

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

System Name: Umpqua Basin Water Assoc ID #: OR4100719A Month/Year: Jun-21

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	0.012	0.012	0.012	0.013	0.013
2	0.013	0.012	0.012	0.012	0.013	0.013	0.013
3	0.013	0.013	0.013	0.012	0.012	Off	0.013
4	0.012	Off	0.012	0.011	0.012	0.012	0.012
5	0.011	Off	0.011	0.011	0.012	0.011	0.012
6	0.012	Off	0.012	0.011	0.011	0.011	0.012
7	0.013	Off	0.011	0.011	0.011	0.011	0.013
8	0.011	Off	Off	0.013	0.012	0.011	0.013
9	0.011	Off	0.011	0.011	0.011	0.011	0.011
10	0.011	Off	0.011	0.011	0.011	0.011	0.011
11	Off	0.012	0.011	0.011	0.012	Off	0.012
12	0.012	0.012	0.012	0.012	0.012	0.012	0.012
13	Off	Off	0.012	0.012	0.012	0.012	0.012
14	Off	0.012	Off	0.012	0.012	off	0.012
15	0.012	off	0.012	0.012	0.013	0.013	0.013
16	0.013	Off	0.012	0.013	0.013	0.013	0.013
17	0.013	0.013	Off	0.013	0.013	0.013	0.013
18	0.013	Off	0.013	0.013	0.014	0.014	0.014
19	0.014	0.013	0.014	0.014	0.014	0.015	0.015
20	0.015	0.014	0.014	0.014	0.014	0.014	0.015
21	0.014	0.014	0.014	0.014	0.014	0.015	0.015
22	0.015	0.014	0.014	0.014	0.012	0.012	0.015
23	0.012	Off	0.012	0.012	0.013	0.012	0.013
24	0.012	0.013	0.012	0.012	0.012	0.012	0.013
25	0.012	0.012	0.012	0.012	0.012	0.012	0.012
26	0.013	0.012	0.012	0.012	0.012	0.013	0.013
27	0.012	0.012	0.012	0.012	0.012	0.012	0.012
28	0.012	0.012	0.012	0.012	0.013	0.013	0.013
29	0.013	0.012	0.012	0.012	0.012	0.012	0.013
30	0.012	0.011	0.011	0.011	0.011	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 L Needles</b> Signature: <i>Caleb L Needles</i> Date: 07/02/21 Phone #: <b>541-672-5559</b> Cert #: <b>T-09378</b>		
<b>Notes:</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.

0.013	TRUE
0.013	TRUE
0.013	TRUE
0.012	TRUE
0.012	TRUE
0.012	TRUE
0.013	TRUE
0.013	TRUE
0.011	TRUE
0.011	TRUE
0.012	TRUE
0.012	TRUE
0.012	TRUE
0.012	TRUE
0.013	TRUE
0.013	TRUE
0.013	TRUE
0.014	TRUE
0.015	TRUE
0.015	TRUE
0.015	TRUE
0.015	TRUE
0.013	TRUE
0.013	TRUE
0.012	TRUE
0.013	TRUE
0.012	TRUE
0.013	TRUE
0.013	TRUE
0.012	TRUE

