

# WATER UTILITY BOARD

## CAPITAL PROJECTS MONTHLY REPORT

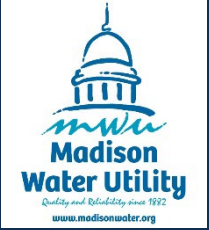


Pete Holmgren, P.E.  
Chief Engineer

August 23, 2022



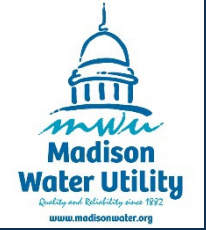
# Capital Projects Monthly Report



## ■ PRESENTATION OVERVIEW:

1. 2022 Capital Expenditures Status – As of June 30, 2022
2. Major Capital Projects:
  - Unit Well 19 Fe, Mn, Radium Treatment Facility
  - Unit Well 15 PFAS Treatment Facility
3. Monthly Project Highlight – CTH AB Overpass and Frontage Roads

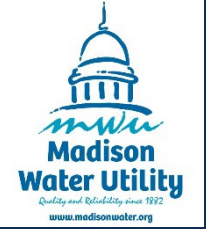
# Capital Projects Monthly Report



## 2022 Capital Expenditures Status – As of June 30, 2022:

- **2022 Total: \$1,292,757** (increase of \$395,266 since May 31, 2022)
- Overview of June 2022 Capital Expenses:
  1. Pipelines: \$111,857
    - Helena, Russell, Jennifer WM replacement; CIPP rehab (Lake Mendota Drive)
  2. Facilities: \$153,928
    - Well 26 booster/repairs; Well 12 booster upgrade; Well 8 sentinel well
  3. Fleet/Other: \$129,481
    - Meters Purchased; Well motor repairs; Hydrant repair/replacements

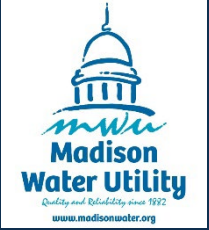
# Capital Projects Monthly Report



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

- Project Budget: \$9,088,000 (2022 Budget: \$891,000)
  - Current status: Preliminary Design
    - Architectural Workshop #1 on completed on 7/28; two options moving ahead:
      1. Filters contained in existing building + new backwash tank.
      2. Filter room addition to NE section of existing building + new backwash tank.
    - Discussions with UW regarding discharge of sewer flows to their system.
  - Upcoming:
    - Draft of discharge and easement agreements with UW.
    - Pre-application with Department of Planning.
    - Preliminary design recommendations (30% and cost estimate) to WUB expected 9/20.

# Capital Projects Monthly Report



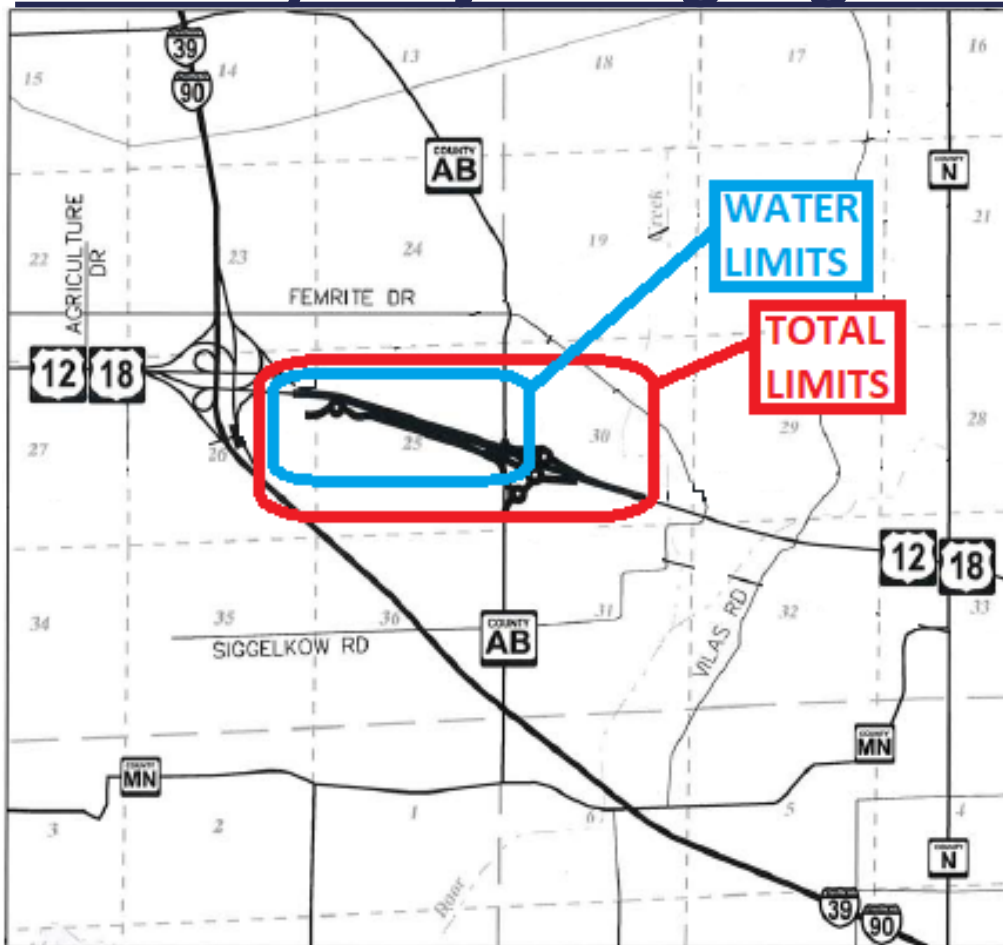
## Major Project Update: Well 15 PFAS Treatment Facility

- Project Budget: \$5,943,000 (2022 Budget: \$425,000)
  - Status update: Preliminary Design
    - Alternative analyses presented by AECOM on August 1<sup>st</sup> to WU staff
    - Treatment objectives, capacities, available space, customer expectations, cost
  - Upcoming:
    - Joint DNR & PSC meeting to present analyses prior to cert. of authority req.
    - 2<sup>nd</sup> Public Information Meeting in coming weeks

# Capital Projects Monthly Report



## Monthly Project Highlight – CTH AB Overpass and Frontage Roads



- Over 1 mile of new water mains to southeast system limits.
- Collaboration with Wisconsin DOT, Dane County, and MWU.
- Majority of work “contributed plant”:
  - Estimated ~\$2M paid by County.
  - Estimated ~\$0.1M paid by MWU.

# Capital Projects Monthly Report



## Monthly Project Highlight – CTH AB Overpass and Frontage Roads



- Construction beginning September 2022, final phase complete by end of 2023.
- Water extensions to supply expanding County landfill and “Sustainability Campus” operations.
- Additional discussions with Dane County and Ho-Chunk Nation for transmission pipeline across I-90/39 by 2024.



# Questions / Comments?

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