

# Welcome

**Commission Meeting**

**May 28, 2026**

Madison Metropolitan  
Sewerage District



# WISCONSIN WASTEWATER PROFESSIONALS APPRECIATION DAY!

MAY 22, 2026



STATE of WISCONSIN



OFFICE of the GOVERNOR

*Proclamation*

*WHEREAS*, water is the most valuable and vital natural resource, and wastewater professionals ensure the health and safety of all those living in and visiting Wisconsin by helping to uphold the state's commitment to guaranteeing access to clean, safe water across the state; and

*WHEREAS*, the Wisconsin Wastewater Monitoring Program tracks and publishes weekly virus levels to help inform actions of health professionals and all Wisconsinites; and

*WHEREAS*, Wisconsin is a regional leader in wastewater surveillance implementation and coordination, being named one of six Centers of Excellence by the Centers for Disease Control and Prevention, and building collaborative partnerships with academic and utility partners; and

*WHEREAS*, the success of this program relies on the dedicated wastewater professionals across Wisconsin to collect and send wastewater samples for disease monitoring that enables rapid and cost-efficient tracking of public health threats; and

*WHEREAS*, many Wisconsinites are unaware of the critical role that wastewater professionals play in public health response and the sacrifices they have made on behalf of the state's shared mission of promoting and protecting the health of the people of Wisconsin; and

*WHEREAS*, on this occasion, the state of Wisconsin joins the Wisconsin Department of Health Services, alongside dedicated advocates, organizations, and professionals, in celebrating wastewater professionals for their dedicated service to protecting and promoting the health, safety, and overall well-being of all Wisconsinites;

NOW, THEREFORE, I, Tony Evers, Governor of the State of Wisconsin, do hereby proclaim May 22, 2026, as

**WASTEWATER PROFESSIONALS  
APPRECIATION DAY**

throughout the State of Wisconsin, and I commend this observance to all our state's residents.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Wisconsin to be affixed. Done at the Capitol in the City of Madison this 15th day of May 2026.

*Tony Evers*  
TONY EVERS  
GOVERNOR



By the Governor:

*Sarah Codlewski*  
SARAH CODLEWSKI  
Secretary of State

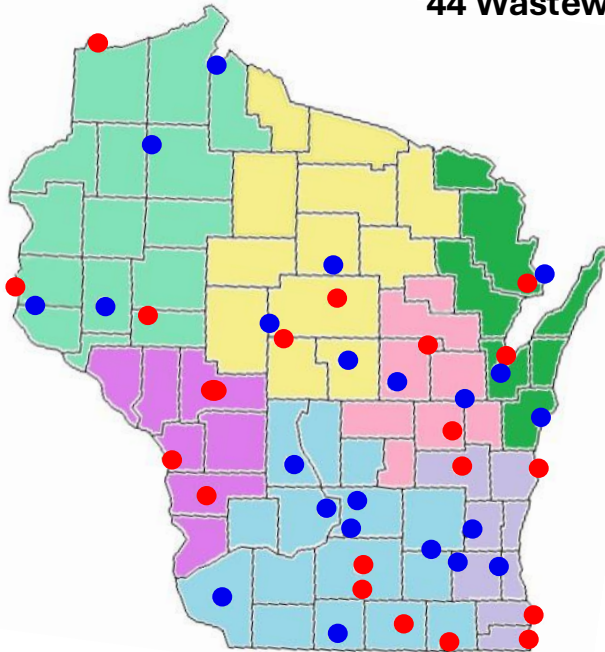
- To honor Wisconsin wastewater professionals, Governor Evers has declared May 22, 2026, as Wastewater Professionals Appreciation Day

This day gives participating organizations an opportunity to raise awareness and celebrate staff for their dedication to wastewater treatment and monitoring and in keeping Wisconsin healthy.

# Wisconsin Wastewater Monitoring Program

## 44 Wastewater Treatment Facilities

45 % of WI Population



For more information, see DHS  
COVID-19 dashboard



## HERC Regions

Northwest

North Central

Northeast

Western

Fox Valley Area

South Central

South East

## Wastewater surveillance can:

- Serve as an **early warning system** for disease outbreaks.
- Identify pathogen **presence, spread, and variant shift** in communities **over time**.
- Help **overcome undersampling or healthcare access challenges** associated with traditional surveillance methods.

