

Welcome

Commission Meeting
March 12, 2026

Madison Metropolitan
Sewerage District





Madison Metropolitan
Sewerage District

Pumping Station 2 Force Main Condition Assessment

Theran Jacobson, Project Engineer



Pumping Station 2
at Brittingham Park

Pipe Repair Site

Headworks

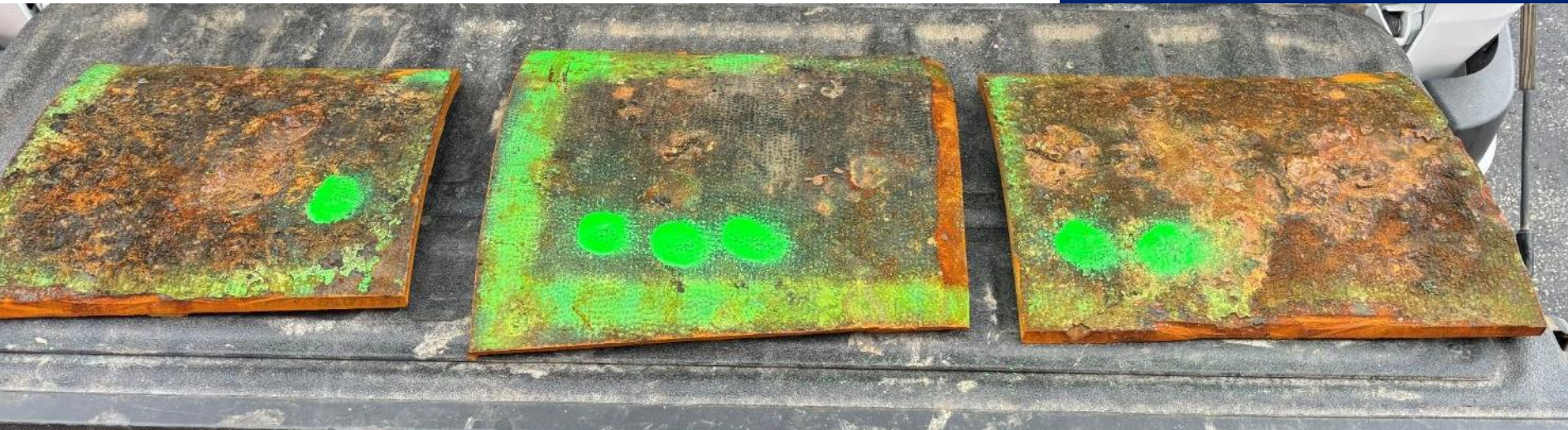
What? Where? Why?

- Pumping Station 2 Force Main
- Brittingham Park > John Nolen Drive > Capital City Bike Trail > Headworks @ Plant
- Discovery of pipe corrosion during pipe repair



Past Action Items

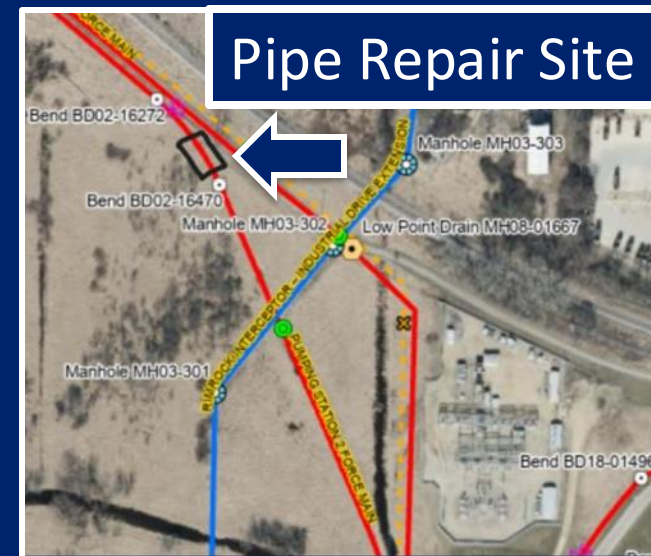
1. Analyze soil and groundwater samples
2. Pipe samples to Ductile Iron Pipe Research Association (DIPRA)
3. Documentation
 - Photos
 - Wall Measurements



