

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Feb-23

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	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	0.012	0.012
4	OFF	OFF	OFF	0.012	0.012	OFF	0.012
5	OFF	OFF	OFF	0.012	0.012	0.012	0.012
6	OFF	OFF	OFF	0.012	0.012	OFF	0.012
7	OFF	OFF	OFF	0.012	0.012	0.012	0.012
8	OFF	OFF	OFF	0.012	0.012	OFF	0.012
9	0.012	0.012	OFF	OFF	0.012	0.012	0.012
10	OFF	OFF	OFF	0.012	0.012	0.012	0.012
11	OFF	OFF	0.012	0.012	0.012	0.012	0.012
12	OFF	OFF	0.012	0.012	0.012	0.012	0.012
13	OFF	OFF	OFF	0.012	0.012	0.012	0.012
14	OFF	OFF	OFF	0.012	0.012	OFF	0.012
15	OFF	OFF	0.012	0.012	0.012	0.012	0.012
16	OFF	OFF	OFF	0.012	0.012	OFF	0.012
17	OFF	OFF	0.012	0.012	0.012	0.012	0.012
18	OFF	OFF	0.012	0.012	0.012	0.012	0.012
19	0.012	OFF	0.012	0.012	0.012	0.012	0.012
20	OFF	OFF	0.012	0.012	0.012	0.012	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	OFF	0.012
24	OFF	OFF	0.012	0.012	0.012	OFF	0.012
25	OFF	OFF	OFF	0.012	0.012	0.012	0.012
26	0.012	OFF	0.013	0.012	0.012	0.012	0.013
27	0.012	0.012	0.012	0.012	0.012	OFF	0.012
28	OFF	OFF	0.012	0.012	0.012	OFF	0.012

<b>Slow Sand (Membrane) DE Filtration/ Unfiltered</b>		<b>Monthly Summary (Answer Yes or No)</b>	
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
<b>Notes:</b>	Printed Name:		
	Signature: <i>Caleb L Needles</i>	Date: 3/3/2023	
	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:	Feb-23
System Name:		Umpqua Basin Water Assoc		ID#: OR41 00719		WTP: A		Disinfection <i>Giardia</i> Log Inactive:	0.5
Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	11:58	0.93	64	60	2.4	7.56	39.0	Yes	2,165
2	14:59	0.98	91.5	90	2.9	7.56	38.0	Yes	1,523
3	9:42	0.96	64	61	2.8	7.58	38.3	Yes	2,199
4	17:16	1.04	91.5	95	4.9	7.62	34.0	Yes	1,604
5	8:23	1.00	64	64	5.1	7.60	33.2	Yes	2,176
6	11:11	1.13	73	82	6.1	7.68	32.3	Yes	2,055
7	12:48	0.84	64	54	6.4	7.70	30.9	Yes	2,185
8	10:50	0.96	64	61	6.2	7.72	31.9	Yes	2,180
9	18:06	0.98	91.5	90	6.9	7.63	29.6	Yes	1,574
10	11:22	1.13	64	72	6.6	7.65	31.0	Yes	2,142
11	8:27	0.99	91.5	91	6.8	7.51	28.6	Yes	1,485
12	9:33	1.01	91.5	92	6.6	7.79	32.0	Yes	1,434
13	16:55	1.06	64	68	7.4	7.73	29.9	Yes	2,124
14	10:00	1.03	64	66	6.3	7.84	33.4	Yes	2,185
15	16:00	0.97	91.5	89	5.7	7.74	33.3	Yes	1,525
16	11:19	0.89	91.5	81	4.7	7.78	35.9	Yes	1,594
17	14:00	0.92	64	59	4.4	7.66	35.1	Yes	2,150
18	13:00	0.97	91.5	88	4.7	7.82	36.8	Yes	1,609
19	12:00	0.98	91.5	90	5.1	7.94	37.4	Yes	1,539
20	10:33	0.89	91.5	81	5.4	7.88	35.5	Yes	1,565
21	14:44	1.07	64	68	6.3	7.82	33.4	Yes	2,138
22	11:10	0.95	110	105	5.7	7.91	35.5	Yes	1,380
23	15:01	0.94	91.5	86	5.1	7.76	35.0	Yes	1,461
24	13:33	1.04	64	67	4.6	7.55	33.8	Yes	2,177
25	12:48	1.01	91.5	92	4.4	7.89	38.7	Yes	1,586
26	8:39	0.93	91.5	85	4.6	8.08	40.7	Yes	1,555
27	11:10	1.11	91.5	102	4.7	7.73	36.1	Yes	1,607
28	9:12	0.92	91.5	84	4.5	7.63	34.6	Yes	1,394

<sup>3</sup> If Cl<sub>2</sub> 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: Feb-23**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.223	8:45	4.845	9:15	4.453	
2	8:15	4.251	8:45	4.845	9:15	4.433	
3	8:15	4.204	10:30	4.845	9:15	4.444	
4	8:15	4.241	8:45	4.845	9:15	4.463	
5	8:15	4.212	8:45	4.845	9:15	4.421	
6	9:45	4.223	8:45	4.845	9:15	4.424	
7	8:15	4.232	8:45	4.845	9:15	4.410	
8	8:15	4.217	8:45	4.845	9:15	4.406	
9	8:15	4.221	8:45	4.845	9:15	4.405	
10	8:15	4.215	8:45	4.845	9:15	4.393	
11	8:15	4.214	8:45	4.845	9:15	4.395	
12	9:30	4.211	8:45	4.845	9:15	4.384	
13	8:15	4.214	8:45	4.845	9:15	4.385	
14	8:15	4.226	8:45	4.845	9:15	4.401	
15	8:15	4.218	8:45	4.845	9:15	4.403	
16	8:15	4.215	8:45	4.845	9:15	4.383	
17	8:15	4.228	8:45	4.845	9:15	4.397	
18	8:15	4.235	8:45	4.845	9:15	4.384	
19	8:15	4.211	8:45	4.845	9:15	4.379	
20	8:15	4.226	8:45	4.845	9:15	4.365	
21	8:15	4.221	8:45	4.845	9:15	4.361	
22	8:15	4.213	8:45	4.845	9:15	4.389	
23	8:15	4.209	8:45	4.845	9:15	4.379	
24	8:15	4.210	8:45	4.845	9:15	4.384	
25	8:15	4.221	8:45	4.845	9:15	4.409	
26	8:15	4.224	8:45	4.845	9:15	4.363	
27	8:15	4.206	8:45	4.845	9:15	4.350	
28	8:15	4.225	8:45	4.845	9:15	4.359	

**NIS = NOT IN SERVICE**