

The background of the slide is a photograph of a marina. In the foreground, a wooden dock extends from the bottom center towards the middle of the frame. On either side of the dock, several sailboats are moored. The water is calm, reflecting the sky and the boats. In the background, across the water, a city skyline is visible under a blue sky with some clouds. The city includes various buildings, and a prominent white domed structure, likely a state capitol building, stands out in the center of the skyline.

Overview of District's Industrial Pretreatment Program

Julie Maas,
Pretreatment Program Coordinator

July 31, 2025

Madison Metropolitan Sewerage District





Pretreatment Program

**Staff: Pretreatment Program
Coordinator**

**Primary focus: industrial
wastewater**

**Recent change: Hauled Waste
Coordinator**

Industrial Wastewater

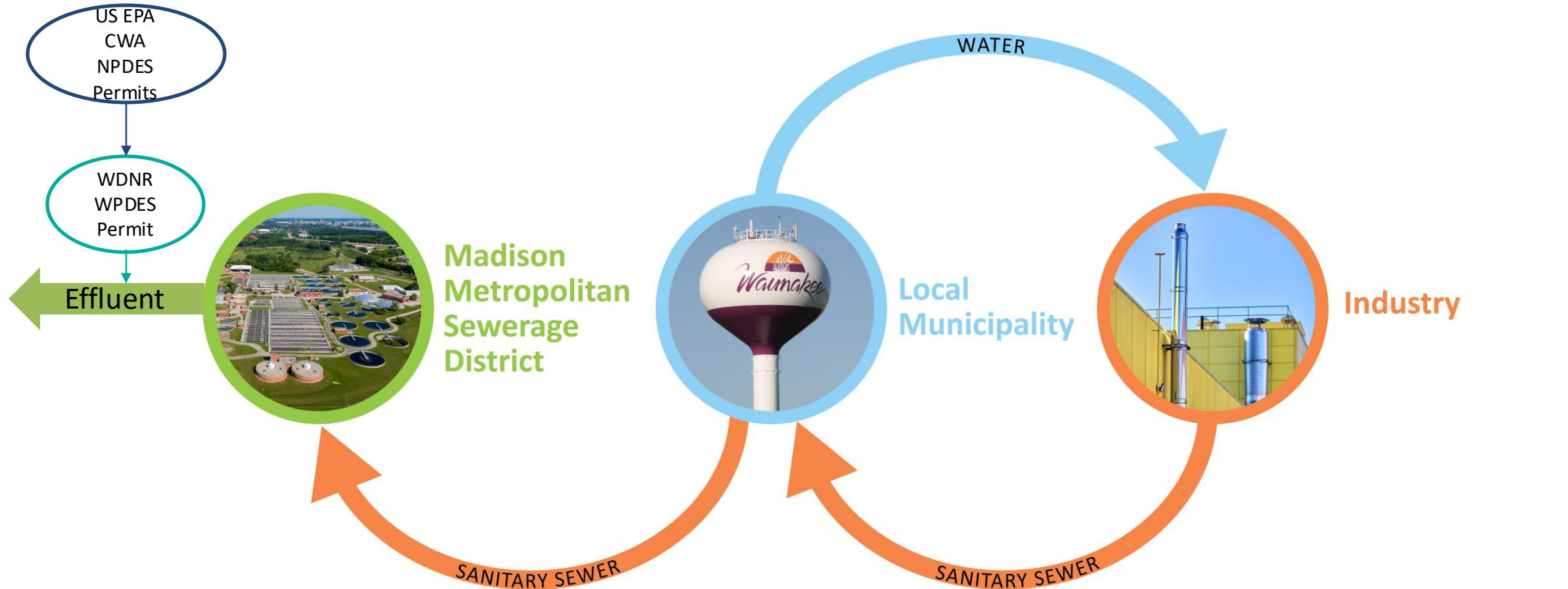
- Any non-domestic wastewater
- May be generated by a business or a public entity (“Industrial User”)
- May be discharged to collection system or hauled
- May be generated inside or outside of the District’s service area.