Preliminary Findings

1. Environment with corrosive indicators
2. Pipe wall loss

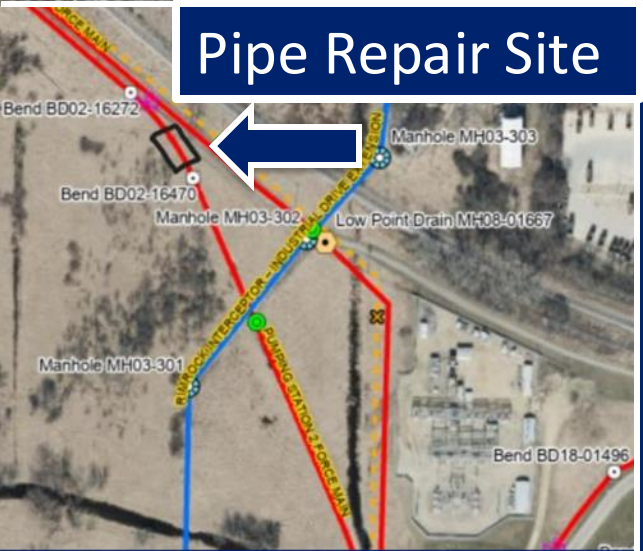
Key Note: Only at the pipe repair site



Pumping Station 2
at Brittingham Park



Pipe Repair Site



Headworks

Corrosion Unknowns

1. Root cause
2. Extents (isolated or widespread)
3. Sources of stray electrical current
 - Utility crossings
4. Other



Pipe Corrosion



Intended Scope

1. Technical corrosion expert
2. Desktop review of knowns
3. Develop work plan for investigation
4. Field condition assessment (environment)
5. Full condition assessment/preliminary engineering



Madison Metropolitan Sewerage District



REQUEST FOR PROPOSAL

Pumping Station 2 Force Main Investigation & Work Plan

Next Steps/Schedule

1. Develop RFP for investigation/work plan in 2026
2. Field condition assessment in 2026
3. Full condition assessment in 2026/2027





Questions?



Review and Approval of 2026 Q1-Q2 Executive Director Performance Goals

Madison Metropolitan
Sewerage District

Presented by Commissioner Meyer



Executive Director 2026 Q1-Q2 Performance Goals

Strategic Plan

- Finalize the development of an updated District strategic plan

With District staff:

- Develop the District's Three-Year Plan.
- Develop individual department work plans aligned to the Three-Year Plan.

With Commission:

- Align District Key Performance Indicators (KPIs) with District performance.
- Seek Commission acceptance of Strategic Plan (including the Three-Year Plan).
- Develop its own work plan (such as Executive Director Evaluation Process, Policy Book Update).

Organizational Alignment

- Continue to implement the new organization alignment structure, including director roles and establishing Executive Management Team.
- Align staff roles, responsibilities and performance to the strategic plan.

Reporting

- Establish strategic plan reporting on KPIs and Three-Year Work Plan.
- Provide quarterly financial reporting for the capital and operating budget to the Finance Committee for review and reporting to the full Commission.



Executive Director 2026 Q1-Q2 Performance Goals

Professional/Personal Development

- Continue executive coaching for completion on the existing engagement, including addressing development areas based on 360-review feedback.
- Support the Commission with the new Executive Director performance process.

External Relations

- Continue communicating and strengthening relationships with customer communities, stakeholders, partners and elected leaders.
 - 1:1 meetings with Commissioners.
 - Partnership work, including with WDNR, CARPC and Dane County.
 - Customer community engagement, including monthly Flush & Flow emails, meetings, and work with DCCVA and DCTA.
 - Increase District and personal visibility through participation in industry associations like NACWA, CSWEA and APWA, and local organizations and events such as Clean Lakes Alliance and the League of Municipalities' Lobby Day.