OHA - Drinking Water Program - Surface Water Quality Data Form County: Douglas								Month/Year:	Jun-21
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	15:47	1.00	64	64	21.9	7.55	10.5	Yes	2,092
2	21:28	1.12	73	82	23.7	7.72	10.1	Yes	2,054
3	15:20	0.96	64	61	23.4	7.48	9.2	Yes	2,088
4	16:35	1.26	64	81	23.4	7.63	10.1	Yes	2,416
5	15:47	1.09	64	70	21.4	7.79	12.0	Yes	2,335
6	10:06	1.22	64	78	18.7	7.70	14.2	Yes	2,198
7	16:17	0.97	64	62	18.7	7.66	13.5	Yes	2,311
8	16:17	0.83	64	53	18.4	7.55	13.0	Yes	2,309
9	14:35	0.84	64	54	17.6	7.54	13.7	Yes	2,167
10	10:00	0.96	55	53	16.7	7.69	15.6	Yes	2,626
11	8:46	1.05	64	67	17.1	7.73	15.6	Yes	2,307
12	8:00	0.93	73	68	16.6	7.63	15.4	Yes	1,889
13	10:14	0.98	64	63	17.7	7.60	14.1	Yes	2,163
14	11:27	0.99	73	72	17.3	7.63	14.8	Yes	2,052
15	6:56	0.80	73	58	18.1	7.71	14.1	Yes	2,071
16	17:22	0.87	91.5	79	19.9	7.65	12.3	Yes	1,444
17	9:51	0.93	64	60	19.0	7.62	13.0	Yes	2,188
18	14:32	1.06	64	68	20.9	7.53	11.3	Yes	2,295
19	9:24	1.03	64	66	20.7	7.45	11.0	Yes	2,356
20	11:11	0.98	73	72	21.9	7.41	10.0	Yes	2,052
21	16:42	0.94	64	60	25.2	7.59	8.5	Yes	2,173
22	11:26	0.99	55	54	23.8	7.59	9.4	Yes	2,646
23	15:30	0.93	55	51	24.9	7.95	9.9	Yes	2,621
24	8:04	0.98	73	72	23.7	8.07	11.3	Yes	1,961
25	11:50	0.83	55	46	24.2	7.83	9.8	Yes	2,645
26	10:04	1.06	73	77	24.9	7.85	9.6	Yes	2,028
27	10:45	1.07	73	78	26.1	7.77	8.6	Yes	2,031
28	13:39	1.00	55	55	27.8	7.66	7.3	Yes	2,597
29	13:09	1.03	64	66	26.8	7.73	8.1	Yes	2,218
30	10:50	0.88	55	48	25.4	7.57	8.2	Yes	2,663

<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-21**

Day	Log Removal Value						Notes
	Time	ZW 1	Time	ZW 2	Time	ZW 3	
1	8:15	4.160	8:45	4.143	9:15	4.112	
2	8:15	4.118	7:45	4.126	8:45	4.127	
3	8:15	4.123	7:45	4.142	8:45	4.118	
4	8:15	4.136	8:45	4.164	7:45	4.114	
5	8:15	4.112	8:45	4.173	7:45	4.116	
6	8:15	4.180	8:45	4.204	9:15	4.189	
7	7:45	4.144	8:45	4.205	9:15	4.211	
8	7:00	4.186	9:15	4.187	9:45	4.180	
9	8:15	4.208	8:45	4.178	9:15	4.163	
10	8:15	4.226	8:45	4.195	9:15	4.148	
11	8:15	4.221	8:45	4.162	9:15	4.141	
12	8:15	4.239	8:45	4.186	9:15	4.166	
13	8:15	4.196	8:45	4.188	9:15	4.176	
14	8:45	4.229	8:15	4.192	9:15	4.171	
15	8:15	4.221	7:45	4.149	9:15	4.142	
16	8:15	4.210	8:45	4.155	9:15	4.165	
17	8:15	4.192	8:45	4.169	9:15	4.163	
18	8:15	4.192	8:45	4.127	9:15	4.134	
19	8:15	4.179	8:45	4.119	9:15	4.114	
20	8:15	4.195	8:45	4.128	9:15	4.138	
21	8:45	4.158	8:15	4.120	9:15	4.120	
22	8:15	4.164	15:15	4.351	9:15	4.116	
23	8:15	4.317	8:45	4.452	9:15	4.293	
24	8:15	4.301	8:45	4.447	9:15	4.277	
25	8:15	4.327	8:45	4.434	9:15	4.268	
26	8:15	4.285	8:45	4.418	9:15	4.254	
27	8:15	4.286	8:45	4.434	9:15	4.224	
28	8:15	4.288	8:45	4.406	9:15	4.231	
29	8:15	4.282	8:45	4.426	9:15	4.253	
30	8:15	4.259	8:45	4.397	9:15	4.240	

**NIS = NOT IN SERVICE**