

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Jan-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	OFF	OFF	OFF	0.012	0.012	OFF	0.012
2	OFF	OFF	0.012	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	OFF	OFF	0.012	OFF	0.012	0.012	0.012
6	OFF	OFF	OFF	0.012	OFF	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	OFF	OFF	OFF	0.012	0.012	0.012	0.012
10	0.012	OFF	OFF	0.012	0.012	0.012	0.012
11	OFF	OFF	OFF	0.012	0.012	0.012	0.012
12	0.012	OFF	OFF	0.012	0.012	0.012	0.012
13	OFF	OFF	0.012	0.012	0.011	0.011	0.012
14	OFF	OFF	OFF	0.012	0.013	0.012	0.013
15	OFF	OFF	0.013	0.012	0.012	0.012	0.013
16	OFF	OFF	0.012	0.012	0.012	OFF	0.012
17	OFF	OFF	OFF	0.012	0.012	OFF	0.012
18	OFF	OFF	OFF	0.012	0.012	0.012	0.012
19	OFF	OFF	OFF	0.012	0.012	OFF	0.012
20	OFF	OFF	0.012	0.012	0.012	0.012	0.012
21	0.012	OFF	OFF	0.012	OFF	OFF	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	0.013	OFF	0.013
25	OFF	OFF	OFF	0.012	0.012	0.012	0.012
26	0.012	OFF	OFF	OFF	0.012	0.013	0.013
27	OFF	OFF	OFF	OFF	0.012	0.012	0.012
28	0.012	OFF	OFF	0.012	0.012	0.012	0.012
29	OFF	OFF	OFF	0.012	0.012	OFF	0.012
30	OFF	OFF	OFF	0.012	0.012	0.012	0.012
31	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: 2/2/2023
	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: Jan-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	13:46	0.97	91.5	89	8.2	7.28	23.9	Yes	1,630
2	10:25	0.99	91.5	91	6.7	7.30	26.6	Yes	1,581
3	11:16	0.91	91.5	83	6.3	7.33	27.5	Yes	1,566
4	12:54	1.07	91.5	98	6.1	7.46	29.6	Yes	1,522
5	14:23	1.16	64	74	7.4	7.41	27.0	Yes	2,182
6	11:13	0.96	64	62	6.9	7.35	26.6	Yes	2,177
7	13:28	1.03	64	66	7.3	7.45	27.2	Yes	2,159
8	12:36	1.00	64	64	7.6	7.39	26.0	Yes	2,166
9	11:53	0.95	91.5	87	7.4	7.39	26.1	Yes	1,456
10	16:48	0.99	91.5	90	6.6	7.48	28.7	Yes	1,565
11	10:56	0.90	91.5	82	6.3	7.39	27.9	Yes	1,631
12	12:50	1.16	91.5	106	7.0	7.44	28.0	Yes	1,585
13	13:03	1.14	91.5	104	8.1	7.47	26.3	Yes	1,613
14	11:35	1.01	91.5	92	8.4	7.36	24.4	Yes	1,405
15	15:52	0.97	91.5	89	8.4	7.48	25.4	Yes	1,519
16	14:11	0.98	91.5	90	7.6	7.55	27.4	Yes	1,668
17	14:28	1.00	64	64	7.1	7.46	27.6	Yes	2,147
18	10:51	1.08	91.5	99	6.6	7.44	28.5	Yes	1,594
19	12:53	1.08	73	79	6.4	7.34	27.9	Yes	2,048
20	10:05	0.94	73	69	5.7	7.35	28.8	Yes	2,053
21	11:13	1.02	91.5	93	5.0	7.43	31.4	Yes	1,554
22	10:07	1.10	64	70	4.9	7.36	31.2	Yes	2,157
23	16:22	1.02	91.5	93	5.2	7.50	31.8	Yes	1,545
24	13:55	0.95	91.5	87	5.1	7.49	31.6	Yes	1,581
25	16:26	1.11	91.5	102	5.0	7.47	32.2	Yes	1,616
26	16:00	1.18	64	76	4.7	7.48	33.2	Yes	2,142
27	16:44	0.96	64	61	5.3	7.52	31.6	Yes	2,170
28	12:30	1.08	64	69	5.4	7.58	32.5	Yes	2,156
29	11:23	0.98	64	63	5.4	7.44	30.5	Yes	2,185
30	18:18	1.02	91.5	93	4.3	7.61	35.1	Yes	1,575
31	17:17	1.09	64	70	3.2	7.69	39.5	Yes	2,178

<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: Jan-23**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.217	8:45	4.845	9:15	4.426	
2	8:15	4.223	8:45	4.845	9:15	4.413	
3	8:15	4.226	8:45	4.845	9:15	4.413	
4	8:15	4.232	8:45	4.845	9:15	4.446	
5	8:15	4.232	8:45	4.845	9:15	4.424	
6	8:15	4.242	8:45	4.845	9:15	4.410	
7	7:15	4.197	7:45	4.845	8:15	4.415	
8	7:15	4.217	7:45	4.845	8:15	4.420	
9	8:15	4.234	8:45	4.845	9:15	4.420	
10	8:15	4.229	8:45	4.845	9:15	4.435	
11	8:15	4.227	8:45	4.845	9:15	4.451	
12	8:15	4.211	8:45	4.845	9:15	4.421	
13	8:15	4.217	8:45	4.845	9:15	4.396	
14	8:15	4.230	8:45	4.845	9:15	4.418	
15	8:15	4.218	8:45	4.845	9:15	4.375	
16	8:15	4.230	8:45	4.845	9:15	4.367	
17	8:15	4.207	8:45	4.845	9:15	4.404	
18	8:15	4.225	8:45	4.845	9:15	4.394	
19	8:15	4.207	8:45	4.845	9:15	4.416	
20	8:15	4.241	8:45	4.845	9:15	4.407	
21	8:15	4.232	8:45	4.845	9:15	4.406	
22	8:15	4.231	8:45	4.845	9:15	4.426	
23	8:15	4.225	7:45	4.845	8:45	4.434	
24	8:15	4.220	7:45	4.845	8:45	4.399	
25	8:15	4.221	8:45	4.845	7:45	4.389	
26	7:00	4.202	7:20	4.845	7:40	4.323	
27	7:45	4.147	8:45	4.845	9:15	4.395	
28	7:45	4.079	8:45	4.845	9:15	4.414	
29	8:15	4.209	8:45	4.845	9:15	4.416	
30	8:15	4.233	8:45	4.845	9:15	4.429	
31	8:15	4.197	8:45	4.845	9:15	4.448	

**NIS = NOT IN SERVICE**