

# OUR CITY OF MADISON



## Water Utility Introduction

Krishna Kumar, General Manager

# Vision and Mission

Inclusive – Innovative – Thriving



# Our Agency's Vision and Mission

***Our Madison: Inclusive,  
Innovative, & Thriving***

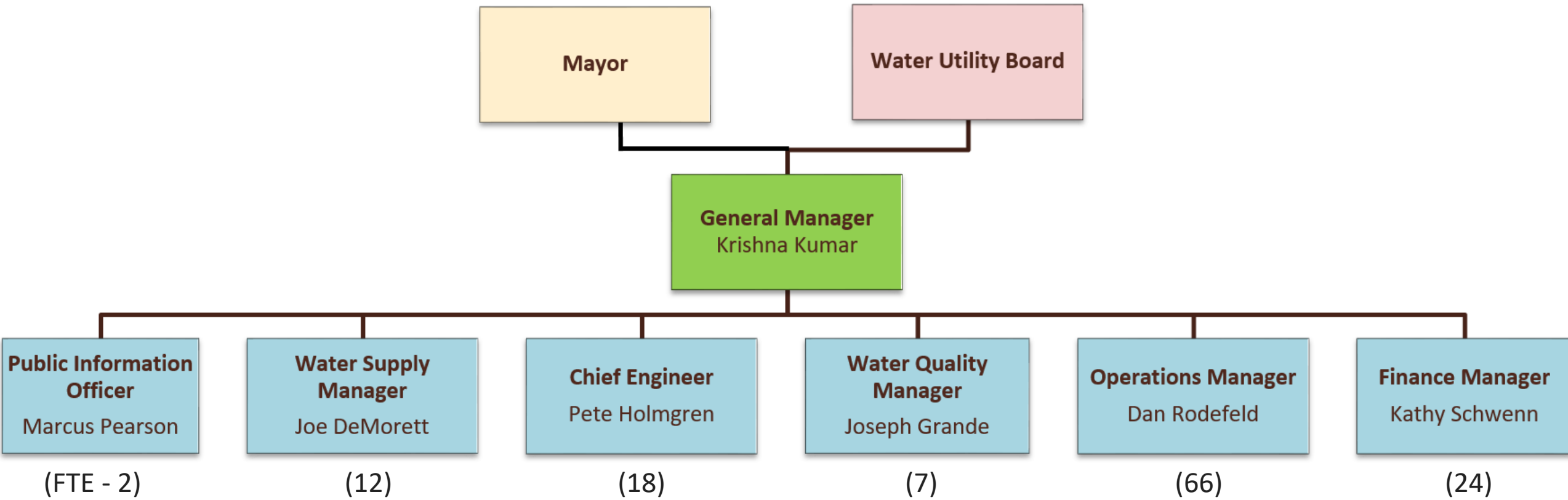


*We are entrusted by the people of Madison to supply high quality water for consumption and fire protection, at a reasonable cost, while conserving and protecting our ground water resources for present and future generations.*

# Structure, Services, and Staff



# Organizational Chart



*FTE = Full Time Equivalent*

**Total FTE: 130**

# Service Area: Engineering

## Plan, design, and construct water infrastructure

- Water system analysis and long-term planning
- Engineering design
- Construction administration services
- Map and record facilities



*Photo: Construction of a 1M gallon water tower*

# Service Area: Finance

## Fiscal planning, long-term financial analysis, and budget management

- [Develop and monitor annual budget](#) of **\$50M+**
- Track and manage **\$200M+** outstanding debt
- Maintain and manage **\$50M+** financial reserves
- Financial system management
- Manage customer service and billing administration
  - Manage of municipal services billing for **6** City services

# Service Area: Operations & Maintenance



## Proactive maintenance of water infrastructure (Assets: \$300M+)

- Maintain and repair water wells and other facilities
- Repair water main breaks (**900+** miles of pipe lines)
- Dispatch services & respond to resident inquiries
- Conduct routine tests of system operations
  - Water main flushing
  - Hydrant repair, testing, & painting
  - Valve exercising
- Fleet management (**100+** vehicles)



# Service Area: Public Information

Share mission and values with community and engage with stakeholders to preserve a safe, reliable and long-term water supply

- Community Outreach & Engagement
  - Water Wagon
  - Public information meetings
  - Social media: [facebook](#) *Instagram*   YouTube
- Media Relations
  - Press releases
  - Interviews – radio, TV, podcasts, & print media

# Service Area: Water Quality

## Ensure Madison drinking water meets state and federal standards

- Continuously test and ensure safe drinking water
  - Approximately **30,000** water quality tests conducted annually
- Analyze and report on contaminants and mitigation efforts
  - Produce and disseminate Annual Water Quality Report
- Respond to customer concerns and inquiries
- Plan and execute wellhead protection program
- Conduct cross connection control inspections

