



DHS-Drinking Water Program

Turbidity Monitoring Report Form

YAMHILL CO.

System Name: McMinnville Water and Light

Id#: 4100497-A Month/Year: September, 2024

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

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:

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

Date: Wednesday, October 2, 2024

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

System Name: McMinnville Water & Light

Id#- 4100497

Month/Yr: September 2024

| 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 |
|-----------|-------|-------------------------|---|--------------------------------|--------------------|------------|----------|---------------------|-----------------------------------|--------------------|
| 9/1/2024 | 10:00 | 8.93 | 1.23 | 71.0 | 87.3 | 14 | 7.30 | 23 | 3.80 | Yes |
| 9/2/2024 | 02:00 | 8.84 | 1.08 | 71.0 | 76.7 | 13 | 7.33 | 23 | 3.33 | Yes |
| 9/3/2024 | 10:00 | 8.29 | 1.30 | 71.0 | 92.3 | 13 | 7.33 | 23 | 4.01 | Yes |
| 9/4/2024 | 13:00 | 8.27 | 1.16 | 71.0 | 82.4 | 13 | 7.34 | 23 | 3.58 | Yes |
| 9/5/2024 | 09:00 | 8.51 | 1.22 | 71.0 | 86.6 | 14 | 7.34 | 23 | 3.77 | Yes |
| 9/6/2024 | 10:00 | 8.56 | 1.02 | 71.0 | 72.4 | 14 | 7.31 | 23 | 3.15 | Yes |
| 9/7/2024 | 09:00 | 8.56 | 0.83 | 71.0 | 58.9 | 14 | 7.28 | 22 | 2.68 | Yes |
| 9/8/2024 | 09:00 | 8.52 | 0.86 | 71.0 | 61.1 | 14 | 7.29 | 22 | 2.78 | Yes |
| 9/9/2024 | 10:00 | 8.51 | 0.97 | 71.0 | 68.9 | 14 | 7.33 | 22 | 3.13 | Yes |
| 9/10/2024 | 13:00 | 8.49 | 1.72 | 71.0 | 122.1 | 14 | 7.38 | 25 | 4.88 | Yes |
| 9/11/2024 | 09:00 | 8.48 | 1.23 | 71.0 | 87.3 | 14 | 7.34 | 23 | 3.80 | Yes |
| 9/12/2024 | 04:00 | 7.76 | 1.21 | 71.0 | 85.9 | 14 | 7.34 | 23 | 3.74 | Yes |
| 9/13/2024 | 11:00 | 6.96 | 1.15 | 71.0 | 81.7 | 14 | 7.32 | 23 | 3.55 | Yes |
| 9/14/2024 | 08:00 | 6.93 | 1.29 | 71.0 | 91.6 | 13 | 7.51 | 28 | 3.27 | Yes |
| 9/15/2024 | 09:00 | 6.93 | 1.26 | 71.0 | 89.5 | 13 | 7.40 | 23 | 3.89 | Yes |
| 9/16/2024 | 11:00 | 6.93 | 1.27 | 71.0 | 90.2 | 13 | 7.35 | 23 | 3.92 | Yes |
| 9/17/2024 | 11:00 | 6.60 | 1.22 | 71.0 | 86.6 | 13 | 7.38 | 23 | 3.77 | Yes |
| 9/18/2024 | 22:00 | 5.73 | 1.26 | 71.0 | 89.5 | 14 | 7.30 | 23 | 3.89 | Yes |
| 9/19/2024 | 13:00 | 6.41 | 1.33 | 71.0 | 94.4 | 14 | 7.32 | 23 | 4.11 | Yes |
| 9/20/2024 | 23:00 | 6.64 | 1.41 | 71.0 | 100.1 | 13 | 7.33 | 24 | 4.17 | Yes |
| 9/21/2024 | 11:00 | 6.73 | 1.32 | 71.0 | 93.7 | 13 | 7.32 | 23 | 4.07 | Yes |
| 9/22/2024 | 09:00 | 6.71 | 1.26 | 71.0 | 89.5 | 13 | 7.31 | 23 | 3.89 | Yes |
| 9/23/2024 | 02:00 | 6.63 | 1.08 | 71.0 | 76.7 | 14 | 7.28 | 23 | 3.33 | Yes |
| 9/24/2024 | 13:00 | 6.18 | 1.47 | 71.0 | 104.4 | 14 | 7.29 | 24 | 4.35 | Yes |
| 9/25/2024 | 16:00 | 6.21 | 1.38 | 71.0 | 98.0 | 13 | 7.28 | 23 | 4.26 | Yes |
| 9/26/2024 | 09:00 | 6.55 | 1.14 | 71.0 | 80.9 | 13 | 7.30 | 23 | 3.52 | Yes |
| 9/27/2024 | 10:00 | 6.55 | 1.39 | 71.0 | 98.7 | 13 | 7.28 | 23 | 4.29 | Yes |
| 9/28/2024 | 08:00 | 6.52 | 1.36 | 71.0 | 96.6 | 13 | 7.27 | 23 | 4.20 | Yes |
| 9/29/2024 | 01:00 | 6.26 | 1.42 | 71.0 | 100.8 | 13 | 7.32 | 24 | 4.20 | Yes |
| 9/30/2024 | 11:00 | 5.44 | 1.12 | 71.0 | 79.5 | 13 | 7.26 | 23 | 3.46 | Yes |