

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Jul-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	0.017	0.016	0.023	0.016	0.022	0.016	0.023
2	0.015	0.016	0.012	0.024	0.016	0.015	0.024
3	0.015	0.015	0.015	0.015	0.017	0.015	0.017
4	0.017	0.017	0.018	0.015	0.017	0.017	0.018
5	0.021	0.016	0.018	0.018	0.017	0.018	0.021
6	0.017	0.016	0.016	0.017	0.018	0.016	0.018
7	0.016	0.016	0.015	0.016	0.017	0.016	0.017
8	0.016	0.016	0.016	0.016	0.016	0.016	0.016
9	0.016	OFF	0.016	0.017	0.016	0.017	0.017
10	0.017	0.017	0.016	0.016	0.016	0.015	0.017
11	0.016	0.016	0.017	0.016	0.016	0.016	0.017
12	0.017	0.015	0.015	0.015	0.017	0.016	0.017
13	0.016	0.016	0.015	0.015	0.016	0.017	0.017
14	0.015	0.015	0.015	0.016	0.019	0.014	0.019
15	0.016	0.018	0.014	0.014	0.015	0.014	0.018
16	0.014	0.015	0.015	0.019	0.019	0.019	0.019
17	0.019	0.016	0.014	0.017	0.016	0.014	0.019
18	0.014	OFF	0.014	0.014	0.019	0.019	0.019
19	0.015	0.015	0.014	0.014	0.015	0.015	0.015
20	0.014	0.014	0.017	0.014	0.018	0.017	0.018
21	0.016	0.016	0.015	0.018	0.014	0.015	0.018
22	0.015	0.015	0.014	0.016	0.014	0.014	0.016
23	0.014	0.014	0.014	0.014	0.016	0.015	0.016
24	0.016	0.015	0.015	0.015	0.015	0.015	0.016
25	0.016	0.015	0.015	0.015	0.015	0.015	0.016
26	0.015	OFF	0.018	0.015	0.018	0.018	0.018
27	0.019	0.015	0.015	0.016	0.016	OFF	0.019
28	0.016	OFF	0.016	0.015	0.015	0.018	0.018
29	0.017	0.016	0.017	0.016	0.019	0.019	0.019
30	0.016	0.016	OFF	0.016	0.016	0.016	0.016
31	0.017	0.017	0.016	0.018	0.016	0.017	0.018