# Madison Metropolitan Sewerage District (MMSD)



WISC-TV/Channel3000

Since the wastewater monitoring program's inception in 2020, MMSD has partnered with the:

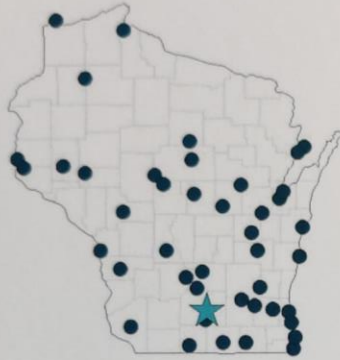
- Wisconsin Department of Health Services
- Wisconsin State Laboratory of Hygiene
- University of Wisconsin-Milwaukee

to support wastewater-based monitoring for public health threats in Wisconsin.

The efforts of MMSD's dedicated wastewater professionals in this program have allowed it to expand to now include monitoring for many public health threats including:

- Influenza A and B
- Respiratory syncytial virus (RSV)
- Measles
- Mpox
- COVID-19
- Norovirus

## 2026 Wastewater Monitoring Partner Annual Impact Report: Madison



★ Madison MSD WWTF  
● Participating Sites

"Wastewater monitoring has become a core part of how we detect and respond to infectious diseases across Wisconsin. It is helping us track threats like avian influenza and measles in real time, providing another tool to protect the health of our communities."

**Dr. Ryan Westergaard,  
State Epidemiologist**

Your facility contributed **302** wastewater samples for infectious disease monitoring in 2025 which led to:

**1,600**

weekly views of public wastewater data webpages

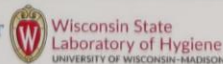
View statewide wastewater respiratory data by scanning the QR code.



**Promoting and protecting the health of Wisconsinites in:**

- Childcare settings
- Communities
- Hospitals
- Schools
- Workplaces
- Assisted living facilities

**Thank you for your partnership in the  
Wisconsin Wastewater Monitoring Program!**



- **Together, the Wisconsin Wastewater Monitoring Program & MMSD provide critical public health information**

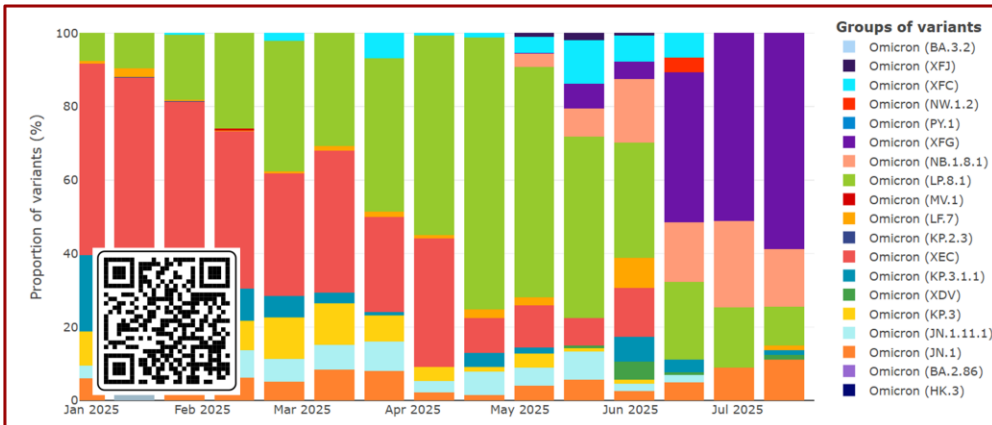
Wastewater surveillance is cost effective, anonymous, unbiased and provides rapid, reliable data that helps public health departments and hospitals monitor, prepare for, and respond to outbreaks for a wide variety of public health threats.



From drain to  
dashboard...



You make every  
drop count!



## Wastewater Monitoring: Influenza and Respiratory Syncytial Virus (RSV) Levels in Wastewater | Wisconsin Department of Health Services