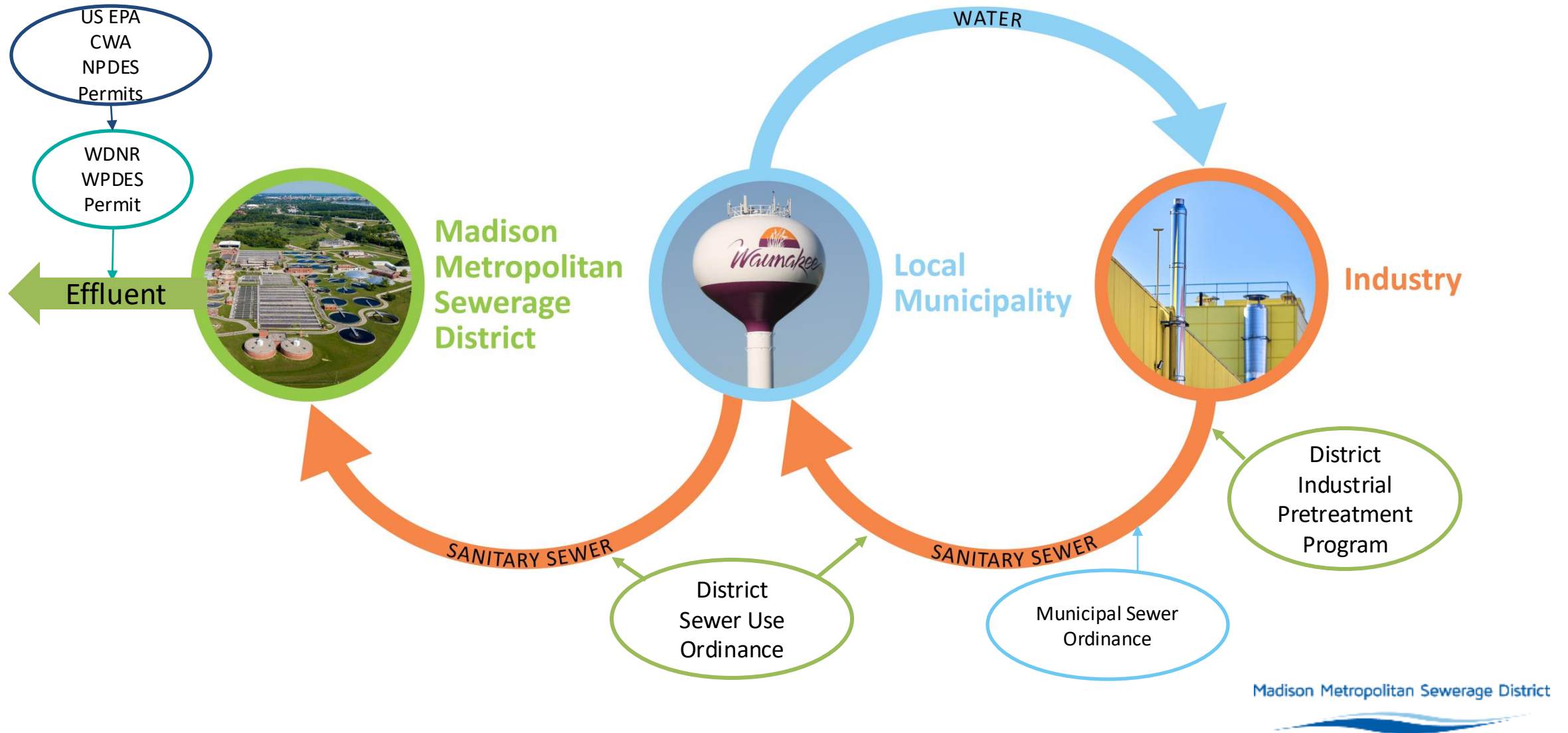
Industrial Pretreatment Program



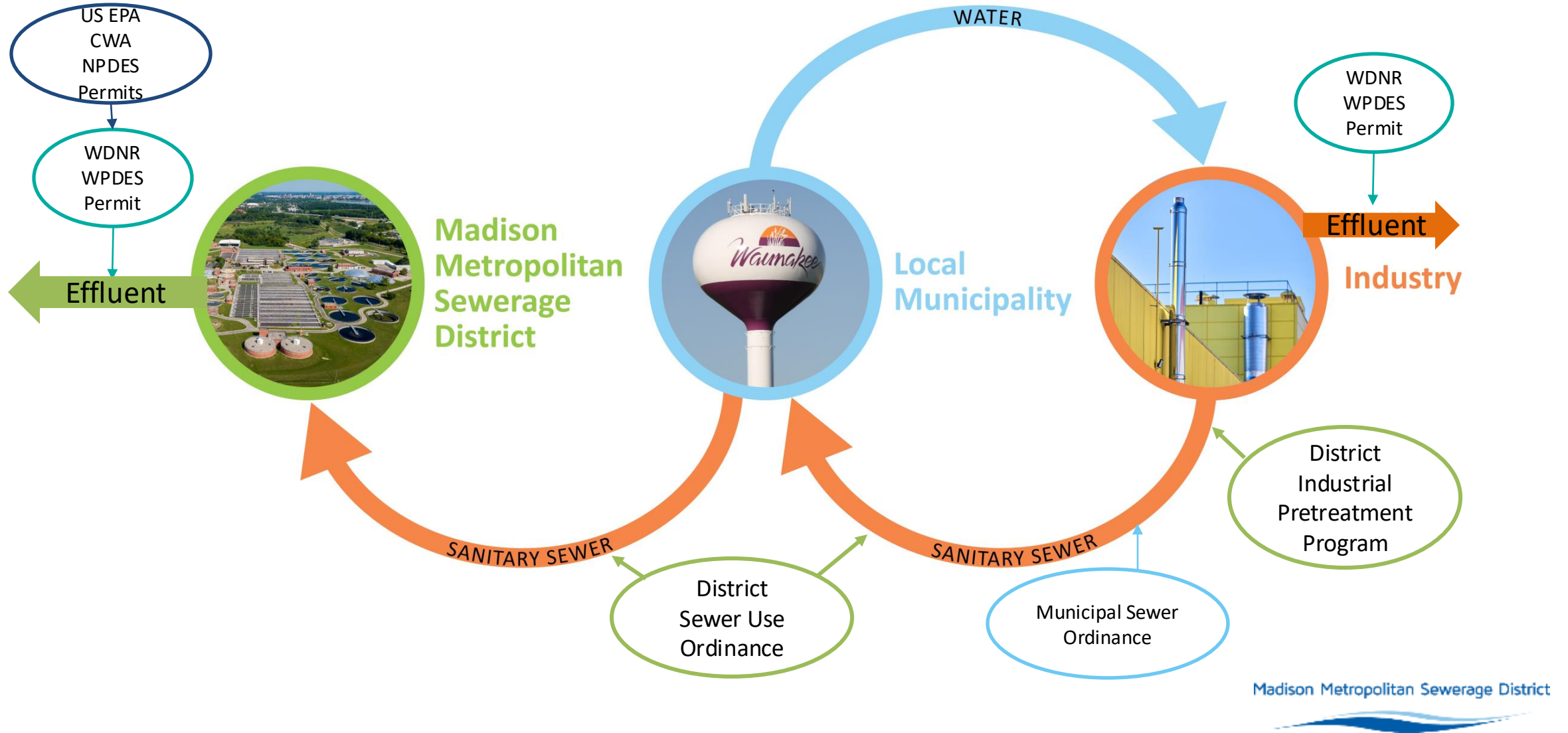
Industrial Pretreatment Program



