	4.151	9:15	4.217	
25	8:15	4.312	8:45	4.158	9:15	4.216	
26	8:15	4.286	8:45	4.158	9:15	4.202	
27	8:15	4.335	8:45	4.144	9:15	4.208	
28	8:15	4.299	8:45	4.143	9:15	4.203	
29	8:15	4.278	8:45	4.146	9:15	4.190	
30	8:15	4.309	8:45	4.155	9:15	4.193	
31	7:15	4.298	7:45	4.148	8:15	4.181	

NIS = NOT IN SERVICE