Project Update: Reliability Centered Maintenance (RCM) Program

Madison Metropolitan
Sewerage District

Presented by Erik Rehr, Maintenance & Reliability Manager
Matthew Schuman, Operations Reliability Manager



Agenda

1. RCM Definition
2. Commissioning
3. Planning
4. Scheduling
5. Parts Management
6. Future State



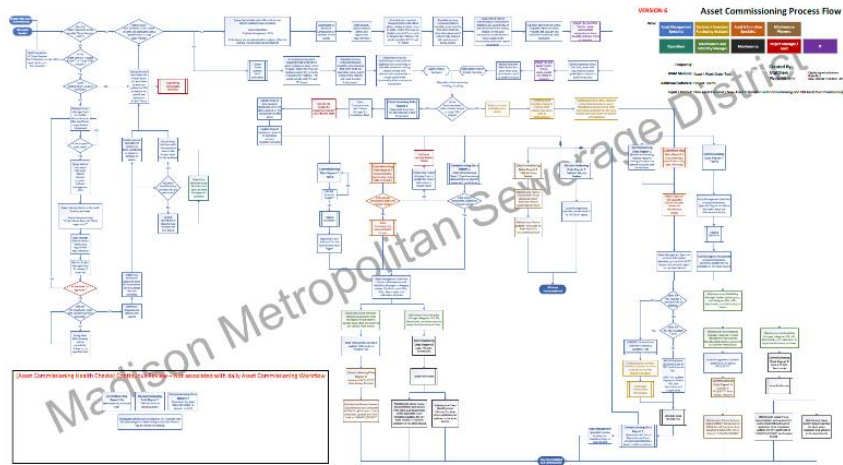
What is RCM?

- RCM is a subset of holistic Asset Management
 - Cradle to Grave
- **Maintaining and extending the useful life of equipment through improvements in operations and maintenance practices**
 - Capturing Data for Design, Installation, and Decommissioning

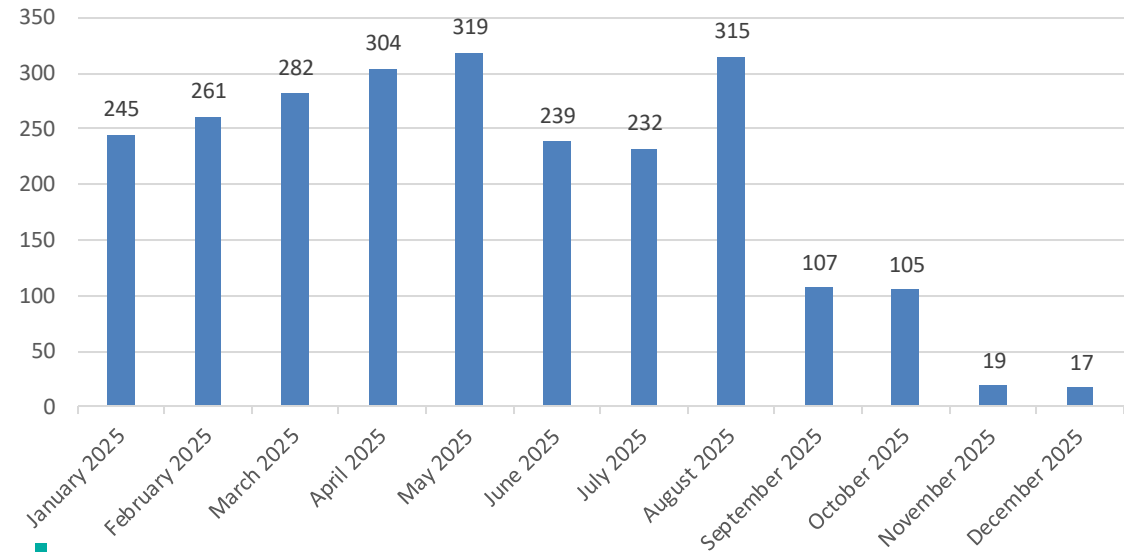


Commissioning

- Capturing critical data elements to manage our assets
 - Impacts all departments



