

WATER UTILITY BOARD

CAPITAL PROJECTS MONTHLY REPORT

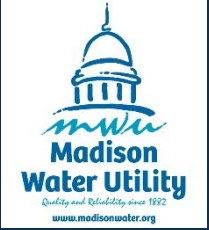


Pete Holmgren, P.E.
Chief Engineer

September 20, 2022



Capital Projects Monthly Report



■ PRESENTATION OVERVIEW:

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

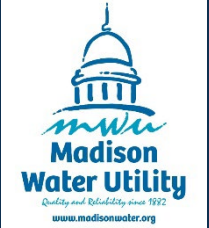
2. Major Capital Project Updates:

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

3. Monthly Project Highlight:

- Unit Well 19 Preliminary Design Proposal (*separate agenda item*)

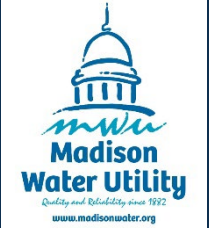
Capital Projects Monthly Report



2022 Capital Expenditures Status – As of July 31, 2022:

- **2022 Total: \$1,525,517** (increase of \$232,760 since June 30, 2022)
- Overview of July 2022 Capital Expenses:
 1. Pipelines: \$17,231
 - Helena, Russell, Jennifer WM replacement; Kroncke, Lanett & Tanager (resurfacing) WM replacement; Pipe Lining @ Lake Mendota Drive
 2. Facilities: \$141,298
 - Zones 7 & 8 transfer vaults @ Well 12; Zones 7 & 6W transfer vaults
 3. Fleet/Other: \$74,232
 - MCC Upgrades; Well motor repairs; Meter purchases; Hydrant repair/replacements

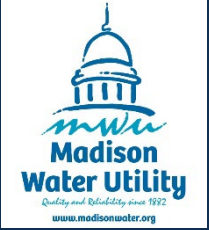
Capital Projects Monthly Report



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

- Project Budget: \$9,088,000 (2022 Budget: \$891,000)
 - Current status: Preliminary Design
 - Architectural Workshop #2 completed on 8/31; 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
 - Draft of discharge and site/easement agreements with UW, including new landscaping
 - Upcoming:
 - Pre-application with Department of Planning
 - Proceeding with design recommendation

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
 - 2nd Public Information Meeting held on 9/8
 - Alternatives Analysis with five options evaluated and ranked, featuring combinations of Air Stripping, Ion Exchange and Granular Activated Carbon
 - 25-year estimated life-cycle costs and comparison of benefits
 - Upcoming:
 - Joint DNR & PSC meeting to present analyses prior to cert. of authority req.
 - Preliminary Design Report and Drinking Water Loan application (Oct. 31 deadline)



Questions / Comments?

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