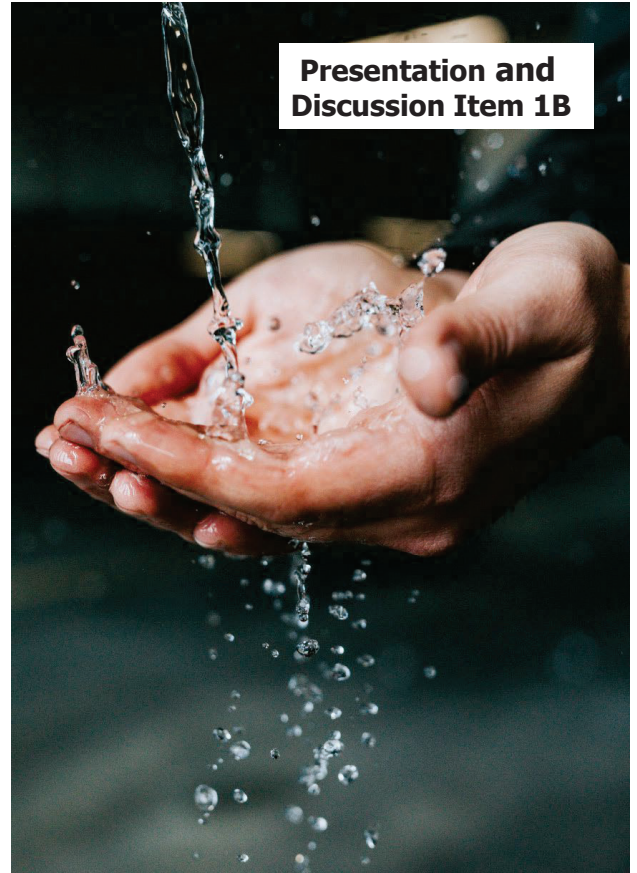




WATER QUALITY

Tyler Jernigan, MPA
Water Operations Manager

1 | February 10, 2025



WATER QUALITY

*Providing an abundance of local,
reliable, clean, safe water.*



2 | February 10, 2025



HIGH-QUALITY WATER



3 | February 10, 2025



MESA WATER'S WATER QUALITY



4 | February 10, 2025



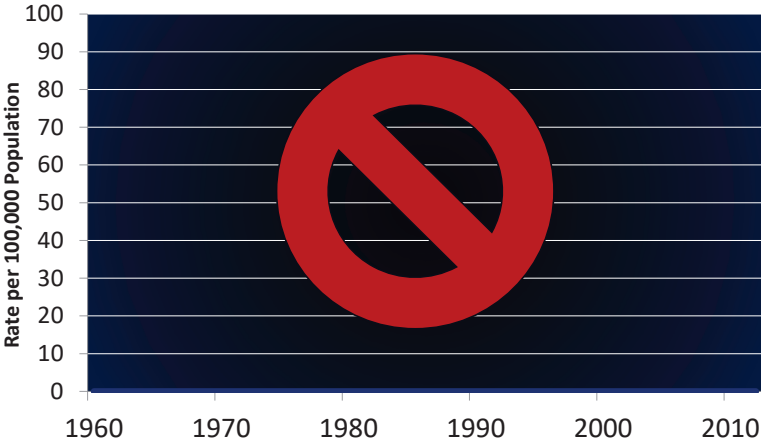
ANNUAL WATER QUALITY REPORT



5 | February 10, 2025



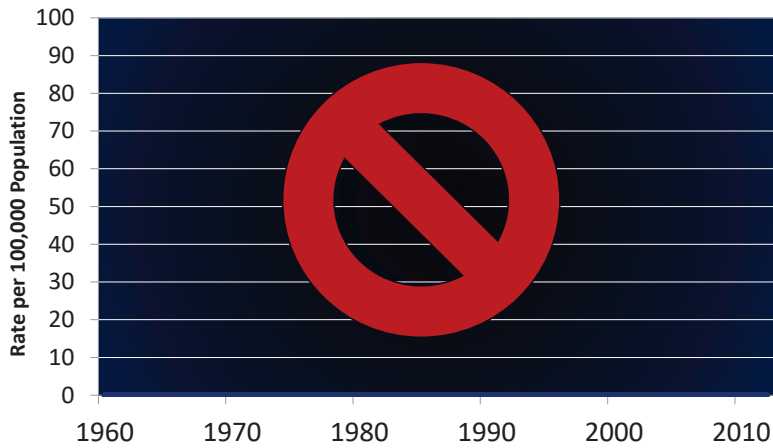
OCURRENCES OF WATERBORNE ILLNESSES 1960-2024 MESA WATER DISTRICT



6 | February 10, 2025



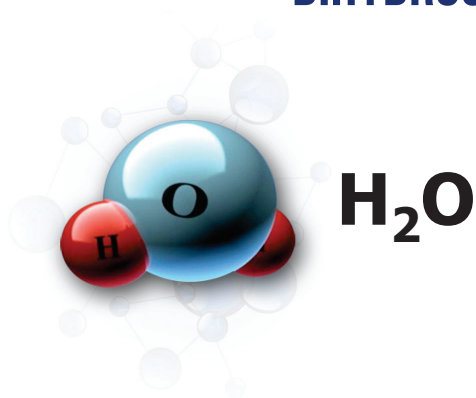
OCCURENCES OF CHEMICAL MCL VIOLATIONS 1960-2024



7 | February 10, 2025



DIHYDROGEN MONOXIDE



Water



8 | February 10, 2025



POTASSIUM



9 | February 10, 2025



COPPER

- **MCL = 1.3 mg/L**
- **1 mg/L = 4 drops in a 55 gallon barrel**
- **1 cup shiitake mushrooms = 1.2 mg**
- **3 oz. beef liver = up to 12 mg**
- **One-A-Day vitamins = 2.2 mg**



10 | February 10, 2025



RELATIVE TERMS



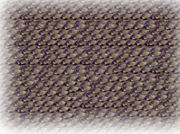
💧 **1 mg/L =**
4 drops in a 55 gallon barrel



💧 **1 ug/L =**
1 drop in a large swimming pool



💧 **1 ng/L =**
6 drops in the Rose Bowl



💧 **1 pg/L =**
1 drop in 160 Rose Bowls

REST ASSURED, YOUR WATER IS SAFE !



WATER QUALITY CONTACTS

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13 | February 10, 2025



THANK YOU!