Commissioning Report 3 - High Criticality Assets installed
2022-2025 without Specification, Doc, PM Review

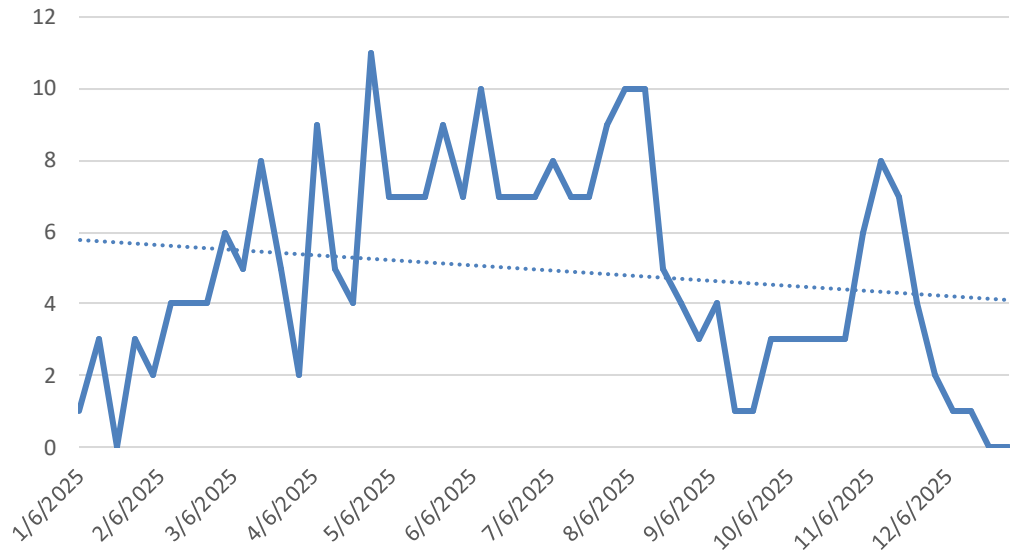


93%

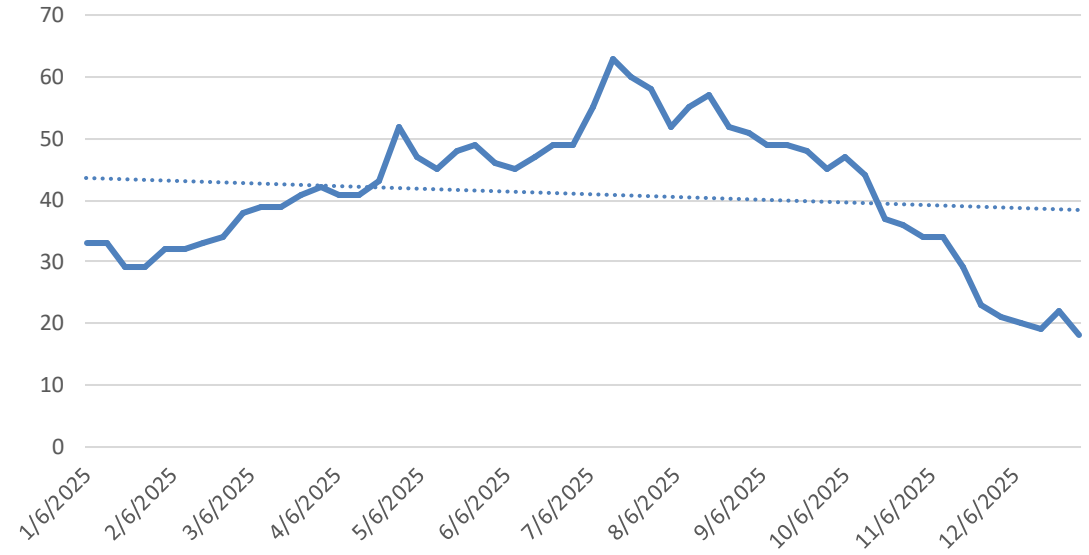
Reduction of critical assets
without required information

