

# WATER UTILITY BOARD

## CAPITAL PROJECTS MONTHLY REPORT

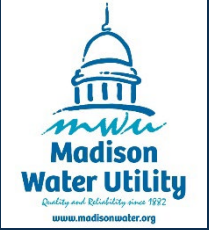


Pete Holmgren, P.E.  
Chief Engineer

May 26, 2026



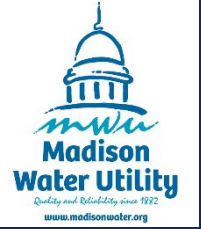
# Capital Projects Monthly Report



## ■ PRESENTATION OVERVIEW:

1. Actual Expenditures Through April 2026
2. Expense Depreciation for Water Main Replacement Updates
3. Major Capital Project Updates:
  - Unit Well 19 Iron, Manganese, & Radium Treatment Facility
  - Unit Well 12 Reconstruction
  - Reservoir 20 Repainting
  - Knutson Drive Bridge – Water Main Insulation

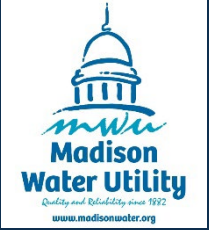
# Capital Projects Monthly Report



## 2026 Actual Expenditures and Encumbrances (Through April):

- Total of Actual Expenditures and Encumbrances: ~\$8,100,000
- April Actual Expenditures (~\$343,000):
  1. Facilities: ~\$113,000
  2. Fleet/Other: ~\$80,000
  3. Pipelines: ~\$150,000

# Capital Projects Monthly Report

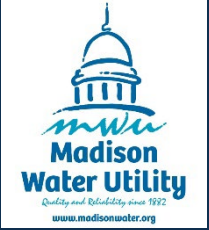


## Water Main Expense Depreciation Updates:

- The total targeted spend amount in 2026 is \*\$8,000,000
- Actual expenditures through April are ~\$471,000
- Estimated encumbrances *plus* expenditures through April are \$4,632,000

*\*2026 PSC Rate Order and proration based on May 1, 2026 effective date*

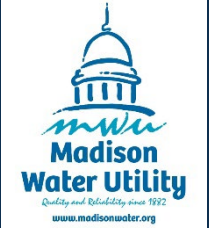
# Capital Projects Monthly Report



## Project Update: Unit Well 19 Iron, Manganese, & Radium Treatment

- Project Budget: \$9.2 Million
  - Current Status: Construction
    - Punch list completion and progress, facility cleanup
    - System operations tests, backwash tank and recycle process performance review
  - Upcoming:
    - Filing of operations and maintenance manuals, warranty periods
    - Finalization of ceiling insulation re-application plan (fall 2026)
    - Contract closure w/fall 2026 ceiling insulation exception
    - Public “open house” coordination (fall)

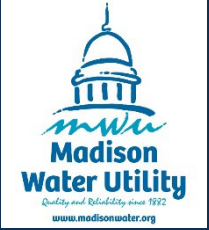
# Capital Projects Monthly Report



## Project Update: Unit Well 12 Reconstruction

- Project Budget: \$10.0 Million (Safe Drinking Water Loan\*)
  - Current Status: Post-Bid
    - Pre-work meeting with contractor in early June
    - Project cost summaries to DNR for loan processing and potential additional financing\*
    - Coordination with MG&E for their utility improvements around site
  - Upcoming:
    - Review and final approval of subcontractor qualifications (Public Works)
    - Ongoing permit finalizations for site review and structure demolitions
    - Start work letter issued to contractor

# Capital Projects Monthly Report



## Project Update: Reservoir 20 Repainting

- Project Budget: \$1.5 million
- Current Status: Construction
  - Contractor site mobilization and painting coordination meeting
  - Public notices (letters/postcards), site signage, project webpage management
  - Performance monitoring of Pressure Zones 7, 9, and 10
- Upcoming:
  - Set up exterior rigging
  - Review of tank interior for structural performance and paint preparation
  - Cathodic protection system replacement coordination

# Capital Projects Monthly Report



## Project Feature: Knutson Drive Bridge – Water Main Insulation

- Project Cost: \$40,000
- Project Scope: Replace deteriorated pipe insulation at Knutson Drive bridge (over WSOR railroad tracks); coordinate with bridge remediation and repainting project
- Project schedule: April 2026
- Contractor: LUSE Wisconsin (formerly L&S Insulation, Inc.)
- Materials: Foam insulation with PVC jacketing

# Capital Projects Monthly Report



## Project Feature: Knutson Drive Bridge – Water Main Insulation



# Capital Projects Monthly Report



## Project Feature: Knutson Drive Bridge – Water Main Insulation

### Challenges:

- Finding a qualified contractor able to meet railroad requirements, material needs, and bridge restrictions
- Lengthy coordination with WI DOT / WSOR
  - Obtaining the TRANS 29 permit from WISDOT / WSOR
  - Flagging was required; the rail line is active daily
- Site equipment (lift) access to lower railroad corridor
- Weather – early cold snap fall 2025 / very wet spring 2026



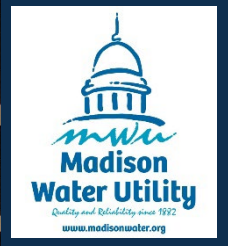
**Photos: Before (Left) and After (Right) Bridge Repainting**



**Photos: Insulation / Jacket Prep (Left) and Partial Application (Right)**



**Photos: Before (Left) and After (Right) Complete Installation**



**Photo: Finished Installation – Railroad Tracks Shown**



Thank you!

Questions / Comments?

Contact Information:

Pete Holmgren

[pholmgren@madisonwater.org](mailto:pholmgren@madisonwater.org)