Slow Sand (Membrane) DE Filtration/ Unfiltered	Monthly Summary (Answer Yes or No)	
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		
Notes:	Printed Name: Caleb Needles	
	Signature: <i>Caleb L Needles</i>	Date: 8/4/2023
	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:	Jul-23
System Name:		Umpqua Basin Water Assoc		ID#: OR41 00719		WTP: A		Disinfection <i>Giardia</i> Log Inactive:	0.5	
Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow	
		[ppm or mg/L]	[minutes]	C X T	[° C]	formula		Yes / No	[GPM]	
1	11:00	1.00	73	73	23.1	7.50	9.5	Yes	2,027	
2	13:00	0.93	64	60	23.1	7.44	9.2	Yes	2,148	
3	18:00	0.87	64	56	24.8	7.60	8.7	Yes	2,132	
4	12:00	0.91	64	58	22.9	7.48	9.5	Yes	2,151	
5	10:31	0.79	64	51	23.1	7.46	9.1	Yes	2,128	
6	11:38	0.92	49.5	46	23.3	7.64	9.8	Yes	3,028	
7	17:18	0.86	64	55	24.2	7.81	9.8	Yes	2,334	
8	17:10	0.84	73	61	23.1	7.59	9.7	Yes	1,947	
9	11:10	0.81	64	52	21.7	7.53	10.4	Yes	2,282	
10	20:01	1.06	49.5	52	23.7	7.91	10.8	Yes	2,993	
11	19:49	1.02	55	56	24.3	7.97	10.5	Yes	2,595	
12	20:32	1.16	55	64	24.8	8.08	10.7	Yes	2,445	
13	22:59	1.16	49.5	57	25.1	8.13	10.8	Yes	2,835	
14	7:10	0.98	55	54	23.6	7.46	9.1	Yes	2,494	
15	15:43	1.10	73	80	25.3	7.45	8.1	Yes	1,756	
16	14:46	1.11	73	81	25.0	7.53	8.5	Yes	1,970	
17	11:42	0.97	55	53	24.0	7.50	8.9	Yes	2,565	
18	13:22	0.90	64	58	23.9	7.54	9.1	Yes	2,392	
19	18:34	0.83	73	61	25.6	7.84	8.9	Yes	1,864	
20	14:07	1.06	55	58	24.0	7.46	8.9	Yes	2,588	
21	11:24	1.00	64	64	23.6	7.46	9.1	Yes	2,293	
22	3:41	1.09	73	80	24.0	8.17	11.6	Yes	1,962	
23	11:51	0.92	64	59	24.2	7.48	8.7	Yes	2,344	
24	11:38	0.94	73	69	23.8	7.50	9.0	Yes	1,965	
25	12:46	0.96	73	70	24.2	7.52	8.8	Yes	1,969	
26	21:45	0.85	55	47	25.3	8.30	10.9	Yes	2,590	
27	7:13	0.86	55	47	23.2	7.74	10.2	Yes	2,555	
28	15:30	0.91	55	50	23.7	7.70	9.7	Yes	2,571	
29	14:28	0.93	64	60	23.3	7.57	9.6	Yes	2,414	
30	13:22	0.94	64	60	22.8	7.55	9.8	Yes	2,336	
31	9:31	0.95	64	61	22.4	7.64	10.4	Yes	2,392	

³ If Cl₂ 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: Jul-23

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	NIS	8:45	4.845	9:15	4.048	
2	8:15	NIS	8:45	4.845	9:15	4.030	
3	8:15	NIS	8:45	4.845	9:15	4.796	
4	8:15	NIS	8:45	4.845	9:15	4.739	
5	8:15	NIS	8:45	4.845	9:15	4.735	
6	8:15	NIS	8:45	4.845	9:15	4.730	
7	12:30	4.628	8:45	4.845	9:15	4.717	
8	8:15	NIS	8:45	4.845	9:15	4.729	
9	8:15	NIS	8:45	4.845	9:15	4.712	
10	8:30	4.451	8:45	4.845	7:45	4.689	
11	8:15	NIS	8:45	4.845	7:45	4.792	
12	8:15	NIS	7:45	4.845	9:15	4.789	
13	8:15	NIS	7:45	4.845	9:15	4.762	
14	8:15	NIS	8:45	4.845	9:15	4.754	
15	8:15	NIS	8:45	4.845	9:15	4.728	
16	8:15	NIS	8:45	4.845	9:15	4.712	
17	8:15	NIS	8:45	4.845	9:15	4.699	
18	8:15	NIS	8:45	4.845	9:15	4.718	
19	8:15	NIS	8:45	4.845	9:15	4.694	
20	8:15	NIS	8:45	4.845	9:15	4.670	
21	8:15	NIS	8:45	4.845	9:15	4.671	
22	8:15	NIS	8:45	4.845	9:15	4.669	
23	8:15	NIS	8:45	4.845	9:15	4.665	
24	8:15	NIS	8:45	4.845	9:15	4.660	
25	8:15	NIS	8:45	4.845	9:15	4.653	
26	8:15	NIS	8:45	4.845	9:15	4.657	
27	8:15	NIS	8:45	4.845	9:15	4.653	
28	8:15	NIS	8:45	4.845	9:15	4.634	
29	8:15	NIS	8:45	4.845	9:15	4.619	
30	8:15	NIS	8:45	4.845	9:15	4.634	
31	8:15	NIS	8:45	4.845	9:15	4.635	

NIS = NOT IN SERVICE