

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

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

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			
Notes:	Printed Name: Caleb Needles		
	Signature: <i>Caleb L Needles</i>	Date: 1/4/2023	
	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: Dec-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	9:23	0.85	91.5	78	5.8	7.78	33.1	Yes	1,631
2	10:35	0.89	91.5	81	5.8	7.70	32.4	Yes	1,569
3	10:58	0.85	91.5	78	5.1	7.74	34.2	Yes	1,583
4	10:27	0.90	91.5	82	4.7	7.79	36.2	Yes	1,596
5	11:04	0.93	91.5	85	5.1	7.85	36.0	Yes	1,588
6	10:34	0.92	91.5	84	5.4	7.84	35.0	Yes	1,467
7	17:29	0.96	91.5	88	5.6	7.96	36.5	Yes	1,563
8	16:13	0.97	91.5	89	5.1	7.90	36.8	Yes	1,589
9	10:00	0.94	110	103	4.6	7.86	37.4	Yes	1,357
10	14:00	0.92	91.5	84	5.6	7.99	36.6	Yes	1,611
11	13:51	0.99	91.5	91	6.0	7.88	34.5	Yes	1,613
12	16:34	1.03	91.5	94	6.7	7.81	32.1	Yes	1,605
13	16:46	1.06	110	117	6.3	7.75	32.5	Yes	1,359
14	16:35	0.98	91.5	90	5.9	7.74	33.0	Yes	1,589
15	15:33	1.03	64	66	5.5	7.67	33.2	Yes	2,210
16	15:18	0.96	73	70	4.6	7.69	35.2	Yes	2,065
17	10:42	0.94	91.5	86	4.0	7.69	36.6	Yes	1,625
18	13:37	0.98	91.5	90	3.4	7.64	37.7	Yes	1,583
19	15:09	0.89	91.5	81	3.2	7.72	38.8	Yes	1,602
20	12:37	1.02	73	74	3.0	7.77	40.8	Yes	2,034
21	14:50	0.95	91.5	87	4.4	7.72	36.1	Yes	1,596
22	15:23	0.89	91.5	81	5.7	7.53	30.6	Yes	1,582
23	16:42	1.09	91.5	100	6.0	7.54	30.8	Yes	1,641
24	9:32	1.12	91.5	103	6.4	7.45	29.2	Yes	1,481
25	8:39	1.09	64	70	7.5	7.42	26.7	Yes	2,171
26	8:36	0.98	64	63	8.3	7.36	24.5	Yes	2,156
27	12:11	0.96	91.5	88	8.9	7.40	23.7	Yes	1,586
28	11:29	0.91	91.5	83	8.3	7.24	23.2	Yes	1,487
29	16:49	1.04	91.5	95	7.9	7.35	25.2	Yes	1,586
30	11:38	0.87	91.5	80	8.0	7.34	24.4	Yes	1,565
31	12:09	0.85	91.5	78	8.4	7.34	23.7	Yes	1,616

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: Dec-22

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	7:00	4.226	7:30	4.845	8:00	4.418	
2	8:15	4.230	8:45	4.845	9:15	4.370	
3	8:15	4.232	8:45	4.845	9:15	4.406	
4	8:15	4.227	8:45	4.845	9:15	4.404	
5	8:15	4.224	8:45	4.845	9:15	4.425	
6	8:15	4.207	8:45	4.845	9:15	4.388	
7	8:15	4.226	8:45	4.845	9:15	4.422	
8	8:15	4.207	8:45	4.845	9:15	4.402	
9	8:15	4.233	8:45	4.845	9:15	4.406	
10	8:15	4.237	8:45	4.845	9:15	4.411	
11	8:15	4.233	8:45	4.845	9:15	4.419	
12	7:45	4.216	8:45	4.845	9:15	4.402	
13	7:45	4.219	8:45	4.845	9:15	4.375	
14	8:15	4.248	7:45	4.845	9:15	4.375	
15	8:15	4.252	7:45	4.845	9:15	4.379	
16	8:15	4.270	8:45	4.845	7:45	4.396	
17	8:15	4.272	8:45	4.845	7:30	4.329	
18	8:15	4.275	8:45	4.845	9:15	4.397	
19	8:15	4.244	9:45	4.845	10:15	4.439	
20	8:15	4.238	8:45	4.845	9:15	4.454	
21	8:15	4.197	8:45	4.845	9:15	4.453	
22	8:15	4.232	8:45	4.845	9:15	4.424	
23	8:15	4.245	8:45	4.845	9:15	4.442	
24	8:15	4.217	8:45	4.845	9:15	4.418	
25	8:15	4.228	8:45	4.845	9:15	4.359	
26	8:15	4.217	8:45	4.845	9:15	4.359	
27	8:15	4.197	8:45	4.845	9:15	4.364	
28	8:15	4.231	8:45	4.845	9:15	4.382	
29	8:15	4.240	8:45	4.845	9:15	4.415	
30	8:15	4.240	8:45	4.845	9:15	4.402	
31	8:15	4.224	8:45	4.845	9:15	4.387	

NIS = NOT IN SERVICE