



# Information item

MAWSAC/TAC update



# Goals for today



## Topics

- Connection to water planning framework
- Metro Area Water Supply Advisory Committee (MAWSAC) and Technical Advisory Committee (TAC) purpose and members
- Committee recommendations
- Next steps

# Metro area water planning framework



# Statutory requirements for metro area water supply planning



## Minnesota Statute 473.1565

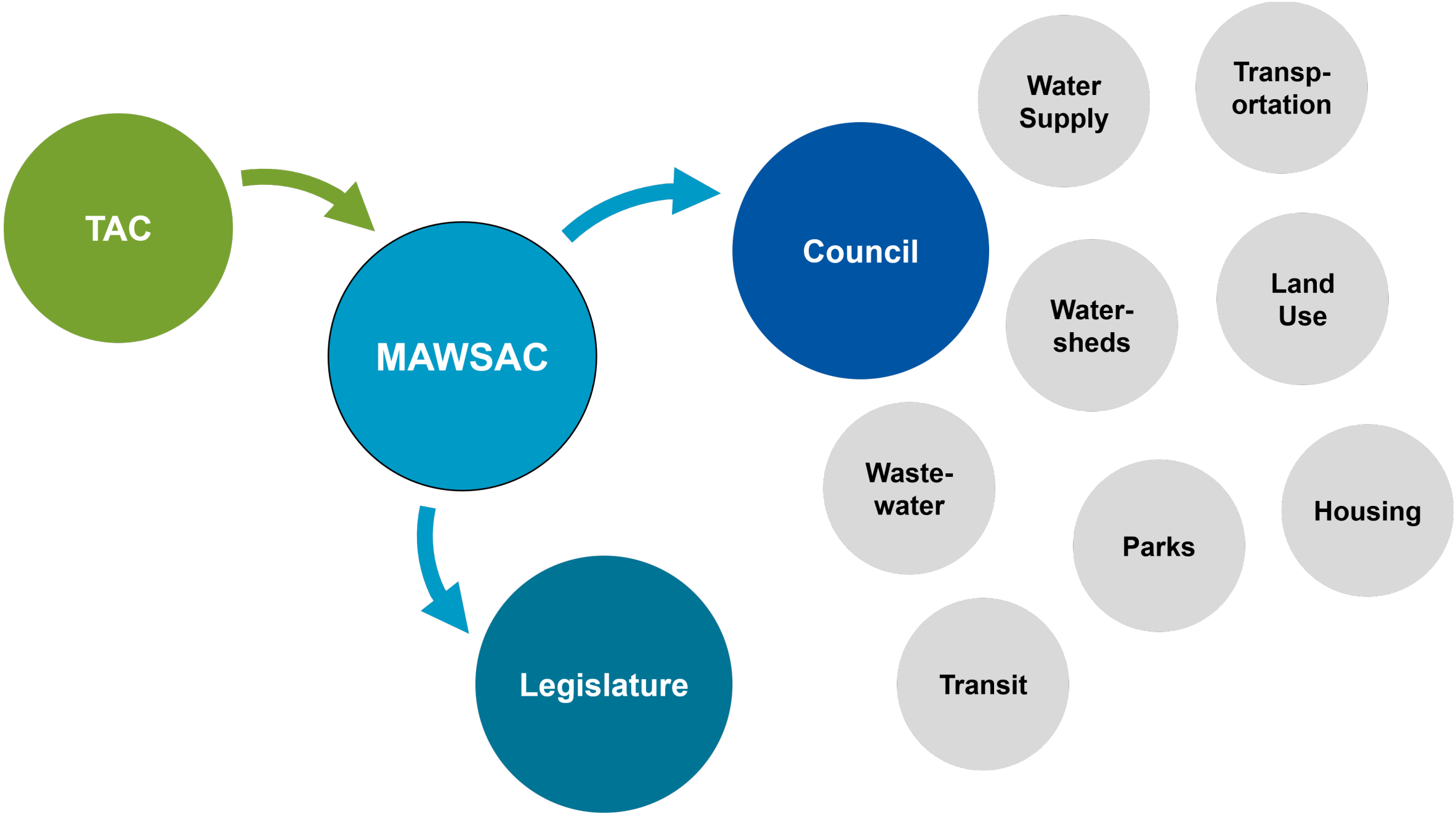
The Metropolitan Council must carry out planning activities addressing the water supply needs of the metropolitan area

- A. Provide technical information
- B. Make recommendations about roles, streamlining, and funding
- C. Develop a metropolitan area water supply plan that:
  - Provides guidance for local water supply systems and future regional investments
  - Emphasizes conservation, interjurisdictional cooperation, and long-term sustainability
  - Addresses the reliability, security, and cost-effectiveness of the metropolitan area water supply and its local and subregional components

The plan must be prepared in cooperation with and subject to the approval of MAWSAC. TAC will inform MAWSAC.