Planning – Right Work Ready to Go

Overdue High Priority Work Orders/Week



Overdue Medium Priority Work Orders/Week

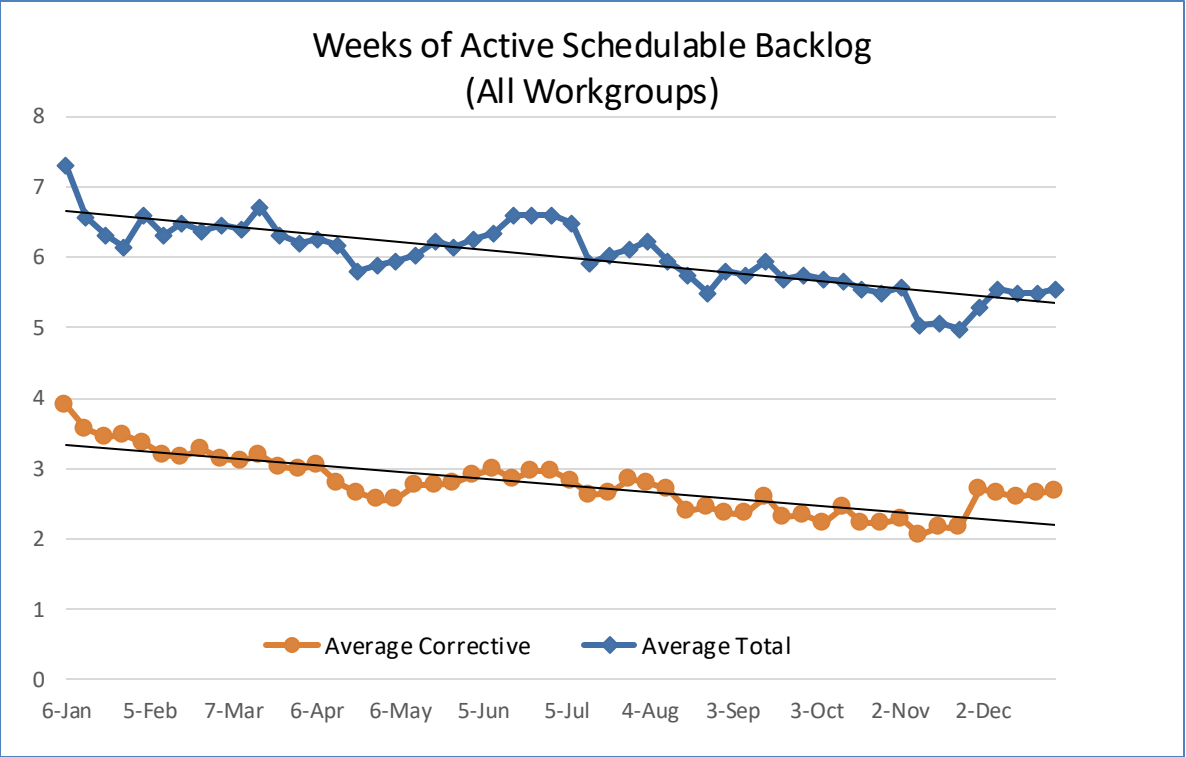
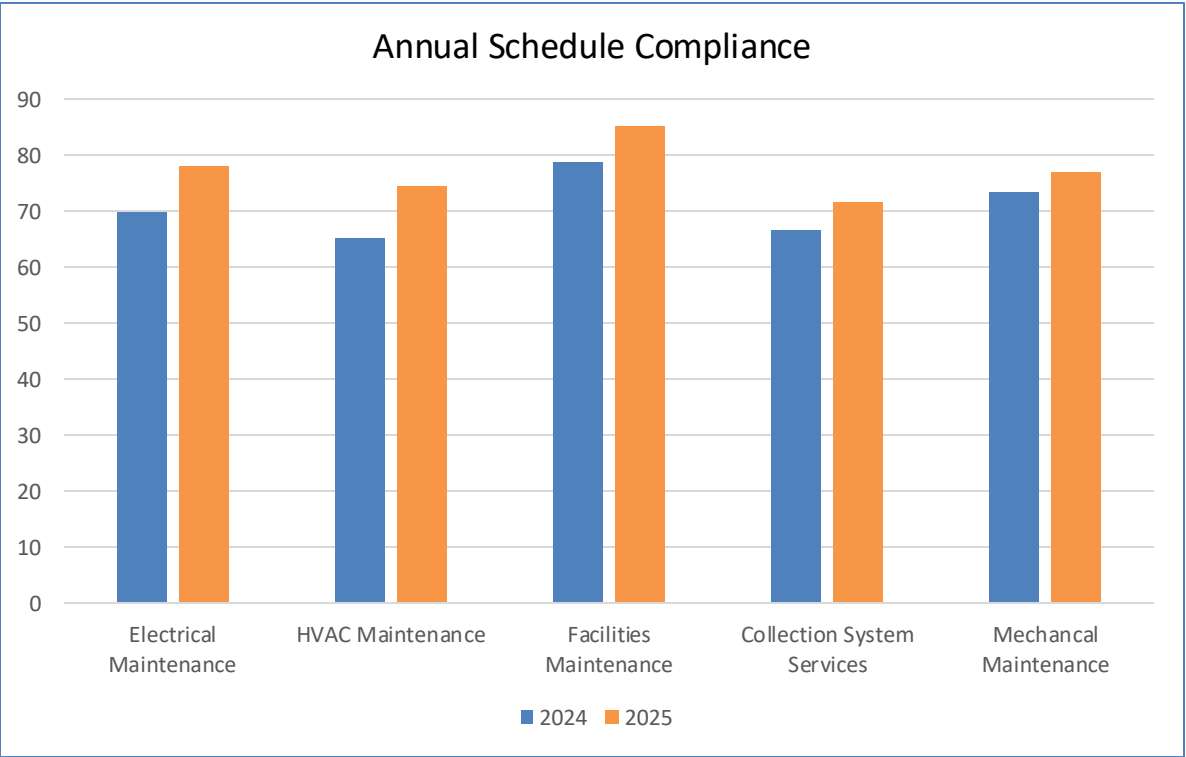


