

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Sep-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	0.015	OFF	0.016	0.016	0.016	0.016	0.016
2	0.016	OFF	0.018	0.014	0.015	0.015	0.018
3	OFF	OFF	0.015	0.015	0.015	0.015	0.015
4	0.016	OFF	0.016	0.015	0.015	0.016	0.016
5	OFF	OFF	OFF	0.016	0.016	0.016	0.016
6	0.017	OFF	0.016	0.016	0.017	0.016	0.017
7	0.016	OFF	0.017	0.017	0.015	0.015	0.017
8	OFF	OFF	0.015	0.015	0.015	0.015	0.015
9	0.015	0.014	0.015	0.014	0.015	0.015	0.015
10	0.015	OFF	0.015	0.015	0.016	0.015	0.016
11	0.015	OFF	0.016	0.015	0.016	0.016	0.016
12	OFF	OFF	0.016	0.016	0.016	0.016	0.016
13	OFF	OFF	0.016	0.016	0.016	0.016	0.016
14	0.017	OFF	0.016	0.016	0.016	0.016	0.017
15	0.016	0.016	0.017	0.016	0.016	0.015	0.017
16	0.016	0.017	0.016	0.016	0.016	0.016	0.017
17	0.016	0.016	0.016	0.016	0.016	0.017	0.017
18	OFF	OFF	0.016	0.017	0.016	0.016	0.017
19	0.017	0.016	0.016	0.017	0.016	0.016	0.017
20	0.016	0.016	OFF	0.016	0.016	0.016	0.016
21	0.016	0.027	0.016	0.016	0.016	0.016	0.027
22	0.016	0.016	0.016	0.016	0.016	0.016	0.016
23	0.016	0.016	0.016	0.016	0.016	0.016	0.016
24	0.016	0.016	0.016	0.016	0.016	0.016	0.016
25	0.016	0.016	0.016	0.017	0.016	0.016	0.017
26	OFF	OFF	0.017	0.017	0.016	0.017	0.017
27	0.021	OFF	0.016	0.016	0.016	0.017	0.021
28	OFF	OFF	0.017	0.016	0.017	0.017	0.017
29	OFF	OFF	0.017	0.017	0.017	0.017	0.017
30	0.016	0.017	0.016	0.016	0.017	0.017	0.017

<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			
<b>Notes:</b>	Printed Name: <b>Caleb Needles</b>		
	Signature: <i>Caleb L Needles</i>	Date: 10/3/2023	
	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:	Sep-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	9:35	0.98	55	54	19.3	7.72	13.3	Yes	2,639
2	13:30	1.00	64	64	19.9	7.57	12.1	Yes	2,384
3	11:59	1.06	73	77	19.6	7.64	12.8	Yes	2,056
4	11:05	1.12	55	62	19.7	7.93	14.3	Yes	2,457
5	12:31	1.03	49.5	51	18.8	7.71	13.8	Yes	2,905
6	16:19	1.07	64	68	19.6	7.69	13.1	Yes	2,157
7	12:32	0.96	64	61	18.8	7.56	12.9	Yes	2,417
8	12:00	0.95	55	52	18.5	7.58	13.3	Yes	2,492
9	20:00	1.01	73	74	20.8	7.90	12.9	Yes	1,985
10	10:12	1.05	64	67	19.4	7.69	13.1	Yes	2,123
11	7:07	0.89	73	65	19.2	7.89	14.1	Yes	1,847
12	10:44	1.09	55	60	19.2	7.74	13.7	Yes	2,464
13	6:28	0.95	73	69	19.6	8.09	15.0	Yes	1,876
14	16:04	1.24	55	68	20.3	7.70	12.7	Yes	2,549
15	8:30	1.17	91.5	107	19.3	7.67	13.4	Yes	1,708
16	14:50	1.18	64	76	20.2	7.67	12.6	Yes	2,084
17	10:31	0.97	64	62	19.4	7.62	12.7	Yes	2,142
18	12:02	1.18	73	86	19.3	7.83	14.2	Yes	1,956
19	20:12	1.21	91.5	111	19.2	7.86	14.5	Yes	1,659
20	11:25	1.23	91.5	113	17.7	7.60	14.6	Yes	1,588
21	18:47	1.20	91.5	110	17.6	7.81	15.9	Yes	1,730
22	21:02	1.16	73	84	17.5	8.11	17.7	Yes	1,772
23	16:50	1.02	91.5	93	16.5	7.74	16.3	Yes	1,670
24	7:44	0.96	91.5	88	15.5	7.85	18.0	Yes	1,561
25	8:22	0.95	91.5	87	14.4	7.60	17.6	Yes	1,597
26	14:22	1.00	91.5	92	14.3	7.61	17.8	Yes	1,620
27	10:02	1.00	91.5	92	14.4	7.75	18.7	Yes	1,554
28	15:55	1.09	73	80	15.3	7.68	17.3	Yes	2,072
29	9:16	0.96	64	61	15.5	7.90	18.3	Yes	2,305
30	16:20	0.89	73	65	15.1	7.63	16.9	Yes	1,988

<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: Sep-23**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.447	8:45	4.845	9:15	4.681	
2	8:15	4.460	8:45	4.845	9:15	4.672	
3	8:30	4.456	8:45	4.845	9:15	4.665	
4	8:30	4.423	8:45	4.845	9:15	4.643	
5	8:15	4.436	9:00	4.845	9:15	4.679	
6	8:15	4.465	8:45	4.845	9:15	4.664	
7	8:15	4.449	8:45	4.845	9:15	4.664	
8	8:15	4.590	8:45	4.845	9:15	4.666	
9	8:15	4.574	8:45	4.845	9:15	4.764	
10	8:15	4.576	8:45	4.845	9:15	4.730	
11	8:15	4.563	8:45	4.845	9:15	4.733	
12	8:15	4.551	8:45	4.845	9:15	4.749	
13	7:45	4.552	8:45	4.845	8:15	4.733	
14	7:15	4.037	8:45	4.845	7:45	4.159	
15	8:00	4.035	8:45	4.845	8:30	4.190	
16	8:15	NIS	8:45	4.485	9:15	4.204	ZW1 NIS/MBR replace
17	8:15	NIS	8:45	4.845	9:15	4.184	ZW1 NIS/MBR replace
18	8:15	NIS	8:45	4.845	9:15	4.198	ZW1 NIS/MBR replace
19	8:15	NIS	8:45	4.845	9:15	NIS	
20	8:15	NIS	8:45	4.845	9:15	NIS	
21	8:15	NIS	8:15	4.845	9:15	NIS	
22	8:15	NIS	8:15	4.845	9:15	NIS	
23	8:15	NIS	8:15	4.845	9:15	NIS	
24	8:15	NIS	8:15	4.845	9:15	NIS	
25	8:15	NIS	8:15	4.845	9:15	NIS	
26	8:15	NIS	8:45	4.845	9:15	NIS	
27	8:15	NIS	8:45	4.845	9:15	NIS	
28	15:30	4.817	8:45	4.845	9:15	NIS	
29	8:15	4.845	8:45	4.845	9:15	NIS	
30	8:15	4.845	8:45	4.845	9:15	NIS	

**NIS = NOT IN SERVICE**