The Council must consider the work and recommendations of MAWSAC when it prepares its regional development framework.

# Key water supply planning relationships



# Key roles in regional water supply planning

<b>Met Council</b> <i>Plan for water supply</i>	<b>MAWSAC</b> <i>Assist the Council with water supply planning</i>	<b>TAC</b> <i>Inform MAWSAC (technical)</i>
<b>Regional Development Guide</b> Develops and approves the plan	<b>Regional Development Guide</b> Recommends water supply-related content (ex: vision, goals)	<b>Regional Development Guide</b> Recommends water supply-related content (ex: vision, goals)
<b>Water Resources Policy Plan</b> Develops and approves the plan	<b>Water Resources Policy Plan</b> Involved with the development of water supply-related content (policy focus)	<b>Water Resources Policy Plan</b> Involved with the development of water supply-related content (technical focus)
<b>Metro Area Water Supply Plan</b> Adopts the plan and collaborates to support its implementation  <i>The Council is NOT a water supplier or regulatory agency. We do not consider water supply a regional system.</i>	<b>Metro Area Water Supply Plan</b> Approves the plan and recommends Met Council adoption	<b>Metro Area Water Supply Plan</b> Recommends MAWSAC approve the plan

# MAWSAC and TAC membership

## MAWSAC members

- **Wendy Wulff**, Committee Chair
- **Annika Bankston**, City of Minneapolis
- **Jeff Berg**, Department of Agriculture
- **Sandeep Burman**, Department of Health
- **John Gleason**, Department of Natural Resources
- **Mike Huang**, City of Chaska
- **Phil Klein**, City of Hugo
- **Brad Larson**, City of Savage
- **Valerie Neppi**, Dakota County
- **Patrick Shea**, St. Paul Regional Water Services
- **Erik Smith**, Pollution Control Agency
- **Lisa Vollbrecht**, St. Cloud Public Utilities
- **Kevin Watson**, City of Vadnais Heights

## TAC members

- **Scott Anderson**, interim chair, City of Bloomington
- **John Dustman**, Summit Envirosolutions
- **Robert Ellis**, City of Eden Prairie
- **Dale Folen**, City of Minneapolis
- **Elizabeth Kaufenberg**, Pollution Control Agency
- **Kim Larsen**, Department of Health
- **Matt Saam**, City of Apple Valley
- **James Stark**, United States Geological Survey & Legislative Water Commission
- **Jim Westerman**, City of Woodbury
- **Ray Wuolo**, Barr Engineering Company

# MAWSAC recommendations

Summary, full report, and other committee work on MAWSAC's webpage:

<https://metro council.org/Council-Meetings/Committees/Water-Supply-Advisory-Committee.aspx>

RECOMMENDATIONS FOR  
WATER SUPPLY PLANNING IN THE METRO AREA



METROPOLITAN AREA WATER SUPPLY ADVISORY COMMITTEE

FEBRUARY, 2022



# Consider the following

- Funding is needed for public water suppliers' and partners' emergency responses.
- Communities across the region need and are seeking funding for proactive infrastructure upgrades and expansion.
- Coordination across political boundaries is critical, because water moves freely between communities and one community's water supply decisions will impact others.
- Proposals have the most impact when they can advance multiple goals at once, recognizing the nexus between water quality, land use, groundwater-surface water interaction, and water supply infrastructure.
- Look for opportunities to remove regulatory barriers to help advance our goals for the region.
- Request information from water utilities and resource managers to craft the most effective legislation.

# MAWSAC goals for water supply

1. **Water Supply Infrastructure:** Communities can act quickly, thoughtfully, and equitably to address aging infrastructure, contamination, changing groundwater conditions, changing water demand, and financial challenges.
  2. **Water Quality:** Communities have the resources they need to provide a safe water supply. A shared process is developed that allows communities, water utilities, and regulators to respond in a more coordinated and effective way to both contaminants of emerging concern and existing contamination.
  3. **Land use and Water Supply Connections:** Public water suppliers, land use planners, and developers have tools a, funding and authority to work together – supported by aligned agency directions - to guide and support development in ways that balance communities' economic needs while protecting the quantity and quality of source waters that are vital to the region's communities.
  4. **Understand and Manage Groundwater and Surface Water Interactions:** Water resource managers, community planners, and leaders understand how groundwater and surface water interact and how those interactions impact water supply sustainability.
  5. **Sustainable Water Quantity\*:** Communities and water agencies understand the sustainable limits of groundwater and surface water sources. Agency directions are aligned and support local plans to supply demand that exceeds sustainable withdrawal rates using the most feasible combination of alternative groundwater or surface water sources, conservation, reclaimed wastewater and stormwater reuse.
- *\*Added after 2022 report to Met Council, Legislature.*

