



# State of the Water 2026

March 10, 2026

**CITY OF MOUND**

Brian Simmons, P.E.  
City Engineer



Real People. Real Solutions.

# Agenda

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- What we know about Mound's water
- Potential Solutions
- Project Updates
- Funding to Date
- Next Steps



# Current State of Mound Water

- Mound water is supplied by 2 wells, and serves homes directly from wells
- In 2020, MDH began applying the EPA's health-based guidelines for Manganese
  - Manganese exists in the underground aquifer
  - Health Based limits – 0.3 mg/l for infants and 1.0 mg/l for adults
- Mound water is also high in iron which results in discoloration
- Both Manganese and Iron can be treated by a Water Treatment Plant



Sampling Tests Manganese Only mg/l			
Location	2024	2025	2026
Lynwood Blvd	0.421	0.395	0.559
Bartlett Blvd	0.406	0.726	0.434
Three Points Blvd	0.403	0.419	0.481
Manchester Rd	0.634	0.613	0.641
Tuxedo Blvd			0.555
Shoreline Dr			0.610

# Manganese Guidance for Residents

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- Water softening can remove manganese, but is not a holistic solution
  - If you have one, maintain your softener including salt and resin
- We encourage testing the water in your home
  - RMB Environmental Laboratories, Inc. – 952-456-8470
  - Tri-City/William Lloyd Analytical Lab – 952-563-4904
  - Twin City Water Clinic, Inc. – 952-935-3556
  - Pace Analytical – 612-607-6398
  - EMSL Analytical – 763-449-4922
- Manganese is poorly absorbed through the skin, so bathing, showering, and contact with water isn't the same as drinking it
- Residents can find more information on the City's website or the MDH website about managing exposure to manganese



# Our Mission for Mound Water

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- Remove manganese
- Remove iron and other contaminants
- Steward taxpayer dollars and save money spent on in-home water solutions
- Protect and preserve infrastructure (public and private)



# Our Solutions

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- Phase 1 and Phase 2 of Water Treatment Infrastructure has been underway since 2025 to prep the system for a potential plant
- Consider the construction of a Water Treatment Plant that removes manganese, iron, and other contaminants
- Design of the water treatment plant and both 2025 and 2026 construction projects will all be paid for by a 10.3M appropriation from the MN legislature



# 2025 Project Updates

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- Designed and bid two phases of trunk watermain
- Completed construction on first phase, near Chateau water tower
- Began reimbursing the City's expenses from the \$10.3M MN Legislature funding
- Cleared the potential plant site of construction hurdles – natural and cultural resources
- Continued applying for varied sources of external funding
- Continued evaluating financial impact with the City's municipal advisors