### Respiratory Wastewater Monitoring in Wisconsin

Dashboard Updated: 5/20/2026

Select a virus below to view its data

Select a Season

2025-2026

Influenza A

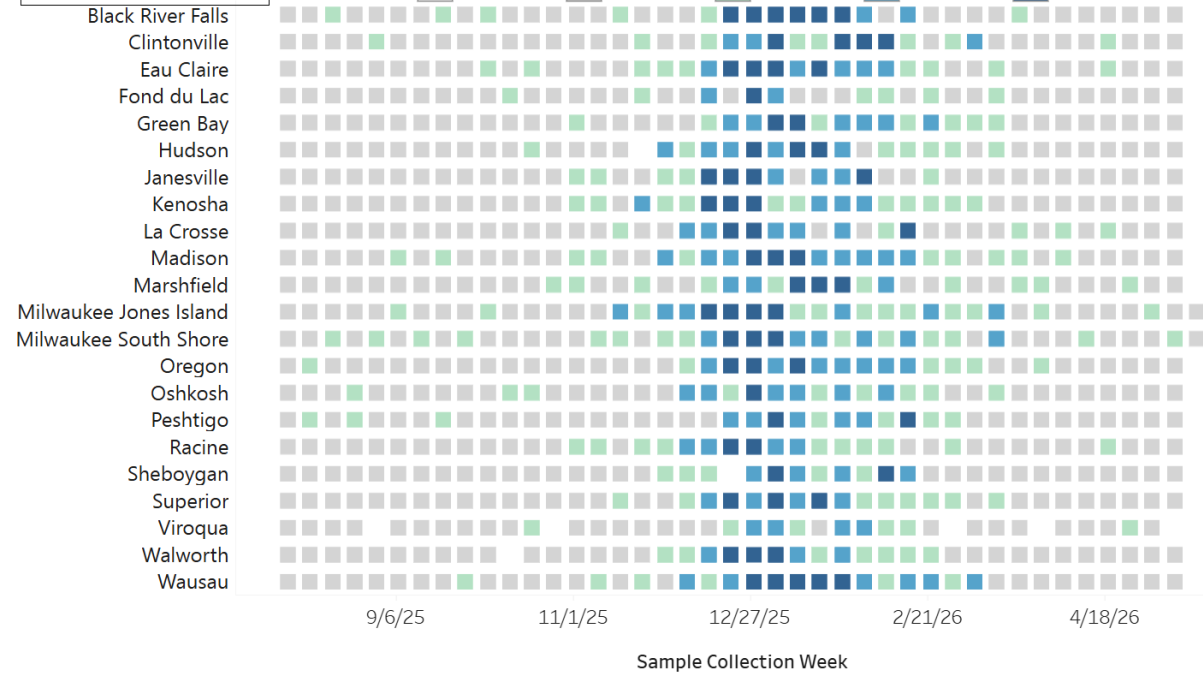
Influenza B

RSV

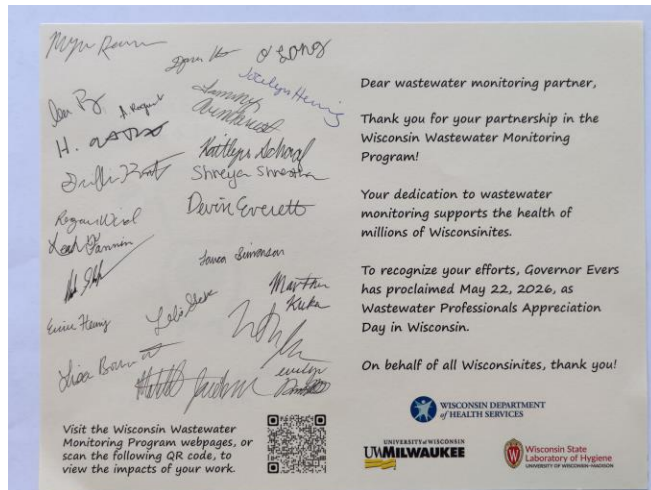
#### Influenza A Levels by Location

Select a location below to view more data

No Data Not Detected Low Moderate High



SARS-CoV-2 Wastewater Genomic Dashboard



# Acceptance of District Three-Year Plan

Madison Metropolitan  
Sewerage District

Presented by Eric Dundee, Executive Director



# Defining the Three-Year Plan

- Definitive roadmap for work execution and organizational focus over the next three years
- Focused on major short- and near-term projects and/or programs necessary to support the Strategic Plan and advance our Performance Areas.
- Responsibility of the Executive Management team, with the support of the District Management Team
- Plan used to:
  - **Translate** these top-level organizational priorities into actionable departmental work plans for teams.
  - **Resource** the major programs required to meet the specific annual milestones, whether through financial means or cross-functional staff contributions.
  - **Monitor** progress and proactively address roadblocks
  - **Report** to Commission and staff quarterly
- Updated annually

