

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Nov-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	OFF	0.012
2	0.012	OFF	0.012	0.012	0.012	0.012	0.012
3	OFF	OFF	OFF	OFF	OFF	0.012	0.012
4	OFF	OFF	OFF	0.012	0.012	0.012	0.012
5	OFF	OFF	OFF	0.012	0.012	OFF	0.012
6	OFF	OFF	OFF	0.012	0.012	0.012	0.012
7	OFF	OFF	OFF	0.012	0.012	0.012	0.012
8	OFF	OFF	OFF	OFF	0.013	0.012	0.013
9	0.012	OFF	OFF	0.012	0.012	OFF	0.012
10	OFF	OFF	OFF	0.012	0.012	0.012	0.012
11	OFF	OFF	OFF	0.012	OFF	OFF	0.012
12	OFF	OFF	OFF	0.012	0.012	0.012	0.012
13	0.012	0.012	OFF	0.012	OFF	0.012	0.012
14	OFF	OFF	OFF	0.012	0.012	0.012	0.012
15	0.012	OFF	OFF	OFF	0.012	0.012	0.012
16	0.012	OFF	OFF	0.012	0.012	0.012	0.012
17	OFF	OFF	OFF	0.012	0.012	0.012	0.012
18	0.012	OFF	0.012	0.012	0.012	OFF	0.012
19	OFF	OFF	OFF	0.012	0.012	0.012	0.012
20	0.012	OFF	0.012	0.012	0.012	0.012	0.012
21	OFF	OFF	0.012	0.012	0.012	OFF	0.012
22	OFF	OFF	0.012	0.012	0.012	0.012	0.012
23	OFF	OFF	0.012	0.012	0.012	0.012	0.012
24	OFF	OFF	0.012	0.012	0.012	0.012	0.012
25	OFF	OFF	0.012	0.012	0.012	0.012	0.012
26	OFF	OFF	0.012	0.012	0.012	0.012	0.012
27	0.012	0.012	0.012	0.012	0.012	OFF	0.012
28	OFF	OFF	0.012	0.012	0.012	0.012	0.012
29	OFF	OFF	OFF	0.012	0.012	0.012	0.012
30	OFF	OFF	OFF	0.012	0.012	0.012	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? <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: <b>Caleb Needles</b>		
<b>Notes:</b>	Signature: <i>Caleb L Needles</i>		Date: 12/5/2022
	Phone #: <b>541-672-5559</b>		Cert #: <b>T-09378</b>

(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: Nov-22
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	12:30	0.91	91.5	83	11.1	7.85	24.0	Yes	1,445
2	14:30	0.91	64	58	9.8	7.74	25.1	Yes	2,183
3	17:14	0.85	64	54	9.1	7.79	26.6	Yes	2,139
4	11:28	0.86	73	63	8.8	7.94	28.7	Yes	2,048
5	13:41	0.93	64	60	9.8	7.88	26.4	Yes	2,162
6	14:00	0.85	64	54	9.4	7.63	24.5	Yes	2,182
7	12:02	0.76	64	49	8.9	7.50	24.0	Yes	2,174
8	16:38	0.83	73	61	8.2	7.59	26.3	Yes	2,054
9	16:45	0.86	73	63	8.1	7.67	27.4	Yes	2,025
10	16:20	0.94	64	60	7.6	7.80	29.9	Yes	2,188
11	9:30	0.87	91.5	80	7.1	7.78	30.5	Yes	1,603
12	18:30	0.91	110	100	6.9	7.80	31.1	Yes	1,382
13	8:48	0.98	91.5	90	6.5	7.78	32.1	Yes	1,528
14	16:00	0.88	64	56	7.4	7.87	30.8	Yes	2,174
15	18:00	0.84	91.5	77	6.5	7.61	29.7	Yes	1,618
16	17:11	0.78	91.5	71	5.4	7.77	33.7	Yes	1,589
17	12:24	0.79	91.5	72	4.7	7.84	36.4	Yes	1,490
18	9:56	0.96	73	70	4.2	7.88	38.9	Yes	2,062
19	23:15	0.98	91.5	90	4.0	7.93	40.2	Yes	1,629
20	7:46	1.00	91.5	92	3.8	7.89	40.3	Yes	1,607
21	8:54	0.96	73	70	3.3	7.94	42.4	Yes	2,057
22	8:49	0.94	73	69	3.8	7.81	38.9	Yes	2,055
23	15:36	1.04	64	66	5.0	7.97	38.3	Yes	2,139
24	7:45	0.99	64	63	5.2	8.00	38.1	Yes	2,205
25	13:28	1.04	91.5	95	5.3	7.92	37.0	Yes	1,605
26	13:44	0.99	91.5	91	5.5	7.98	37.0	Yes	1,585
27	10:00	0.92	91.5	84	5.7	7.98	36.3	Yes	1,599
28	13:12	0.93	91.5	85	6.5	7.96	34.0	Yes	1,425
29	10:01	0.95	64	61	5.9	7.98	35.8	Yes	2,199
30	10:59	0.88	91.5	81	6.3	7.93	34.0	Yes	1,613

<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: Nov-22**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.219	8:45	4.845	9:15	4.239	
2	8:15	4.210	8:45	4.845	9:15	4.380	
3	8:15	4.206	8:45	4.845	9:15	4.403	
4	8:15	4.202	8:45	4.845	9:15	4.403	
5	8:15	4.180	8:45	4.845	9:15	4.371	
6	7:15	4.189	7:45	4.845	8:15	4.391	
7	8:15	4.198	8:45	4.845	7:45	4.351	
8	8:15	4.209	8:45	4.845	7:45	4.374	
9	7:45	4.187	8:45	4.845	9:15	4.342	
10	7:45	4.166	8:45	4.845	9:15	4.389	
11	8:15	4.256	7:45	4.845	9:15	4.425	
12	8:15	4.271	7:45	4.845	9:15	4.437	
13	8:15	4.265	8:45	4.845	9:15	4.415	
14	8:45	4.271	8:15	4.845	9:15	4.452	
15	8:15	4.279	7:45	4.845	9:15	4.438	
16	8:15	4.268	8:45	4.845	9:15	4.436	
17	8:15	4.245	8:45	4.845	9:15	4.466	
18	8:15	4.285	8:45	4.845	9:15	4.452	
19	8:15	4.277	8:45	4.845	9:15	4.456	
20	8:15	4.285	8:45	4.845	9:15	4.452	
21	8:15	4.278	8:45	4.845	9:15	4.448	
22	8:15	4.276	8:45	4.845	9:15	4.449	
23	8:15	4.258	8:45	4.845	9:15	4.453	
24	7:00	4.253	7:30	4.845	8:00	4.442	
25	8:15	4.276	8:45	4.845	9:15	4.430	
26	8:15	4.240	8:45	4.845	9:15	4.431	
27	8:15	4.246	8:45	4.845	9:15	4.420	
28	8:15	4.248	8:45	4.845	9:15	4.438	
29	8:15	4.268	8:45	4.845	9:15	4.433	
30	8:15	4.223	8:45	4.845	9:15	4.391	

**NIS = NOT IN SERVICE**