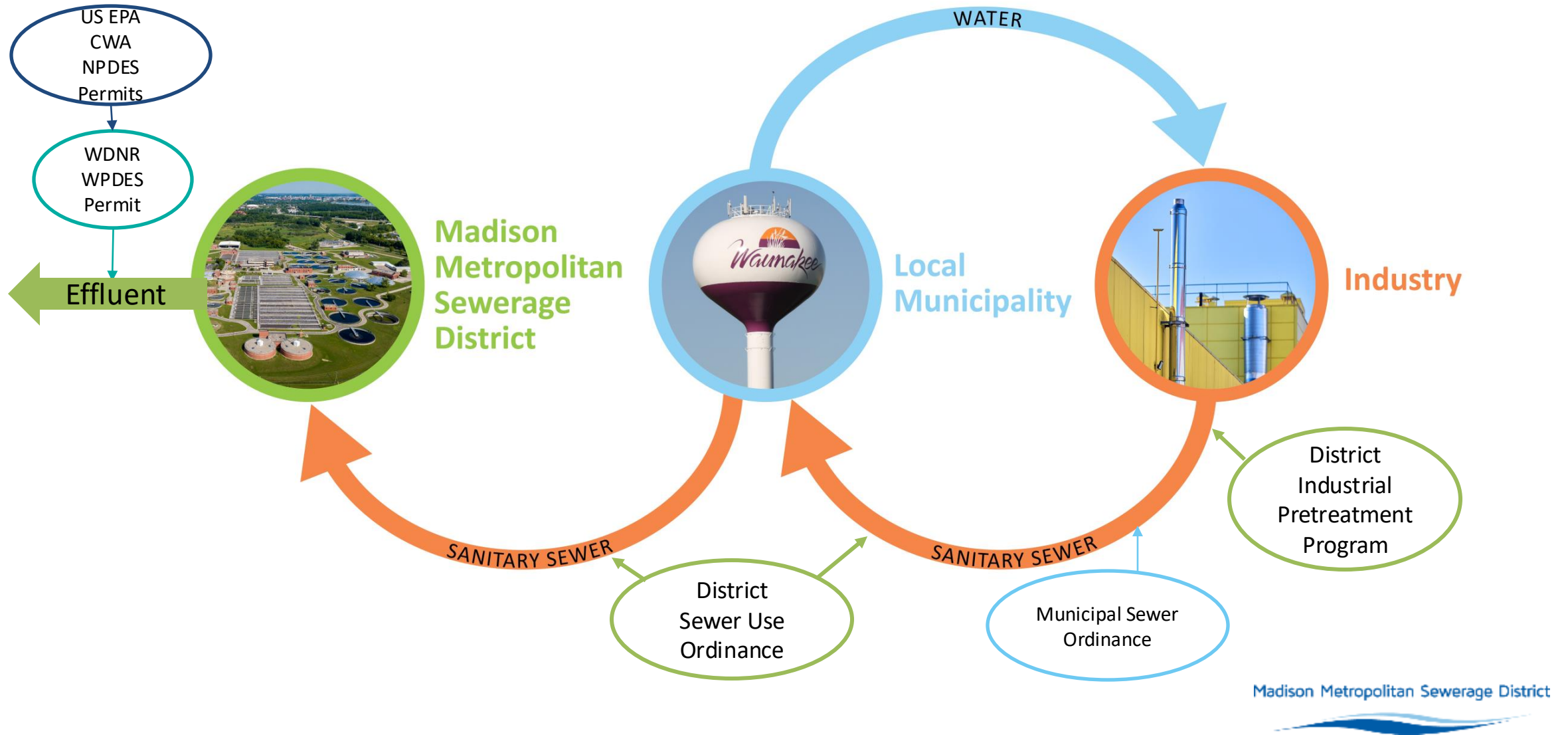
Industrial Pretreatment Program



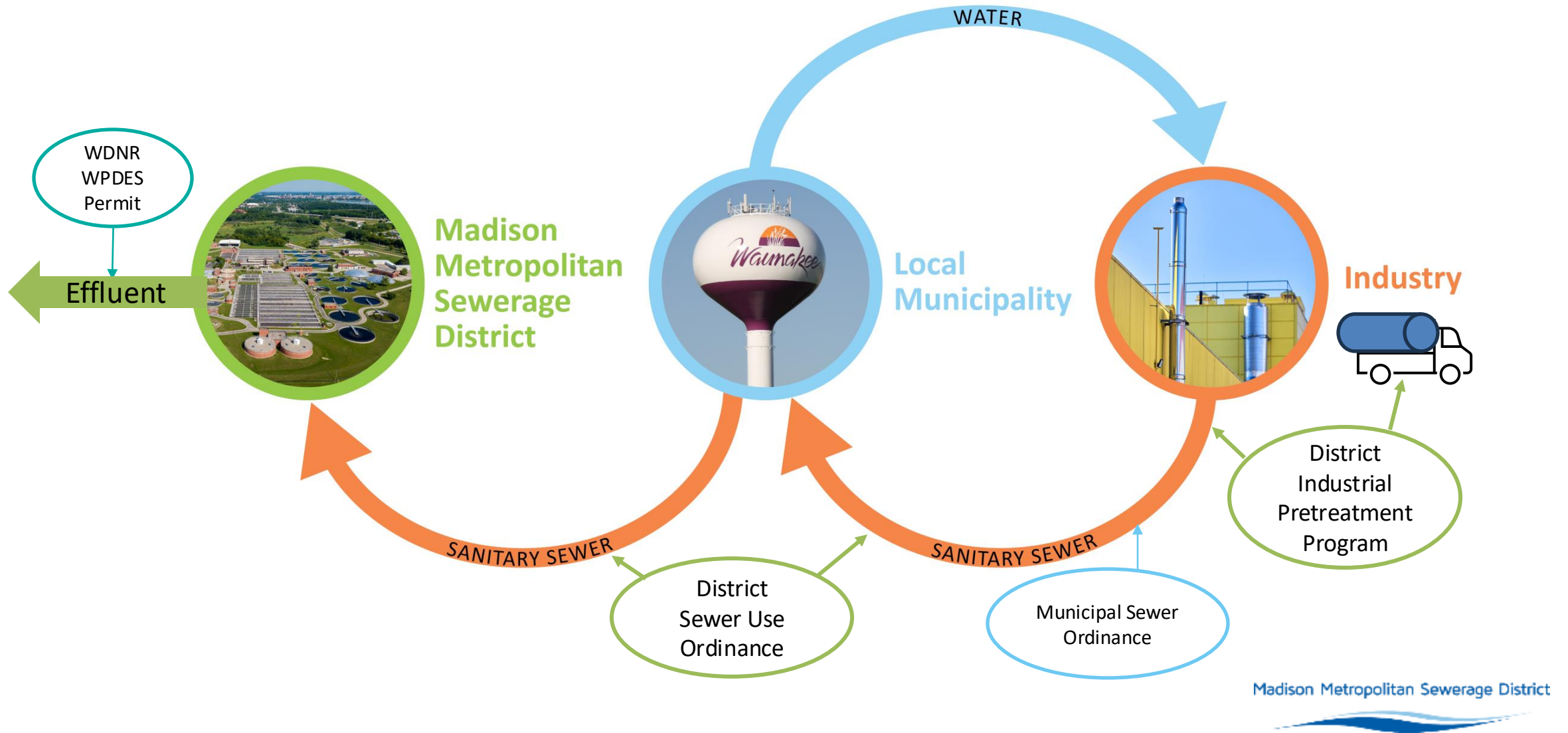
Industrial Pretreatment Program



Industrial Pretreatment Program



Industrial Pretreatment Program



Industrial Pretreatment Program Requirements

- Pretreatment Program Manual
- Enforcement Response Plan
- Industrial User Inventory
- Industrial Pretreatment Permit Program
- Semi-annual compliance reports
- WDNR program audits.

