

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A

Month/Year: Jun-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	0.013	OFF	0.014	0.013	0.013	0.013	0.014
2	0.013	OFF	0.014	0.013	0.014	0.014	0.014
3	0.014	OFF	0.014	0.014	0.014	0.014	0.014
4	0.014	0.014	0.014	0.014	0.014	0.014	0.014
5	0.015	0.014	0.014	0.014	0.015	0.014	0.015
6	0.014	0.015	0.017	0.014	0.014	0.014	0.017
7	0.014	0.014	0.014	0.014	0.013	0.012	0.014
8	0.013	0.013	0.013	0.012	0.013	0.013	0.013
9	0.013	0.013	0.013	0.013	0.013	0.014	0.014
10	OFF	OFF	0.013	0.013	0.013	0.013	0.013
11	0.013	0.013	0.013	0.014	0.014	0.013	0.014
12	0.013	OFF	0.013	0.013	0.021	0.021	0.021
13	0.018	0.018	0.017	0.017	0.017	0.017	0.018
14	0.017	0.017	0.016	0.016	0.016	0.016	0.017
15	0.015	0.015	0.015	0.015	0.015	0.015	0.015
16	0.015	0.017	0.017	0.015	0.015	0.015	0.017
17	0.015	0.015	0.015	0.015	0.015	0.015	0.015
18	0.015	0.015	0.015	0.016	0.015	0.015	0.016
19	0.015	0.015	0.015	0.015	0.015	OFF	0.015
20	0.015	0.015	0.015	0.015	0.015	0.015	0.015
21	OFF	OFF	0.015	0.015	0.015	0.015	0.015
22	0.015	0.015	0.015	0.015	0.015	0.015	0.015
23	0.015	0.015	0.015	0.015	0.015	0.015	0.015
24	0.015	0.015	0.015	0.015	0.015	0.015	0.015
25	0.015	0.015	0.015	0.015	0.015	0.015	0.015
26	0.015	0.015	0.015	0.018	0.015	0.015	0.018
27	0.015	0.015	0.015	0.015	0.015	0.015	0.015
28	0.015	0.015	0.015	0.016	0.016	0.015	0.016
29	0.015	0.015	0.015	0.016	0.015	0.015	0.016
30	0.015	0.015	0.015	0.015	0.015	0.015	0.015

<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: <b>Caleb Needles</b>		
	Signature: <i>Caleb L Needles</i>	Date: 7/5/2023	
	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:	Jun-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	11:51	1.10	64	70	16.7	7.52	14.9	Yes	2,234
2	11:06	1.10	64	70	16.7	7.51	14.9	Yes	2,255
3	10:32	1.14	73	83	17.0	7.61	15.2	Yes	2,073
4	13:47	1.02	64	65	18.1	7.46	13.2	Yes	2,199
5	15:30	0.84	64	54	19.1	7.47	12.1	Yes	2,242
6	19:52	1.00	64	64	20.8	7.52	11.2	Yes	2,164
7	15:49	0.92	64	59	20.2	7.45	11.2	Yes	2,155
8	14:54	1.06	73	77	19.7	7.48	11.9	Yes	2,032
9	8:53	0.97	64	62	19.2	7.55	12.6	Yes	2,253
10	16:02	0.97	64	62	20.5	7.54	11.5	Yes	2,265
11	8:59	0.95	73	69	19.4	7.63	12.7	Yes	2,063
12	14:03	0.99	64	63	21.3	7.45	10.5	Yes	2,178
13	14:27	0.97	73	71	21.6	7.43	10.2	Yes	2,042
14	11:45	0.97	73	71	20.0	7.46	11.5	Yes	2,026
15	18:08	0.99	91.5	91	20.7	7.57	11.5	Yes	1,687
16	14:00	0.97	91.5	89	20.2	7.51	11.6	Yes	1,672
17	16:00	0.96	64	61	21.0	7.48	10.8	Yes	2,119
18	12:32	1.00	91.5	92	19.2	7.47	12.2	Yes	1,636
19	14:53	1.03	64	66	18.5	7.43	12.7	Yes	2,146
20	9:05	0.97	64	62	16.6	7.44	14.4	Yes	2,143
21	16:37	0.98	64	63	18.2	7.52	13.3	Yes	2,115
22	8:52	1.17	64	75	18.8	7.56	13.3	Yes	2,169
23	18:08	0.99	64	63	20.8	7.64	11.7	Yes	2,244
24	19:00	0.99	64	63	20.7	7.54	11.3	Yes	2,088
25	12:01	1.09	64	70	19.7	7.52	12.2	Yes	2,254
26	8:23	1.11	64	71	20.3	7.69	12.5	Yes	2,166
27	13:26	1.09	64	70	21.3	7.53	11.0	Yes	2,134
28	10:45	1.19	64	76	21.2	7.52	11.1	Yes	2,194
29	11:42	1.03	73	75	22.1	7.55	10.4	Yes	2,020
30	10:00	1.09	64	70	24.9	7.90	9.9	Yes	2,155

<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: Jun-23**

Day	Time	Log Removal Value				Notes	
		ZW 1	Time	ZW 2	Time		ZW 3
1	8:15	4.133	8:45	4.845	9:15	4.261	
2	8:15	4.134	8:45	4.845	9:15	4.246	
3	8:15	4.106	8:45	4.845	9:15	4.231	
4	8:15	4.094	8:45	4.845	9:15	4.217	
5	8:15	4.117	8:45	4.845	9:15	4.220	
6	8:15	4.083	8:45	4.845	9:15	4.196	
7	8:15	4.078	8:45	4.845	9:15	4.201	
8	8:15	4.078	8:45	4.845	9:15	4.232	
9	8:15	4.098	8:45	4.845	9:15	4.180	
10	8:15	4.085	8:45	4.845	9:15	4.215	
11	8:15	4.078	8:45	4.845	9:15	4.173	
12	8:15	4.065	8:45	4.845	9:15	4.177	
13	8:15	4.039	8:45	4.845	9:15	4.164	
14	8:15	4.056	8:45	4.845	9:15	4.174	
15	11:00	4.023	8:45	4.845	9:15	4.162	
16	8:15	4.845	8:45	4.845	9:15	4.165	
17	8:15	4.845	8:45	4.845	9:15	4.150	
18	8:15	4.845	8:45	4.845	9:15	4.161	
19	8:15	4.845	8:45	4.845	9:15	4.168	
20	8:15	4.845	8:45	4.845	9:15	4.162	
21	8:15	4.268	8:45	4.845	9:15	4.186	
22	8:15	4.232	8:45	4.845	9:15	4.145	
23	8:15	4.216	8:45	4.845	9:15	4.130	
24	8:15	4.231	8:45	4.845	9:15	4.148	
25	8:15	4.215	8:45	4.845	9:15	4.113	
26	8:15	4.219	8:45	4.845	9:15	4.107	
27	8:15	4.215	8:45	4.845	9:15	4.112	
28	8:15	4.235	8:45	4.845	9:15	4.060	
29	8:15	NIS	8:45	4.845	9:15	4.090	
30	8:15	NIS	8:45	4.845	7:45	4.072	

**NIS = NOT IN SERVICE**