# At a Glance: Three-Year Plan, 2026-2029

Project	July-Dec 2026	Jan-Jun 2027	Jul-Dec 2027	Jan-Jun 2028	Jul-Dec 2028	Jan-Jun 2029	Jul-Dec 2029
Enterprise Resource Planning (ERP) & Enterprise Asset Management (EAM)							
Liquid Processing Improvements Phase 2							
Heat & Power and Biosolids Improvements							
Collection System Capacity Analysis							
Sewer Use Ordinance (SUO) Revisions							
Strategic Plan Development & Reporting Process							
Executive Director Performance Evaluation Review Process							

# Enterprise Resource Planning (ERP) & Enterprise Asset Management (EAM) Systems Implementation

## *Why this project is important*

This is a two-part project to implement a new ERP and a new EAM. The ERP will provide financial and human resources functions. The EAM will support asset management, maintenance planning, and capital planning.

The primary benefit of the project is more effective and reliable management of District financial, workforce/HR and asset information.

### Sponsors

### Timeframe

### Performance Area(s)

Bill Walker (ERP) &  
Alan Grooms (EAM)

July 2026 – Some time in  
2029

- Financial Capacity & Resilience
- Infrastructure Reliability
- Public Trust





# Liquid Processing Improvements (LPI) Phase 2

## *Why this project is important*

Critical equipment in the liquid treatment process that supports the plant's biological process is outdated and vulnerable to failure.

This project implements wastewater treatment process improvements to ensure permit compliance, meet projected 2050 loadings, reduce energy consumption, and utilize innovative new technologies that support future plant expansion and meet the needs of our growing service area.