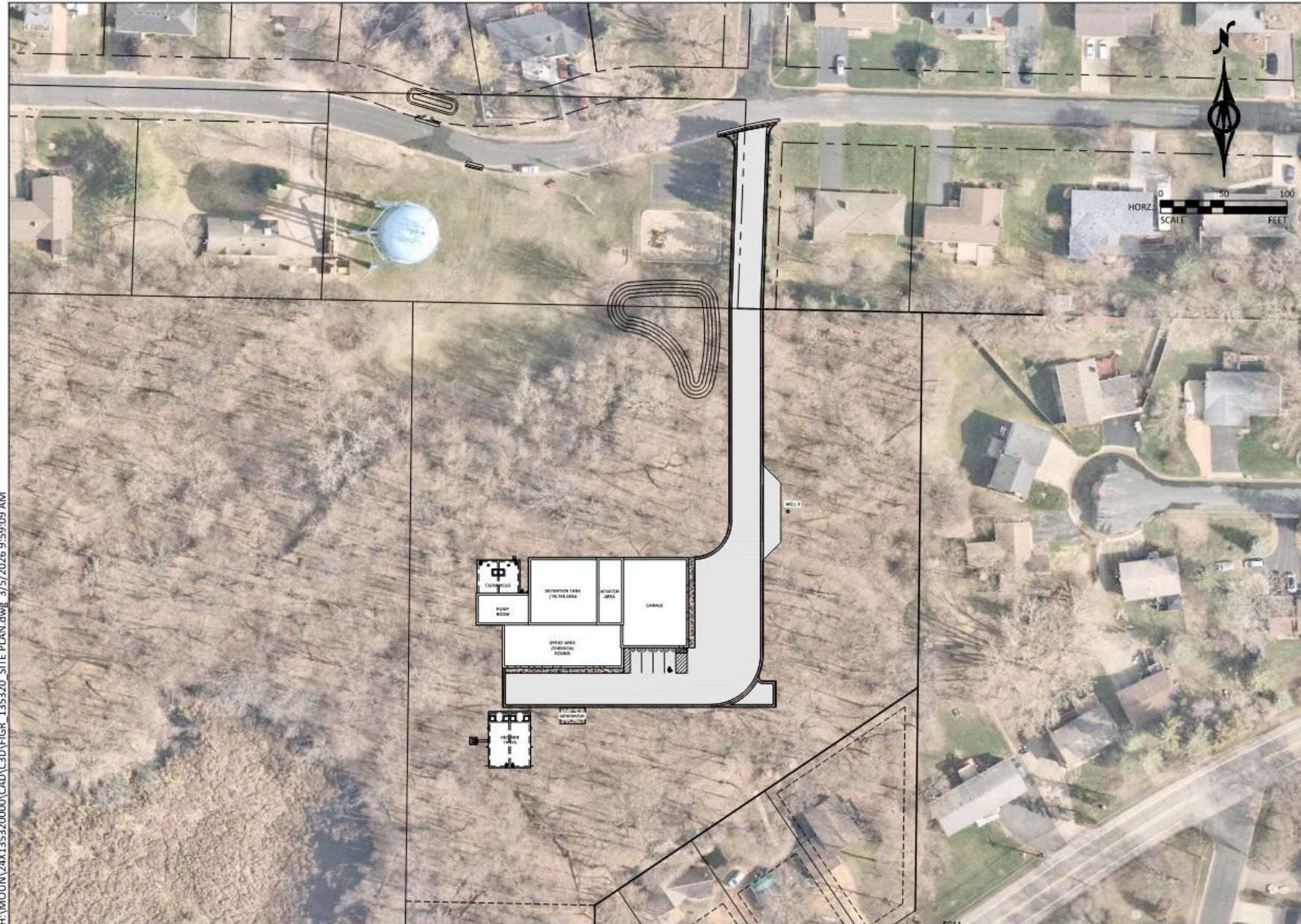


# 2026 Project Updates

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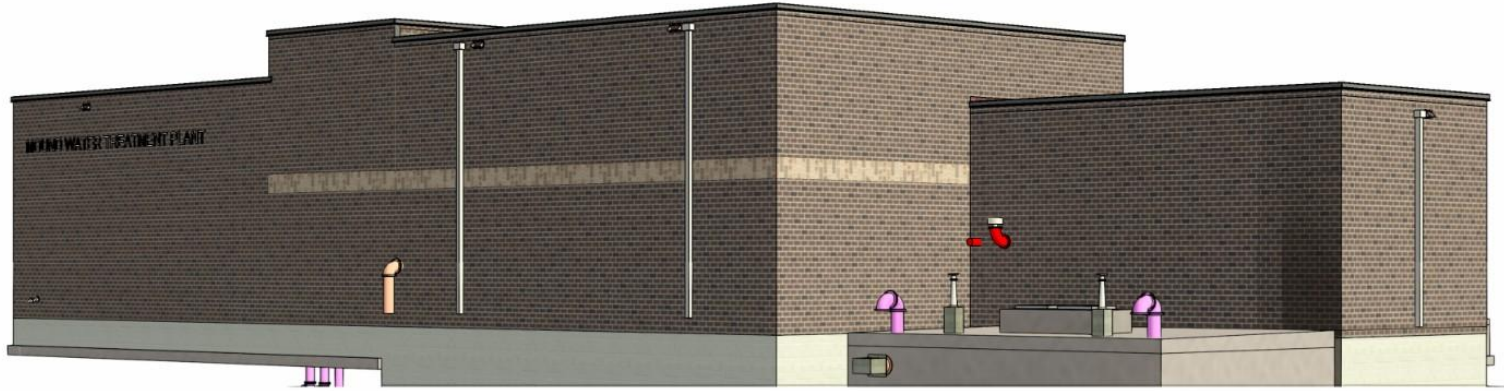
- Granted \$1,092,000 from Federal Appropriation
- Phase 2 Watermain Improvements begin in Spring
  - New well, new water transmission lines, service lines, gate valves and hydrants
- Finishing plant design
- Continuing advocacy at the State and Federal level for additional funding
- Working with the City's municipal advisor on financial impacts