Pretreatment Program Manual

MADISON METROPOLITAN SEWERAGE DISTRICT

COMMISSIONERS
LAWRENCE B. POLKOWSKI
PRESIDENT
EDWARD V. SCHTEN
VICE-PRESIDENT
HAROLD L. LAUTZ
SECRETARY
ELIZABETH E. SALMON
GORDON C. JOHNSON

1610 MOORLAND ROAD
MADISON, WISCONSIN 53713-3398
TELEPHONE: (608) 222-1201

JAMES L. NEMKE
CHIEF ENGINEER
AND DIRECTOR

September 12, 1984

Mr. Stanton Kleinert, Chief
Pretreatment and Fee Section
Department of Natural Resources
Post Office Box 7921
Madison, WI 53707

Dear Mr. Kleinert:

On August 10, 1984, we delivered to you a request for an approval of our Industrial Pretreatment Program. Included with the transmittal letter were copies of our Industrial Pretreatment Program Summary. This summary contained a statement of the District's legal authority to administer the Pretreatment Program. Absent from the submittal were the District's Sewer Use Ordinance, and a Section detailing public participation in the Pretreatment Program. We are now forwarding this information to you.

A Public Hearing on the proposed Sewer Use Ordinance was held at the District Offices on August 23, 1984. A ten day period following the Public Hearing was allowed for comments. After considering all comments and recommendations, the Commission of the Metropolitan Sewerage District adopted a Sewer Use Ordinance on September 10, 1984. However, this Ordinance is not effective until it has been printed in a major newspaper in the District's service area. Arrangements are currently being made for this publication.

Prior to the Public Hearing on the Sewer Use Ordinance, a public meeting was held to discuss the Industrial Pretreatment Program. This meeting was attended by representatives of many of the industries in the District's boundaries. Prior to the meeting, a copy of the Industrial Pretreatment Program Summary was sent to all industries which the District felt would be subject to Categorical Standards or would require a discharge permit.

Today we are providing three revised copies of the Industrial Pretreatment Program Summary. The adopted Sewer Use Ordinance is included in Appendix I of this Summary. Appendix G includes a summary of the Pretreatment Program public meeting. Also included in this Appendix is a copy of the transcript of the Sewer Use Ordinance Public Hearing, written comments on the proposed Sewer Use Ordinance, and the District's response to some of these comments.

Enforcement Response Plan

Discharge Limit Violation

Noncompliance	Nature of the Violation	Enforcement Options	Personnel
1. Exceedance of Local or Federal Standard (permit limit)	Isolated, not significant	Phone call NOV	PC D
	Isolated, significant (no harm)	NOV AO to develop spill prevention plan	D COM
	Isolated, harm to POTW or environment	NOV AO Civil action with fine	D COM COM
	Recurring, no harm to POTW/environment	NOV AO Civil action with fine	D COM COM
	Recurring; significant (harm)	AO Civil action with fine Terminate service	COM COM COM

Industrial User Inventory

Identify and locate all possible industrial users subject to the pretreatment program.

What facilities are permitted?

- Significant Industrial Users



Madison Metropolitan Sewerage District



Significant Industrial User (SIU)

- Categorical Industrial User (CIU)
- High volume discharger (>25,000 gallons per day)
- High-strength discharger (>5% organic capacity)
- “Reasonable potential”

Categorical industries

Categorical Industries		
Aluminum Forming	Inorganic Chemicals Manufacturing	Petroleum Refining
Battery Manufacturing	Iron and Steel Manufacturing	Pharmaceutical Manufacturing
Carbon Black Manufacturing	Leather Tanning and Finishing	Porcelain Enameling
Centralized Waste Treatment	Metal Finishing	Pulp, Paper and Paperboard
Coil Coating	Metal Molding and Casting (Foundries)	Rubber Manufacturing
Concentrated Animal Feeding Operations (CAFO)	Nonferrous Metals Forming and Metal Powders	Soap and Detergent Manufacturing
Copper Forming	Nonferrous Metals Manufacturing	Steam Electric Power Generating
Electrical and Electronic Components	Oil and Gas Extraction	Timber Products Processing
Electroplating	Organic Chemicals, Plastics & Synthetic Fibers (OCPSF)	Transportation Equipment Cleaning
Fertilizer Manufacturing	Paint Formulating	Waste Combustors
Glass Manufacturing	Paving and Roofing Materials (Tars and Asphalt)	
Grain Mills	Pesticide Chemicals	

