



DHS-Drinking Water Program

Turbidity Monitoring Report Form

YAMHILL CO.

System Name: McMinnville Water and Light

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

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

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 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, January 3, 2024

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

System Name: McMinnville Water & Light

Id#- 4100497

Month/Yr: December 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
12/1/2023	08:00	4.13	1.45	58.0	84.1	7	7.32	32	2.63	Yes
12/2/2023	08:00	4.15	1.37	58.0	79.5	7	7.29	31	2.56	Yes
12/3/2023	09:00	4.17	1.38	58.0	80.0	8	7.28	31	2.58	Yes
12/4/2023	02:00	4.16	1.39	58.0	80.6	8	7.31	31	2.60	Yes
12/5/2023	03:00	4.12	1.26	58.0	73.1	8	7.31	31	2.36	Yes
12/6/2023	12:00	3.73	1.29	58.0	74.8	8	7.31	31	2.41	Yes
12/7/2023	01:00	3.70	1.42	58.0	82.4	8	7.29	32	2.57	Yes
12/8/2023	07:00	3.74	1.52	58.0	88.2	9	7.35	32	2.76	Yes
12/9/2023	11:00	3.73	1.39	58.0	80.6	9	7.34	31	2.60	Yes
12/10/2023	10:00	3.76	1.47	58.0	85.3	9	7.33	32	2.66	Yes
12/11/2023	10:00	3.75	1.38	58.0	80.0	9	7.32	31	2.58	Yes
12/12/2023	10:00	3.76	1.38	58.0	80.0	9	7.29	31	2.58	Yes
12/13/2023	14:00	3.75	1.44	58.0	83.5	9	7.32	32	2.61	Yes
12/14/2023	10:00	4.24	1.49	58.0	86.4	9	7.28	32	2.70	Yes
12/15/2023	10:00	3.76	1.48	58.0	85.8	9	7.52	39	2.20	Yes
12/16/2023	09:00	3.75	1.52	58.0	88.2	9	7.48	32	2.76	Yes
12/17/2023	09:00	3.74	1.47	58.0	85.3	8	7.48	32	2.66	Yes
12/18/2023	11:00	3.72	1.46	58.0	84.7	9	7.42	32	2.65	Yes
12/19/2023	11:00	3.72	1.41	58.0	81.8	9	7.40	32	2.56	Yes
12/20/2023	16:00	4.11	1.37	58.0	79.5	9	7.38	31	2.56	Yes
12/21/2023	11:00	4.20	1.45	58.0	84.1	9	7.44	32	2.63	Yes
12/22/2023	09:00	4.16	1.43	58.0	82.9	9	7.38	32	2.59	Yes
12/23/2023	09:00	4.18	1.37	58.0	79.5	8	7.31	31	2.56	Yes
12/24/2023	08:00	4.13	1.39	58.0	80.6	8	7.31	31	2.60	Yes
12/25/2023	08:00	3.66	1.38	58.0	80.0	8	7.43	31	2.58	Yes
12/26/2023	14:00	3.66	1.30	58.0	75.4	8	7.41	31	2.43	Yes
12/27/2023	08:00	3.65	1.40	58.0	81.2	9	7.39	31	2.62	Yes
12/28/2023	12:00	3.65	1.32	58.0	76.6	9	7.39	31	2.47	Yes
12/29/2023	11:00	3.66	1.44	58.0	83.5	9	7.40	32	2.61	Yes
12/30/2023	10:00	3.65	1.49	58.0	86.4	9	7.38	32	2.70	Yes
12/31/2023	09:00	3.64	1.39	58.0	80.6	9	7.39	31	2.60	Yes