



DHS-Drinking Water Program

Turbidity Monitoring Report Form

**YAMHILL CO.**

System Name: McMinnville Water and Light

**Id#: 4100497-A** Month/Year: July, 2023

DAY	0000	0400	0800	1200	1600	2000	Highest 15 min Reading		
	NTU	NTU	NTU	NTU	NTU	NTU	Time	NTU	
07/01/23	0.01	0.01	0.01	0.02	0.02	0.02	09:45	0.02	
07/02/23	0.02	0.02	0.02	0.02	0.02	0.02	09:30	0.03	
07/03/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/04/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/05/23	0.02	0.02	0.02	0.03	0.02	0.02	10:45	0.03	
07/06/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/07/23	0.02	0.02	0.02	0.02	0.02	0.02	09:00	0.03	
07/08/23	0.02	0.02	0.02	0.02	0.02	0.02	11:00	0.03	
07/09/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/10/23	0.02	0.02	0.02	0.02	0.02	0.02	11:00	0.03	
07/11/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/12/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/13/23	0.02	0.02	0.02	0.02	0.02	0.02	09:00	0.03	
07/14/23	0.02	0.02	0.02	0.02	0.02	0.02	09:30	0.03	
07/15/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/16/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/17/23	0.02	0.02	0.02	0.02	0.02	0.02	11:30	0.03	
07/18/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/19/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/20/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/21/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/22/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/23/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/24/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/25/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/26/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/27/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/28/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/29/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/30/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
07/31/23	0.02	0.02	0.02	0.02	0.02	0.02	00:00	0.02	
<b>Highest NTU 4 hr. reading</b>						<b>0.03</b>	<b>Highest 15 min Read</b>		<b>0.03</b>

Monthly Summary

95% of turbidity readings <= 0.3 NTU?  Yes  No    CT's met everyday?    All Cl2 residual at entry    Cl2 residual measured in 95%  
 All turbidity readings < 1 NTU?  Yes  No    point always >= 0.2 mg/l? of distribution samples?  
 All turbidity readings < IFE triggers?  Yes  No     Yes  No     Yes  No

Treatment Techniques are: 0.3 NTU 95% of all readings and never to exceed 1 NTU.

IFE = Individual Filter Effluent

Printed Name: Nicholas Wirth

Signature: Nicholas Wirth

Phone #: (503) 472-6158    Cert #: T-08567

Date: Wednesday, August 2, 2023

**Department of Human Services- Drinking Water Section**  
**Surface Water Quality Data**

System Name: McMinnville Water & Light

Id#- 4100497

Month/Yr: July 2023

Day	Time	Peak Hourly Flow MGD	Cl2 Residual at 1st User (C) mg/l	Contact Time (T) minutes	Actual CT C x T	Temp °C	pH pH	Required CT Calc	Inactivation Act CT/ Req CT	CT Met Yes / No
7/1/2023	09:00	9.63	1.36	46.0	62.6	17	7.23	16	3.91	Yes
7/2/2023	10:00	9.65	1.36	46.0	62.6	17	7.22	16	3.91	Yes
7/3/2023	08:00	9.62	1.36	46.0	62.6	16	7.31	16	3.91	Yes
7/4/2023	08:00	9.69	1.37	46.0	63.0	16	7.24	16	3.94	Yes
7/5/2023	08:00	9.70	1.28	46.0	58.9	16	7.27	16	3.68	Yes
7/6/2023	13:00	9.68	1.34	46.0	61.6	16	7.27	16	3.85	Yes
7/7/2023	07:00	9.72	1.33	46.0	61.2	16	7.25	16	3.82	Yes
7/8/2023	09:00	9.72	1.29	46.0	59.3	16	7.26	16	3.71	Yes
7/9/2023	11:00	9.73	1.24	46.0	57.0	16	7.21	16	3.57	Yes
7/10/2023	05:00	9.68	1.34	46.0	61.6	16	7.23	16	3.85	Yes
7/11/2023	19:00	8.75	1.35	46.0	62.1	17	7.23	16	3.88	Yes
7/12/2023	19:00	9.29	1.30	46.0	59.8	16	7.24	16	3.74	Yes
7/13/2023	13:00	9.51	1.20	46.0	55.2	16	7.23	15	3.68	Yes
7/14/2023	10:00	9.55	1.29	46.0	59.3	16	7.38	16	3.71	Yes
7/15/2023	11:00	9.86	1.46	46.0	67.2	16	7.40	16	4.20	Yes
7/16/2023	08:00	9.89	1.41	46.0	64.9	17	7.39	16	4.05	Yes
7/17/2023	08:00	9.92	1.41	46.0	64.9	16	7.34	16	4.05	Yes
7/18/2023	10:00	9.89	1.43	46.0	65.8	16	7.34	16	4.11	Yes
7/19/2023	03:00	9.43	1.45	46.0	66.7	17	7.35	16	4.17	Yes
7/20/2023	09:00	9.43	1.41	46.0	64.9	17	7.29	16	4.05	Yes
7/21/2023	09:00	9.44	1.41	46.0	64.9	17	7.31	16	4.05	Yes
7/22/2023	08:00	9.46	1.38	46.0	63.5	17	7.32	16	3.97	Yes
7/23/2023	10:00	9.45	1.33	46.0	61.2	17	7.32	16	3.82	Yes
7/24/2023	09:00	9.47	1.42	46.0	65.3	17	7.53	19	3.44	Yes
7/25/2023	07:00	9.46	1.48	46.0	68.1	16	7.37	16	4.26	Yes
7/26/2023	13:00	9.05	1.23	46.0	56.6	17	7.38	16	3.54	Yes
7/27/2023	03:00	9.05	1.29	46.0	59.3	17	7.30	16	3.71	Yes
7/28/2023	08:00	9.04	1.35	46.0	62.1	17	7.34	16	3.88	Yes
7/29/2023	09:00	9.04	1.36	46.0	62.6	17	7.35	16	3.91	Yes
7/30/2023	09:00	9.00	1.28	46.0	58.9	17	7.34	16	3.68	Yes
7/31/2023	12:00	9.73	1.33	46.0	61.2	17	7.36	16	3.82	Yes