Categorical industries in the District

Categorical Industries		
Aluminum Forming	Inorganic Chemicals Manufacturing	Petroleum Refining
Battery Manufacturing	Iron and Steel Manufacturing	Pharmaceutical Manufacturing
Carbon Black Manufacturing	Leather Tanning and Finishing	Porcelain Enameling
Centralized Waste Treatment	Metal Finishing	Pulp, Paper and Paperboard
Coil Coating	Metal Molding and Casting (Foundries)	Rubber Manufacturing
Concentrated Animal Feeding Operations (CAFO)	Nonferrous Metals Forming and Metal Powders	Soap and Detergent Manufacturing
Copper Forming	Nonferrous Metals Manufacturing	Steam Electric Power Generating
Electrical and Electronic Components	Oil and Gas Extraction	Timber Products Processing
Electroplating	Organic Chemicals, Plastics & Synthetic Fibers (OCPSF)	Transportation Equipment Cleaning
Fertilizer Manufacturing	Paint Formulating	Waste Combustors
Glass Manufacturing	Paving and Roofing Materials (Tars and Asphalt)	
Grain Mills	Pesticide Chemicals	

Current permittees

Metal Finishing

Graber Manufacturing, Waunakee

Latitude Corp, Verona

Wisconsin Finishes, Verona

Carnes Company, Verona

Fristam Pumps, Middleton

Bock Water Heaters, Madison

Electronic Theatre Controls, Middleton

Metal Molding

Madison Kipp Corp, Madison

Pharmaceutical Manufacturing

Scientific Protein Labs, Waunakee

Pfizer Pharmaceuticals, Middleton

SAFC (Millpore Sigma), Verona

SAFC (Millpore Sigma), Madison

Arrowhead Pharmaceuticals, Verona



Current permittees

Steam Power Generation

MG&E Blount, Madison

MG&E WCCF, Madison

Pesticide Manufacturing

Bell Laboratories, Madison

Pesticide Formulating and Packaging

Placon, Inc., Fitchburg

OCPSF

Hydrite Chemical Co., Cottage Grove

Non-categorical

Dane County Landfill #2, Madison

Future permittees

Metal Finishing

Dane Manufacturing, Waunakee	
------------------------------	--

Pharmaceutical Manufacturing

PCI Pharmaceuticals, Madison	United Vaccine/CEVA, Verona
------------------------------	-----------------------------

Promega, Fitchburg	
--------------------	--

Non-categorical SIU

Octopi Brewing, Waunakee	Dane County Landfill #3, Madison
--------------------------	----------------------------------

Novonesis (Chr. Hansen), Windsor	Dane County Regional Airport, Madison
----------------------------------	---------------------------------------





Permit issuance

- Application
- Standard permit requirements
 - Pollutant limits
 - Monitoring
 - Reporting
 - And more!

Application Process

Madison Metropolitan Sewerage District



INDUSTRIAL WASTEWATER DISCHARGE PERMIT APPLICATION

FOR SIGNIFICANT INDUSTRIAL USERS NOT SUBJECT TO CATEGORICAL PRETREATMENT STANDARDS

DISTRICT NOTIFICATION:

This permit application is being provided to

Company Name

Company Address

Permit requirements

- All permits:
 - Pollutant limits
 - Monitoring
 - Self
 - District
 - Reporting
 - General terms and conditions
 - Special conditions

Pollutant limits

- District local limits
- Categorical
Industrial Users



Monitoring

- Facility self-monitoring
- District monitoring

Reporting

- Discharge monitoring report
- Periodic compliance report (PCR)
- Hauled wastewater report.

Other requirements



- Slug reporting
- Renewal deadlines
- General requirements
- Special conditions
- And more!



- Annual site visit includes discussion and a site walkthrough.

Site visits/
inspections

Violations and enforcement

- Enforcement response plan
- District approach
- Significant non-compliance.

District compliance

- Semi-annual compliance reports to WDNR
- Periodic WDNR audits.



Questions?



Image credits

- Images in this presentation were sourced from the Madison Metropolitan Sewerage District's collection of original assets, the Microsoft stock images library, iStock photo and the Village of Waunakee (used with permission).