# Service Area: Water Supply

## Preserve aquifer levels through strategic groundwater management

- Operate **22** water wells, **32** water storage tanks, and **30** pumping stations
- Pump and distribute over **9 billion** gallons annually
- Monitor daily water output (average of **24** million gallons per day)
- Manage and ensure adequate water storage levels/reserves

# Key Staff

Service Area	Area Supervisor	Phone	Email
Engineering	<b>Chief Engineer:</b> Pete Holmgren	(608) 261-5530	<a href="#">Link</a>
Finance	<b>Finance Manager:</b> Kathy Schwenn	(608) 266-4645	<a href="#">Link</a>
Operations & Maintenance	<b>Operations Manager:</b> Dan Rodefeld	(608) 261-9970	<a href="#">Link</a>

# Key Staff

Service Area	Area Supervisor	Phone	Email
Public Information	<b>Public Information Officer:</b> Marcus Pearson	(608) 266-9129	<a href="#">Link</a>
Water Quality	<b>Water Quality Manager:</b> Joe Grande	(608) 261-9101	<a href="#">Link</a>
Water Supply	<b>Water Supply Manager:</b> Joe DeMorett	(608) 267-4902	<a href="#">Link</a>

# Common Citywide Collaborations

Inclusive – Innovative – Thriving



CITY OF MADISON

# Common Citywide Collaborations

Our agency most often collaborates with these agencies across TeamCity:

Agency	Topic(s)
City Engineering	Coordinate & prioritize public works projects
Fire Department	Hydrant access & adequate pressure/flow
Information Technology	Data management systems; cybersecurity
Parks Department	Facility and greenspace collaboration
Planning Department	Land use plans; infrastructure expansion
Traffic Engineering	Interruptions during repairs and projects

# Boards, Committees, Commissions

Our agency staffs the following City of Madison Boards, Committees and Commissions:

Board, Committee, Commission	Key Staff
Water Utility Board	Krishna Kumar
Water Quality Technical Advisory Committee	Joe Grande



# Agency Resources

Inclusive – Innovative – Thriving



# Our Agency's Key Links

- Agency Websites: [madisonwater.org](https://madisonwater.org) & [cityofmadison.com/water](https://cityofmadison.com/water)
- Key Reports:
  - [Annual Water Quality Report, 2022](#)
  - [Madison Water Utility Annual Report, 2021](#)
- [Wisconsin State Statutes](#)
  - [Chapter NR 809 – Safe Drinking Water](#)
  - [Chapter NR 810 – Operation and Maintenance of Public Water Systems](#)
  - [Chapter NR 811 – Operation and Design of Community Water Systems](#)
  - [Chapter PSC 185 – Standards for Public Water Utility Service](#)

# Our Agency's Key Links

- [Madison General Ordinances](#)
  - [Chapter 13 – Public Water Supply System](#)
  - [Chapter 28 – Zoning Code \[Section 102 – Wellhead Protection Districts\]](#)
- [Council Resolutions](#)

# Our Agency's Acronyms

Common acronyms used by our agency include:

AMI

- Advanced Metering Infrastructure

AWWA

- American Water Works Association

CCR

- Consumer Confidence Report

CIPP

- Cured-In-Place-Pipe

DNR

- Department of Natural Resources

ERP

- Emergency Response Plan

# Our Agency's Acronyms

Common acronyms used by our agency include:

**GAC**

- Granular Activated Carbon

**GIS**

- Geographic Information System

**HDD**

- Horizontal Direction Drilling

**MGD**

- Million Gallons per Day

**MWU**

- Madison Water Utility

**PFAS**

- Per- and Poly- Fluoroalkyl Substances

# Our Agency's Acronyms

Common acronyms used by our agency include:

**PRV**

- Pressure Reducing Valve

**RPZ BP**

- Reduced Pressure Zone Backflow Preventer

**SCADA**

- Supervisory Control and Data Acquisition

**SDWA**

- Safe Drinking Water Act

**SDWLP**

- Safe Drinking Water Loan Program

**WHPP**

- Wellhead Protection Plan

# Our Agency's Acronyms

Additional **water quality** acronyms used by our agency include:

DBP

- Disinfection By-Products

LCR

- Lead & Copper Rule

MCL

- Maximum Contaminant Level

PPB/PPT

- Parts Per Billion; Parts Per Trillion

RAA

- Running Annual Average

VOC

- Volatile Organic Compound

# OUR CITY OF MADISON



## Let's Connect!

Krishna Kumar, General Manager

[kkumar@madisonwater.org](mailto:kkumar@madisonwater.org)

608.266.4652

CITY OF MADISON