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# Project Funding To Date

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- Received to date:
  - \$10.3M – State of Minnesota Appropriations
    - Administered by the Minnesota PFA - 2023
  - \$1.9M – Federal Appropriations & Congressionally Directed Spending
    - \$1,092,000 in 2026
    - \$959,752 in 2025
- Estimated \$29M Funding Gap Remains
  - Project bidding will provide most accurate estimate
- **City Continues to apply for:**
  - State of MN Appropriations and Bonding 2021-Present
  - Federal Appropriations 2022-Present
  - Drinking Water Revolving Fund – IUP/PPL – 2021-Present



# Additional Funding

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- Emerging Contaminants grant program is a new path, as the program builds momentum
  - A contaminant in drinking water for which Minnesota Department of Health (MDH) has issued a Health Risk Advisory (HRA) or health-based guidance, and for which there is a confirmed exceedance at a public water supply.

## Emerging Contaminants (EC) Grant Program \$18,000,000

New program to supplement federal funds to treat for manganese and PFAS in municipal drinking water systems.

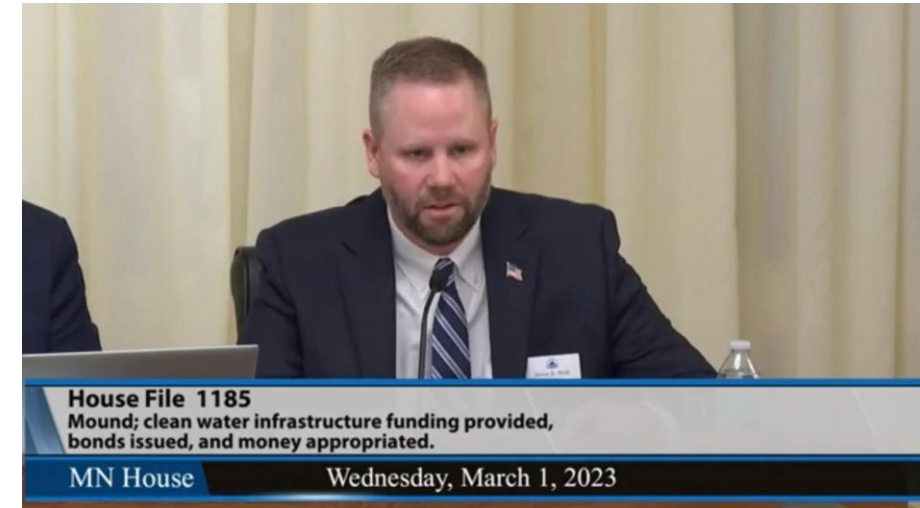
Estimated EC Needs:  
2025 IUP: 19 unfunded projects, \$194M



# State of Minnesota – IUP/PPL

State of Minnesota Ranks Project Funding requests for Drinking Water Revolving Fund monies

- IUP = Intended Use Plan
- PPL = Project Priority List
- Administered by the Public Facilities Authority (PFA)
- Combination of Grants and Low Interest Loans made available via the DWRF



	2022	2023	2024*	2025*	2026*
RANK	343	658	135	188	362
POINTS	10	5	15	15	15

\* Fundable via Part B1 – Low Interest Loans

# Next Steps

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- Phase 2 Watermain Infrastructure Improvement Project Begins Spring 2026
- April 28 – Update from Ehlers on Utility Rate Study and WTP financial projections
- Tonight’s consent agenda includes an application to the PFA to be eligible for low interest loans
- **Residents can stay updated at [www.cityofmound.com/watertreatmentplant](http://www.cityofmound.com/watertreatmentplant)**





**Questions?**

**CITY OF MOUND**