### Sponsor

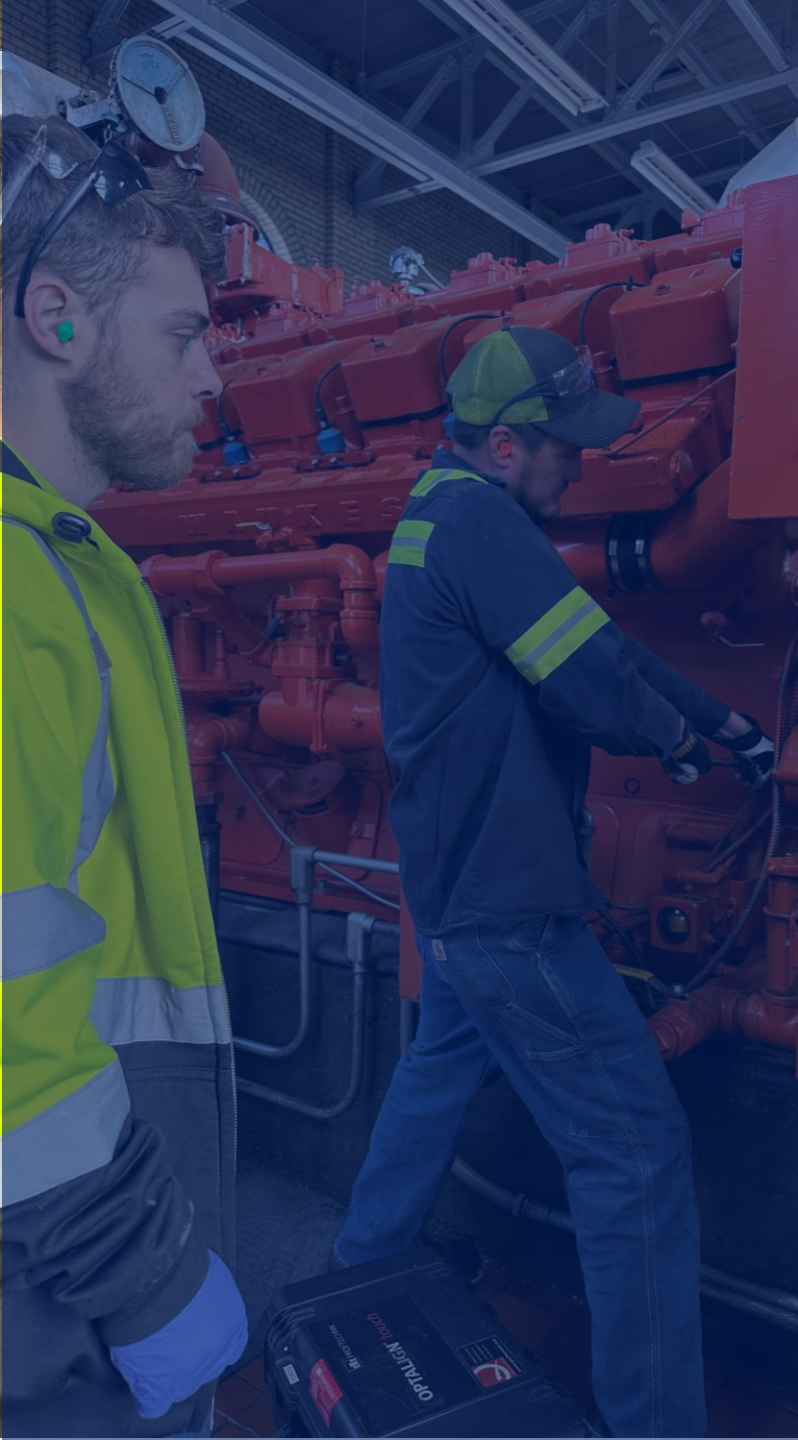
Jen Hurlebaus

### Timeframe

July 2026-December 2030

### Performance Area(s)

- Financial Capacity & Resilience
- Infrastructure Reliability



# Heat & Power and Biosolids Improvements

## *Why this project is important*

The District's energy-producing biogas and thermal systems are outdated and require increased maintenance. Additionally, the District's biosolids program faces numerous regulatory, economic, environmental and social challenges.

Recent facilities plans have identified options and alternatives to address each issue. We have identified overlaps in these projects that would increase operational efficiency and reduce capital costs by combining the heat & power and biosolids projects.

### Sponsor

### Timeframe

### Performance Area(s)

Jen Hurlebaus

July 2026-Some time in 2032

- Financial Capacity & Resilience
- Infrastructure Reliability
- Regulatory Compliance



# Collection System Capacity Evaluation

## *Why this project is important*

The District's Collection System Capacity Evaluation is an important planning document that assesses and forecasts population, land use, and wastewater flow trends across the service area. The evaluation is used to determine existing and future capacity requirements throughout the collection system.

With the 2020 Census data now available and the county's population expected to increase 12%, it is time to complete this evaluation, which is done on a 10-year cycle.

### Sponsor

Jen Hurlebaus

### Timeframe

July 2027-July 2029

### Performance Area(s)

- Public Trust
- Infrastructure Reliability



# Sewer Use Ordinance (SUO) Revisions

## *Why this project is important*

A SUO is a set of local rules that legally regulate the use of a public sewer system and allows the District to exercise its authority.

District staff and legal counsel recently revised its SUO and identified key topics to address in its next update. They further identified supplemental and required supporting documents for the SUO must be updated.

The District's SUO will be reviewed and updated every three years moving forward.

<b>Sponsor</b>	<b>Timeframe</b>	<b>Performance Area(s)</b>
Alan Grooms	July 2026-June 2029	<ul style="list-style-type: none"><li>• Regulatory Compliance</li><li>• Infrastructure Reliability</li></ul>





# Strategic Plan Development & Reporting Process

## *Why this project is important*

The Strategic Plan connects the Commission’s vision and policy direction to specific, measurable objectives for District staff. It will increase operational efficiency and enhance performance.

This project completes the work initiated in 2025 to update the District’s Strategic Plan and develop a reporting schedule and Three-Year Plan.

### Sponsors

Commission & District Executive Management Team

### Timeframe

July-December 2026

### Performance Area(s)

- All performance areas



# Executive Director Performance Evaluation Process

## *Why this project is important*

The review process will provide the Commission with a transparent tool to evaluate the Executive Director’s performance. The process will be repeatable with a focus on the Executive Director’s performance related to District performance and personal performance leading the organization. The Strategic Plan, including all performance areas, is planned to be part of the evaluation criteria.

### Sponsors

### Timeframe

### Performance Area(s)

Commission & Executive Director Performance Review Subcommittee

July-December 2026

• Public Trust



# Resolution #2026-05-28-R7

The Commission is requested to adopt  
Resolution #2026-05-28-R7  
accepting the District Three-Year Plan.

# Questions?

Madison Metropolitan  
Sewerage District



# Thank you

Madison Metropolitan  
Sewerage District



***The Commission is in Closed Session***





# Operations Report

Presented by Alan Grooms,  
Director of Operations & Maintenance



Shaded area represents one standard deviation around the 3-year average



Total Suspended Solids



Ammonia



CBOD5



Chloride



Phosphorus



Effluent f-coli

6-month average Nov. 2025 - Present

# April Plant Performance

# Questions