# Framework for action



## COLLABORATION AND CAPACITY BUILDING

1. Engage leaders
2. Connect to technical experts
3. Build capacity



## SYSTEM ASSESSMENT

1. Describe, document and diagram
2. Assess hazards
3. Characterize risk



## MITIGATION MEASURE EVALUATION

1. Identify and evaluate mitigation measures
2. Reassess and prioritize risks



## PLANNING AND IMPLEMENTATION

1. Establish subregional planning approach
2. Target regional guidance and incentives
3. Better prepare for the unexpected
4. Support local planning and implementation
5. Check outcomes and adapt to continuously improve

# 3/15/23 workshop for subregional water supply groups and partners



## Goals

Local water leaders share collective insights, information and advice.

MAWSAC, TAC, and Met Council listen.

## Outcomes

1. Good conversations and connections among colleagues
2. Shared concerns
3. Project ideas to work on as a subregional groups, and what support would be helpful
4. Clear next steps for regional plan updates

# Shared concerns

## DIFFERENCES BY SUBREGION

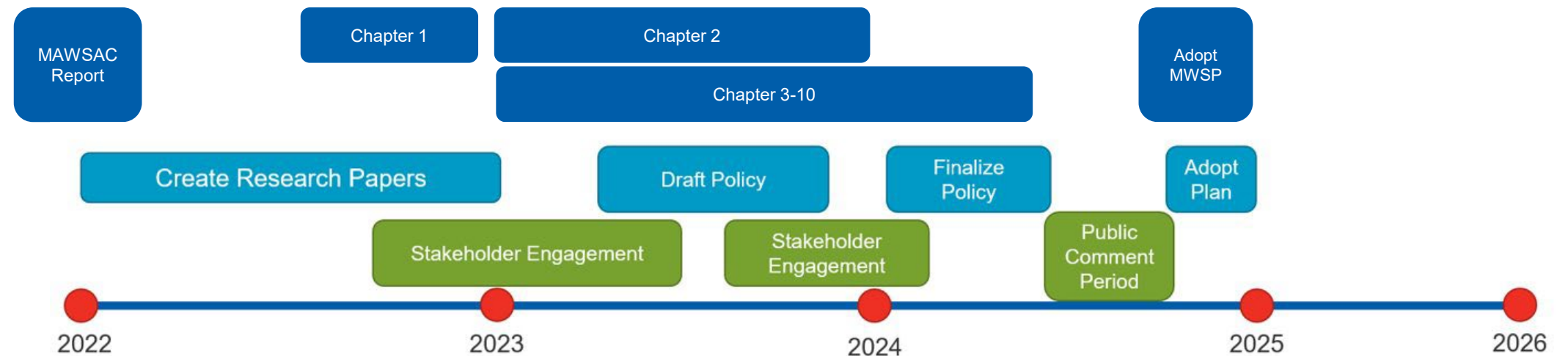
"THE WATER RESOURCES ARE THE DIFFERENCE - LEADS TO LOCAL NEEDS/PRIORITIES"

SUBREG. APPROACH + CONVENING TO GETHER STROU, SUPPORTABLE

## Topics to address region-wide

- Money
- Conservation
- Growth
- Climate
- Contamination
- Workforce

# Overall process timeline and next steps



## Upcoming committee work:

- Supporting subregional engagement to shape Metro Area Water Supply Plan content
- Committee input to water policy development and projects
- Development and approval of Metro Area Water Supply Plan

# Learn more about Council water supply work

**Summary of the Council's work since 2005, guided by MAWSAC and TAC:**

<https://metrocouncil.org/Wastewater-Water/Publications-And-Resources/WATER-SUPPLY-PLANNING/REPORTS-TO-THE-LEGISLATURE/Water-Supply-Planning-in-the-Twin-Cities-Metropoli.aspx>

## WATER SUPPLY PLANNING IN THE TWIN CITIES METROPOLITAN AREA (2005-2020)

*Metropolitan Council report on findings, recommendations and continuing planning activities completed under Minnesota Statutes 473.1565*



September 2020



Thank You

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Manager, Water Resources

