

# WATER UTILITY BOARD

## CAPITAL PROJECTS MONTHLY REPORT

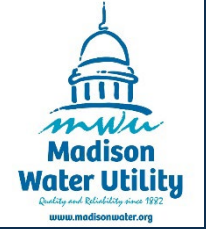


Pete Holmgren, P.E.  
Chief Engineer

October 22, 2024



# Capital Projects Monthly Report



## ■ PRESENTATION OVERVIEW:

1. Actual Expenditures and Encumbrances Through September 2024
2. Water Main Replacement Expense Depreciation Through September 2024
3. Capital Project Updates:
  - Unit Well 19 Fe, Mn, Radium Treatment Facility
  - Unit Well 15 PFAS Treatment Facility
  - Unit Well 12 Reconstruction

# Capital Projects Monthly Report



## 2024 Actual Expenditures and Encumbrances (Through September):

- Total of Actual Expenditures and Encumbrances: ~\$22,575,000
- September 2024 Actual Expenditures (~\$587,000):
  - 1. Facilities: ~\$189,000**
    - Wells 15 & 19 Treatments; Well 29 Roof; Olin Ave. Conference Room
  - 2. Fleet/Other: ~\$72,000**
    - New F150 Lightning (Truck), Raise/Replace/Move Hydrants
  - 3. Pipelines: ~\$326,000**
    - Stevens Street Resurfacing; Lake Mendota Drive Reconstruction

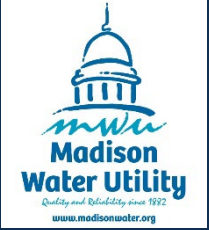
# Capital Projects Monthly Report



## 2024 Water Main Expense Depreciation (Through September):

- 2024 targeted spend amount: \$5,000,000
- Current estimated amount spent: OVER \$5,000,000
- **Target is estimated to have been met for 2024**

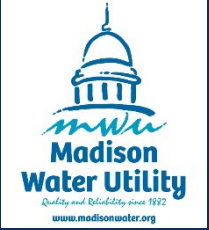
# Capital Projects Monthly Report



## Project Update: Well 19 Fe, Mn, Radium Treatment Facility

- Project Budget: \$9,088,000 (2024 Budget: \$8,116,000)
- Current Status: Construction
  - Concrete work for backwash tank and building additions, water-tightness testing
  - Site backfill, generator replacement and gas/electrical service upgrades
  - Pay request #1 under review
  - Completed consultant contract extension through 2025
- Upcoming:
  - Facility shutdown (October); preparation of work on and inside existing building

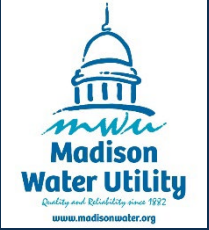
# Capital Projects Monthly Report



## Project Update: Well 15 PFAS Treatment Facility

- Project Budget: \$5,943,000
- Current Status: Construction
  - Steel beam installation work
  - Cleaning and preparation for underground tank reconstruction
  - Structural review and inspection
  - Wall demolition (ground-level) for new openings
- Upcoming:
  - Additional site meetings with consultant and contractor

# Capital Projects Monthly Report



## Project Update: Well 12 Reconstruction

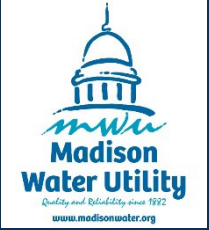
### ■ Project Budget: \$4,800,000

- \$800,000 in 2025 (thru 2027) for design/consultant services
  - SEH, Inc. to act as consultant (also completed original design plans and specifications)
- \$4,000,000\* in 2026 (thru 2027) for construction
  - \*Assumes no changes to water storage at site

### ■ Project Scope:

- Review output of current 2-zone configuration, evaluate water storage
- Update, review, re-certify plans and specifications originally completed and approved in 2017
- Re-permitting (DNR, PSC, Zoning, etc.)
- Final estimating, bidding, and contract administration
- Construction coordination

# Capital Projects Monthly Report



## Project Update: Well 12 Reconstruction (cont.)

### ■ Project Goals:

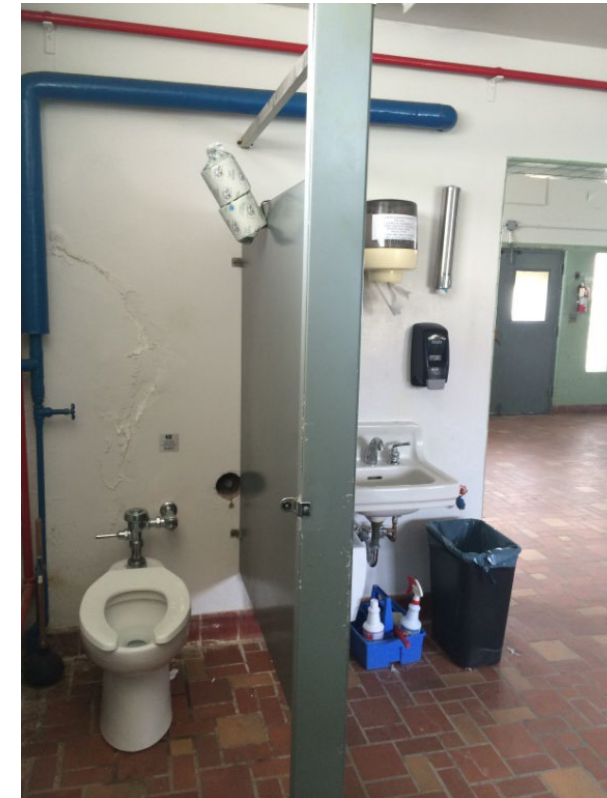
- Update and complete the work that was designed between 2015 and 2017
- Increase operational flexibility between west side pressure zones; redundancy with a 2<sup>nd</sup> pump
- Completely new building to include chemical feed rooms, deep well piping, and replacement of site piping
- Total replacement and modernization of electrical and control systems



# Capital Projects Monthly Report



## Project Update: Well 12 Reconstruction (cont.)



# Capital Projects Monthly Report



## Project Update: Well 12 Reconstruction (cont.)





# Questions / Comments?

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