

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Dec-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	OFF	0.015	0.015	0.015
2	OFF	OFF	0.016	0.015	OFF	OFF	0.016
3	OFF	OFF	0.016	0.015	0.016	OFF	0.016
4	OFF	OFF	OFF	0.016	0.016	0.016	0.016
5	OFF	OFF	OFF	0.016	0.016	0.016	0.016
6	OFF	OFF	OFF	0.014	0.014	OFF	0.014
7	OFF	OFF	OFF	0.014	0.014	0.014	0.014
8	OFF	OFF	OFF	0.014	0.014	0.015	0.015
9	OFF	OFF	OFF	0.014	0.015	0.014	0.015
10	OFF	OFF	OFF	0.014	0.014	0.015	0.015
11	OFF	OFF	OFF	0.014	0.014	OFF	0.014
12	OFF	OFF	OFF	0.014	0.014	0.014	0.014
13	OFF	OFF	OFF	0.015	0.015	OFF	0.015
14	0.015	0.015	OFF	0.015	OFF	OFF	0.015
15	OFF	OFF	0.015	0.015	0.014	OFF	0.015
16	OFF	OFF	OFF	0.014	0.014	OFF	0.014
17	OFF	OFF	OFF	0.014	0.014	0.014	0.014
18	OFF	OFF	OFF	0.014	0.014	OFF	0.014
19	OFF	OFF	0.014	0.014	0.014	0.014	0.014
20	OFF	OFF	0.014	0.014	0.014	0.014	0.014
21	OFF	OFF	0.014	0.014	0.014	OFF	0.014
22	OFF	OFF	0.015	OFF	0.014	0.014	0.015
23	0.014	OFF	0.014	0.014	0.014	OFF	0.014
24	OFF	OFF	0.014	0.014	OFF	OFF	0.014
25	0.014	OFF	0.014	0.014	0.014	OFF	0.014
26	OFF	OFF	0.014	0.014	0.014	OFF	0.014
27	OFF	OFF	0.014	0.014	OFF	OFF	0.014
28	OFF	OFF	OFF	0.014	0.014	0.015	0.015
29	0.015	OFF	OFF	0.015	0.013	0.014	0.015
30	OFF	OFF	OFF	0.014	0.013	OFF	0.014
31	OFF	OFF	OFF	0.013	0.014	0.014	0.014

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	Printed Name: Caleb Needles		
Notes:	Signature: <i>Caleb L Needles</i>		Date: 1/2/2024
	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: Dec-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	13:00	1.19	55	65	4.7	7.58	34.7	Yes	2,569
2	11:00	1.26	73	92	5.7	7.72	34.3	Yes	1,975
3	9:12	1.11	73	81	7.7	7.61	28.2	Yes	1,995
4	16:26	1.19	64	76	10.2	7.26	21.3	Yes	2,266
5	12:58	0.94	73	69	10.0	7.19	20.5	Yes	1,840
6	13:16	1.13	73	82	10.2	7.37	22.0	Yes	1,827
7	10:00	1.09	64	70	9.6	7.32	22.4	Yes	2,316
8	16:34	1.05	73	77	8.3	7.40	25.0	Yes	1,988
9	16:38	1.01	73	74	8.3	7.40	24.8	Yes	1,970
10	12:12	1.17	73	85	7.5	7.44	27.1	Yes	1,848
11	14:50	1.02	73	74	8.9	7.45	24.4	Yes	1,980
12	10:15	0.97	73	71	9.2	7.29	22.5	Yes	1,978
13	9:32	0.85	91.5	78	8.7	7.24	22.4	Yes	1,551
14	11:05	1.18	91.5	108	7.3	7.29	26.0	Yes	1,401
15	10:55	1.06	64	68	6.9	7.40	27.4	Yes	2,168
16	14:07	1.05	73	77	6.5	7.53	29.5	Yes	1,977
17	10:42	0.84	73	61	6.1	7.43	28.7	Yes	2,021
18	10:16	1.13	73	82	5.9	7.46	30.3	Yes	1,858
19	10:11	1.07	64	68	6.7	7.55	29.4	Yes	2,204
20	11:30	1.28	64	82	8.2	7.59	27.6	Yes	2,157
21	9:17	1.16	91.5	106	8.4	7.56	26.5	Yes	1,716
22	13:57	1.13	91.5	103	7.8	7.56	27.6	Yes	1,590
23	18:22	1.21	64	77	6.5	7.61	31.0	Yes	2,248
24	21:24	1.13	91.5	103	6.3	7.52	30.2	Yes	1,516
25	9:52	1.16	64	74	5.8	7.57	31.8	Yes	2,363
26	9:47	1.10	64	70	6.2	7.57	30.8	Yes	2,291
27	8:38	0.96	91.5	88	6.8	7.59	29.3	Yes	1,478
28	13:30	1.14	64	73	7.4	7.54	28.1	Yes	2,358
29	11:17	1.24	64	80	7.5	7.59	29.0	Yes	2,257
30	15:45	1.16	73	84	8.2	7.64	27.8	Yes	1,967
31	14:12	1.26	73	92	8.4	7.66	27.8	Yes	1,946

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: Dec-23

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	12:15	4.845	12:35	4.845	1:00	4.361	
2	8:15	4.845	8:45	4.845	9:15	4.281	
3	8:15	4.845	8:45	4.845	9:15	4.220	
4	8:15	4.845	9:00	4.845	9:15	4.218	
5	8:15	4.845	11:30	4.845	9:15	4.221	
6	8:15	4.845	8:45	4.845	9:15	4.231	
7	8:15	4.845	8:45	4.845	9:15	4.238	
8	8:15	4.845	8:45	4.845	9:15	4.251	
9	8:15	4.845	8:45	4.845	9:15	4.252	
10	8:15	4.845	8:45	4.845	9:15	4.248	
11	8:15	4.845	8:45	4.845	9:15	4.248	
12	8:15	4.845	8:45	4.845	9:15	4.231	
13	8:15	4.845	8:45	4.845	9:15	4.243	
14	8:15	4.845	8:45	4.845	9:15	4.274	
15	8:15	4.845	8:45	4.845	9:15	4.262	
16	8:15	4.845	8:45	4.845	9:15	4.262	
17	8:15	4.845	8:45	4.845	9:15	4.282	
18	8:15	4.845	8:45	4.845	9:15	4.299	
19	8:15	4.845	8:45	4.845	9:15	4.289	
20	8:15	4.845	8:45	4.845	9:15	4.263	
21	8:15	4.845	8:45	4.845	9:15	4.264	
22	8:15	4.845	8:45	4.845	9:15	4.249	
23	8:15	4.845	8:45	4.845	9:15	4.268	
24	8:15	4.845	8:45	4.845	9:15	4.252	
25	8:15	4.845	8:45	4.845	9:15	4.284	
26	8:15	4.845	8:45	4.845	9:15	4.266	
27	8:15	4.845	8:45	4.845	9:15	4.251	
28	8:15	4.845	8:45	4.845	9:15	4.270	
29	8:15	4.845	8:45	4.845	9:15	4.267	
30	8:15	4.845	8:45	4.845	9:15	4.254	
31	8:15	4.845	8:45	4.845	9:15	4.270	

NIS = NOT IN SERVICE