

# WATER UTILITY BOARD

## CAPITAL PROJECTS MONTHLY REPORT

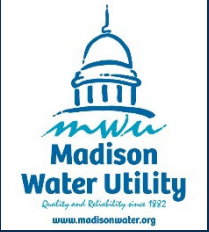


Pete Holmgren, P.E.  
Chief Engineer

October 26, 2022



# Capital Projects Monthly Report



## ■ PRESENTATION OVERVIEW:

1. 2022 Capital Expenditures Status – As of August 31, 2022

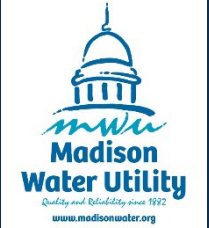
2. Major Capital Project Updates:

- Unit Well 19 Fe, Mn, Radium Treatment Facility
- Unit Well 15 PFAS Treatment Facility

3. Monthly Project Highlight:

- Unit Well 15 Recommended Treatment Alternative (*separate agenda item*)

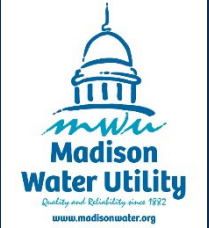
# Capital Projects Monthly Report



## 2022 Capital Expenditures Status – As of August 31, 2022:

- **2022 Total: \$1,784,052** (increase of \$258,535 since July 31, 2022)
- Overview of August 2022 Capital Expenses:
  1. Pipelines: \$10,930
    - Atwood Avenue, Blair/John Nolen Intersection
  2. Facilities: \$168,517
    - Well 19 Treatment, Well 8 Sentinel Well, Well 17 Neighborhood Improvements
  3. Fleet/Other: \$79,087
    - MCC Upgrades; Well motor repairs; Meter purchases; Hydrant repair/replacements

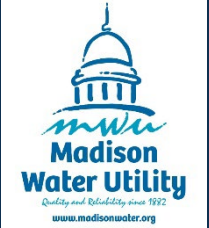
# Capital Projects Monthly Report



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

- Project Budget: \$9,088,000 (2022 Budget: \$891,000)
- Current status: Preliminary Design
  - Proceeding with recommended/approved design option:
    1. Filter room addition to NE section of existing building + new backwash tank
    2. Reconfiguration of driveway and landscaping
  - Evaluation of construction schedule feasibility; likely to extend through 2024
- Upcoming:
  - Staff review of design drafts for approved design option
  - Department of Planning (Land Use) application due 10/31

# 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
  - Alternatives Analysis with five options evaluated and ranked, featuring combinations of Air Stripping, Ion Exchange and Granular Activated Carbon
  - Joint DNR & PSC meeting to present analyses prior to cert. of authority req.
  - 25-year estimated life-cycle costs and comparison of benefits
- Upcoming:
  - Preliminary Design Report and Drinking Water Loan application (Oct. 31 deadline)



# Questions / Comments?

Contact Information:

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