1,211

Number of work orders
planned in 2026



Scheduling – Operations/Maintenance Coordination



6.6%

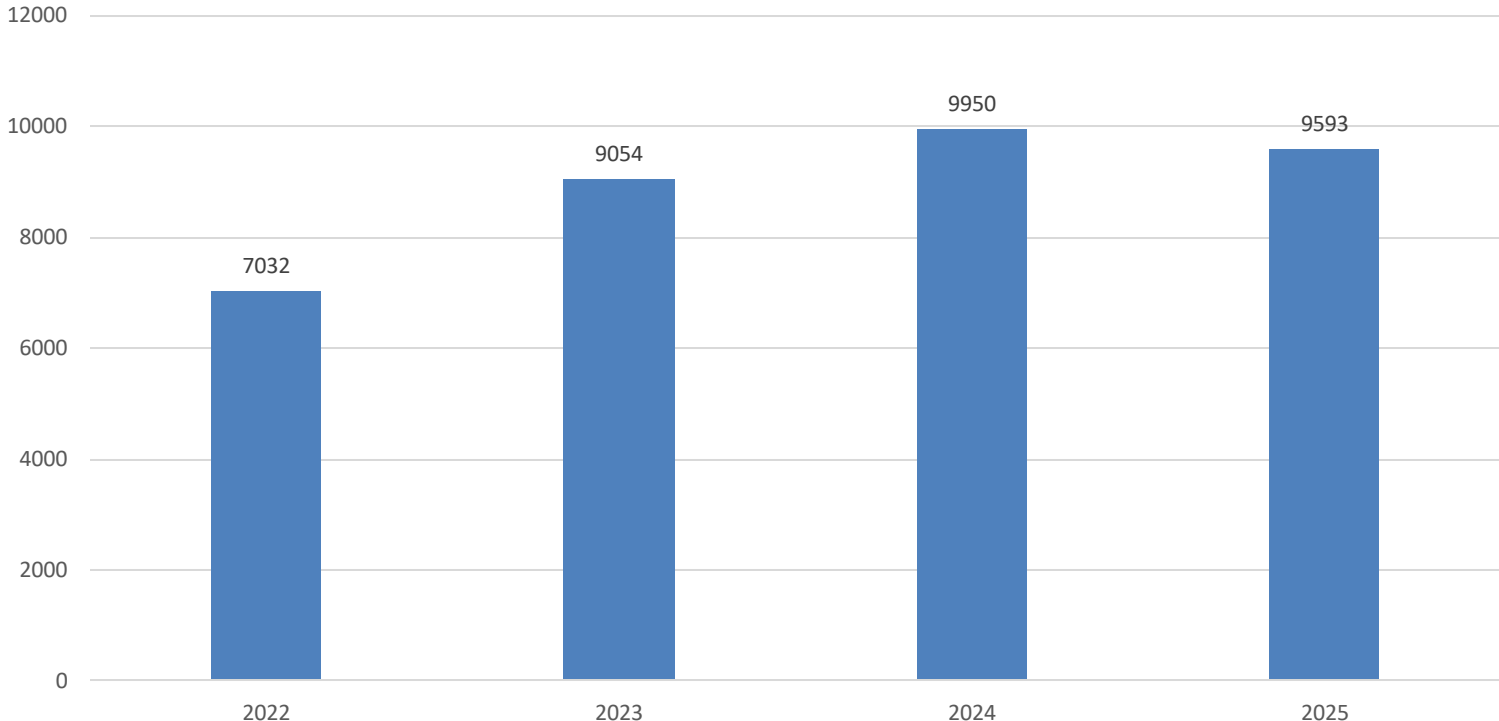
Average increase in weekly schedule compliance

