

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Mar-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	0.012	0.012	Off	0.012	0.012	0.012	0.012
2	Off	Off	Off	0.012	0.012	0.012	0.012
3	Off	Off	Off	0.011	Off	Off	0.011
4	0.011	0.011	0.011	Off	0.011	0.011	0.011
5	Off	Off	Off	0.011	0.011	0.011	0.011
6	0.012	0.011	0.011	0.011	0.011	0.011	0.012
7	Off	Off	Off	0.011	0.011	Off	0.011
8	Off	Off	Off	0.011	0.011	0.011	0.011
9	0.011	Off	Off	0.011	Off	Off	0.011
10	0.011	0.011	0.011	0.012	Off	Off	0.012
11	0.012	0.010	Off	0.011	Off	0.011	0.012
12	0.011	0.011	0.012	0.011	0.011	0.012	0.012
13	Off	Off	Off	Off	Off	Off	0.012
14	0.012	Off	Off	0.012	0.012	0.012	0.012
15	0.012	Off	Off	0.011	Off	Off	0.012
16	0.012	0.012	Off	0.012	0.012	0.011	0.012
17	Off	Off	Off	0.011	0.011	Off	0.011
18	Off	Off	Off	0.011	0.012	0.012	0.012
19	Off	Off	0.012	0.012	Off	Off	0.012
20	Off	Off	Off	0.012	0.012	Off	0.012
21	Off	Off	Off	0.012	0.012	Off	0.012
22	Off	Off	0.012	0.012	0.012	Off	0.012
23	Off	Off	Off	0.012	0.012	0.012	0.012
24	Off	Off	0.012	0.012	0.012	Off	0.012
25	0.012	Off	0.012	0.012	0.012	Off	0.012
26	0.012	Off	0.012	Off	Off	0.012	0.012
27	0.012	Off	Off	0.012	Off	0.012	0.012
28	0.012	0.012	0.012	Off	0.013	Off	0.013
29	Off	Off	Off	0.012	0.013	0.012	0.013
30	Off	Off	Off	0.012	0.012	0.012	0.012
31	Off	Off	Off	0.013	0.013	Off	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? <input checked="" type="checkbox"/> Yes / No	All CL2 residual at entry point ≥ 0.2 mg/l ? <input checked="" type="checkbox"/> Yes / No	
All daily turbidity readings ≤ 5 NTU <input checked="" type="checkbox"/> Yes/ No	Printed Name: Caleb Needles		
Notes:	Signature: <i>Caleb L. Needles</i>		Date: 4/5/2022
	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: Mar-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	16:19	1.03	73	75	8.3	7.84	29.3	Yes	2,005
2	11:04	0.95	73	69	8.4	7.90	29.4	Yes	2,064
3	9:57	0.89	73	65	8.4	7.75	27.7	Yes	2,047
4	19:12	1.00	73	73	8.0	7.69	28.1	Yes	2,036
5	10:31	0.99	91.5	91	7.2	7.79	30.8	Yes	1,608
6	12:20	1.01	73	74	7.2	7.73	30.1	Yes	2,018
7	14:21	1.00	91.5	92	7.3	7.87	31.4	Yes	1,406
8	10:07	0.96	55	53	7.1	7.83	31.2	Yes	2,635
9	10:44	1.02	91.5	93	7.4	7.93	32.0	Yes	1,395
10	9:52	1.10	73	80	6.8	7.79	31.9	Yes	2,023
11	11:34	1.01	91.5	92	7.3	7.86	31.4	Yes	1,408
12	16:25	1.00	73	73	7.8	7.76	29.2	Yes	2,022
13	21:07	1.06	73	77	8.0	7.93	30.9	Yes	2,013
14	2:29	1.03	73	75	7.9	7.94	31.0	Yes	2,010
15	9:56	1.07	91.5	98	8.2	7.91	30.2	Yes	1,413
16	18:47	0.98	73	72	9.2	7.64	25.4	Yes	2,011
17	9:49	1.02	64	65	8.7	7.65	26.5	Yes	2,298
18	12:09	0.99	73	72	8.2	7.71	28.0	Yes	2,043
19	9:34	1.10	64	71	8.9	7.94	29.3	Yes	2,224
20	13:27	1.10	64	70	8.1	7.77	29.2	Yes	2,230
21	10:01	1.04	73	76	8.1	7.82	29.4	Yes	1,816
22	9:20	1.02	64	65	8.1	7.81	29.3	Yes	2,258
23	10:59	0.97	64	62	10.0	7.84	25.8	Yes	2,312
24	13:24	1.03	64	66	10.8	7.83	24.6	Yes	2,200
25	10:18	1.02	64	65	11.5	7.93	24.3	Yes	2,288
26	20:31	0.97	73	71	12.3	7.94	23.0	Yes	2,022
27	21:17	1.00	73	73	11.4	7.89	24.0	Yes	2,009
28	16:22	1.00	91.5	92	12.2	7.90	22.8	Yes	1,413
29	15:56	0.99	73	72	12.7	7.85	21.7	Yes	2,083
30	19:04	1.19	73	87	12.0	7.91	23.8	Yes	2,025
31	13:10	1.10	73	80	11.3	7.97	25.2	Yes	1,810

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: Mar-22

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.285	8:45	4.183	7:45	4.188	
2	8:15	4.256	8:45	4.174	9:15	4.208	
3	8:15	4.265	8:45	4.183	9:15	4.216	
4	8:15	4.291	8:45	4.185	9:15	4.227	
5	8:15	4.293	8:45	4.193	9:15	4.224	
6	8:15	4.299	8:45	4.196	9:15	4.221	
7	8:15	4.310	8:45	4.187	9:15	4.221	
8	8:15	4.292	8:45	4.209	9:15	4.239	
9	8:15	4.291	8:45	4.211	9:15	4.219	
10	8:15	4.310	8:45	4.202	9:15	4.225	
11	8:15	4.303	8:45	4.215	9:15	4.211	
12	8:15	4.305	8:45	4.192	9:15	4.221	
13	8:15	4.278	8:45	4.218	9:15	4.211	
14	8:15	4.254	8:45	4.199	9:15	4.167	
15	8:15	4.246	8:45	4.174	9:15	4.196	
16	8:15	4.277	8:45	4.166	9:15	4.190	
17	8:15	4.266	8:45	4.178	9:15	4.206	
18	8:15	4.238	8:45	4.169	9:15	4.199	
19	8:15	4.261	8:45	4.157	9:15	4.191	
20	8:15	4.259	8:45	4.189	9:15	4.209	
21	8:15	4.251	8:45	4.178	9:15	4.207	
22	8:15	4.268	8:45	4.176	9:15	4.204	
23	8:15	4.209	8:45	4.169	9:15	4.181	
24	8:15	4.232	8:45	4.164	9:15	4.174	
25	8:15	4.229	8:45	4.135	9:15	4.155	
26	8:15	4.250	8:45	4.123	9:15	4.173	
27	8:15	4.238	8:45	4.141	9:15	4.157	
28	8:15	4.237	7:45	4.145	9:15	4.182	
29	8:15	4.223	7:45	4.111	8:45	4.189	
30	8:15	4.228	8:45	4.163	7:45	4.152	
31	8:15	4.250	8:45	4.170	7:45	4.175	

NIS = NOT IN SERVICE