24%

Decrease in average total backlog

Planning & Scheduling – Completing More Work

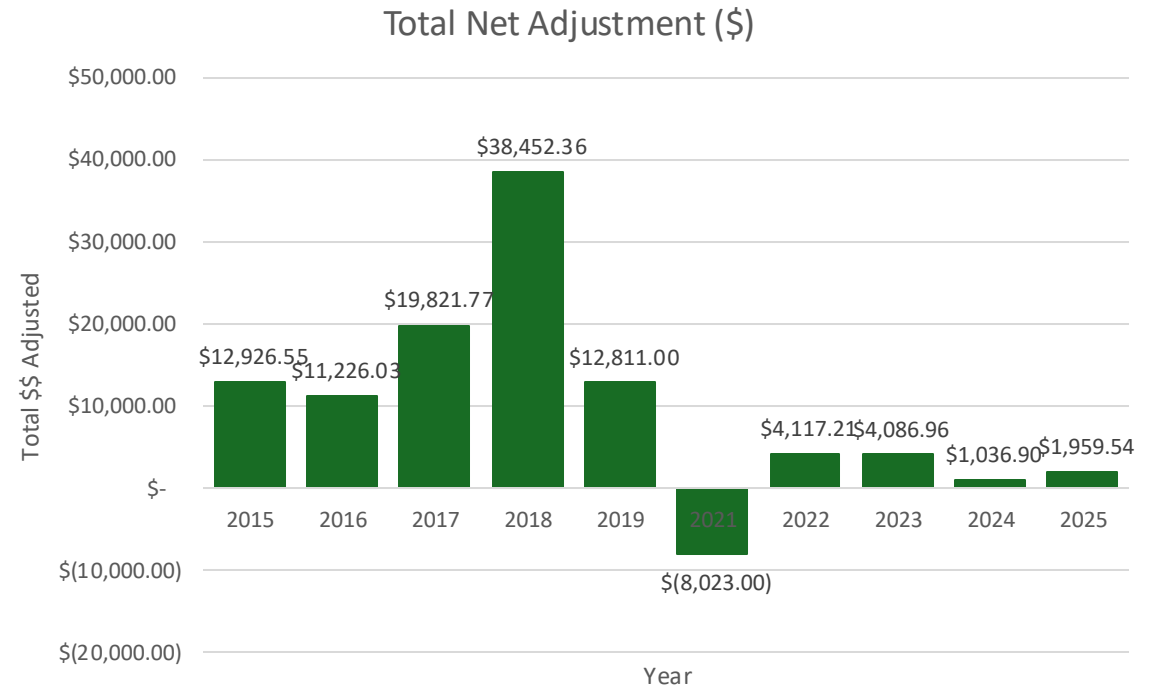
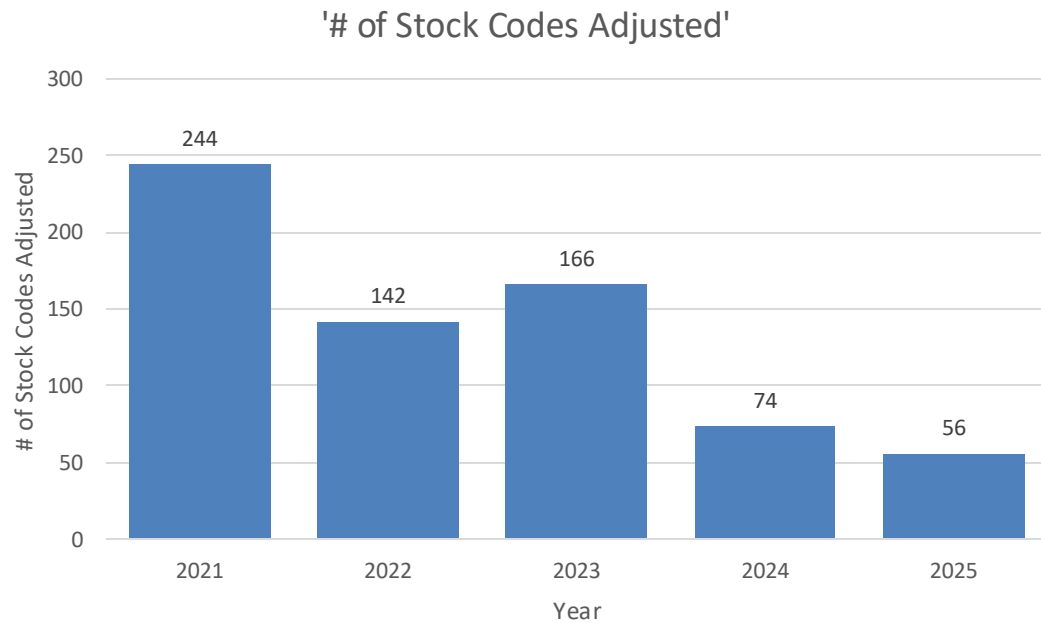
Total Tasks Finished Per Year - Excluding Emergencies



35%

Average increase in work completed since implementing

Inventory Management – Take care of our asset



40%

Decrease in labor required to complete annual count



Next Steps

Results Focus

RCM and Asset Management are tools to deliver results!

Project Alignment

- Organization alignment and department roles and responsibilities
- Workday system implementation
- Enterprise Asset Management (EAM) system implementation
- Strategic performance areas and KPIs



Thank you

Madison Metropolitan
Sewerage District



The Commission is in Closed Session

