

# Metropolitan Council's Role in Water Supply

Presented on  
July 20, 2016



Presented by  
**David Brown, Senior Engineer**  
Metropolitan Council Environmental Services  
Water Supply Planning Department

Presented to the  
Water Supply Technical Advisory Committee



# Presentation Key Points

- Why is the Council involved in Water Supply Planning (WSP)?
- How does Water Supply Planning fit into the Council's Role in Integrated Water Resource Management?
- Who informs and advises the Council's planning activities?
- How is the Council's Water Supply Planning funded?
- What Water Supply Planning work has the Council been involved in?

# History of Water Supply Planning at Metropolitan Council

1967

Metropolitan Council created

1987-1990

Severe drought across Minnesota

1989

Statute directing Council to engage in water supply planning

1993

Statute directing local water supply planning

2005

Statute creating MAWSAC & directing Council to engage in water supply planning

2010

Regional Master Water Supply Plan adopted

2015

Master Water Supply Plan Updated. Statute creating TAC.

# Metropolitan Council Roles in Water



# Who informs and advises the Council's Water Supply Planning activities?

- **Metropolitan Area Water Supply Advisory Committee (MAWSAC)**
- **Water Supply Technical Advisory Committee (TAC)**
- MN State Statutes, Governor's office, MN Legislature and state agencies
- Water Supply Work Groups
- Clean Water Council
- Communities in the Twin City Region
- Other various water related stakeholders

# How is the Council's Water Supply Planning funded?

- Clean Water Funds
  - Biennial appropriations from 2010-2017
- MN State General Fund appropriations
  - One time biennial appropriation in 2015
- Council Funds
  - Limited annual budget for basic planning function



# What Water Supply Planning work has the Council been involved in?

- Studies and projects
- Grants
- Public outreach and education
- Water Supply Work Groups

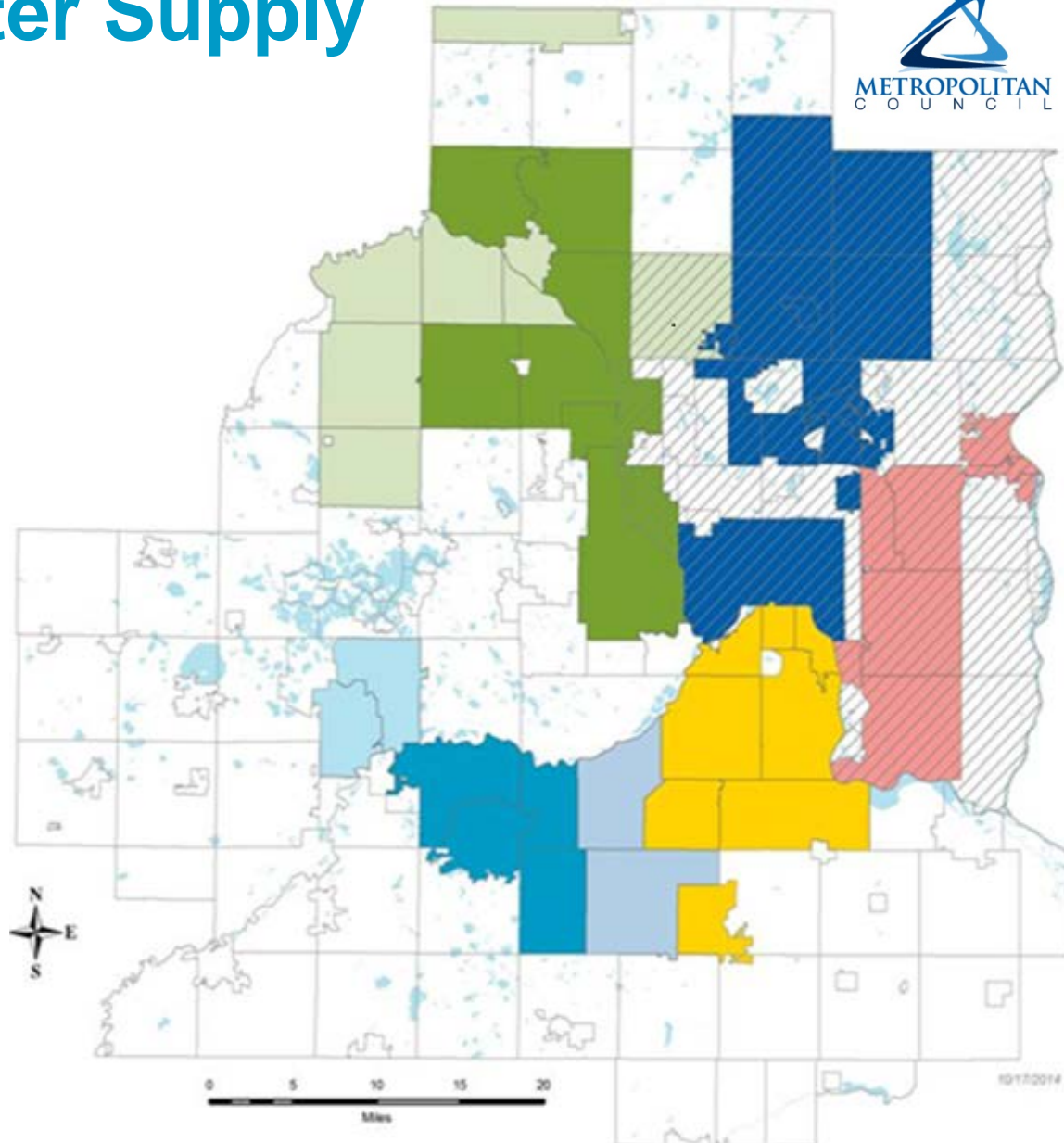
# Subregional Water Supply Workgroups



-  Lakes and Rivers
-  City and Township Boundaries
-  North and East Groundwater Management Area

## Communities in Metro Area Water Supply Work Groups

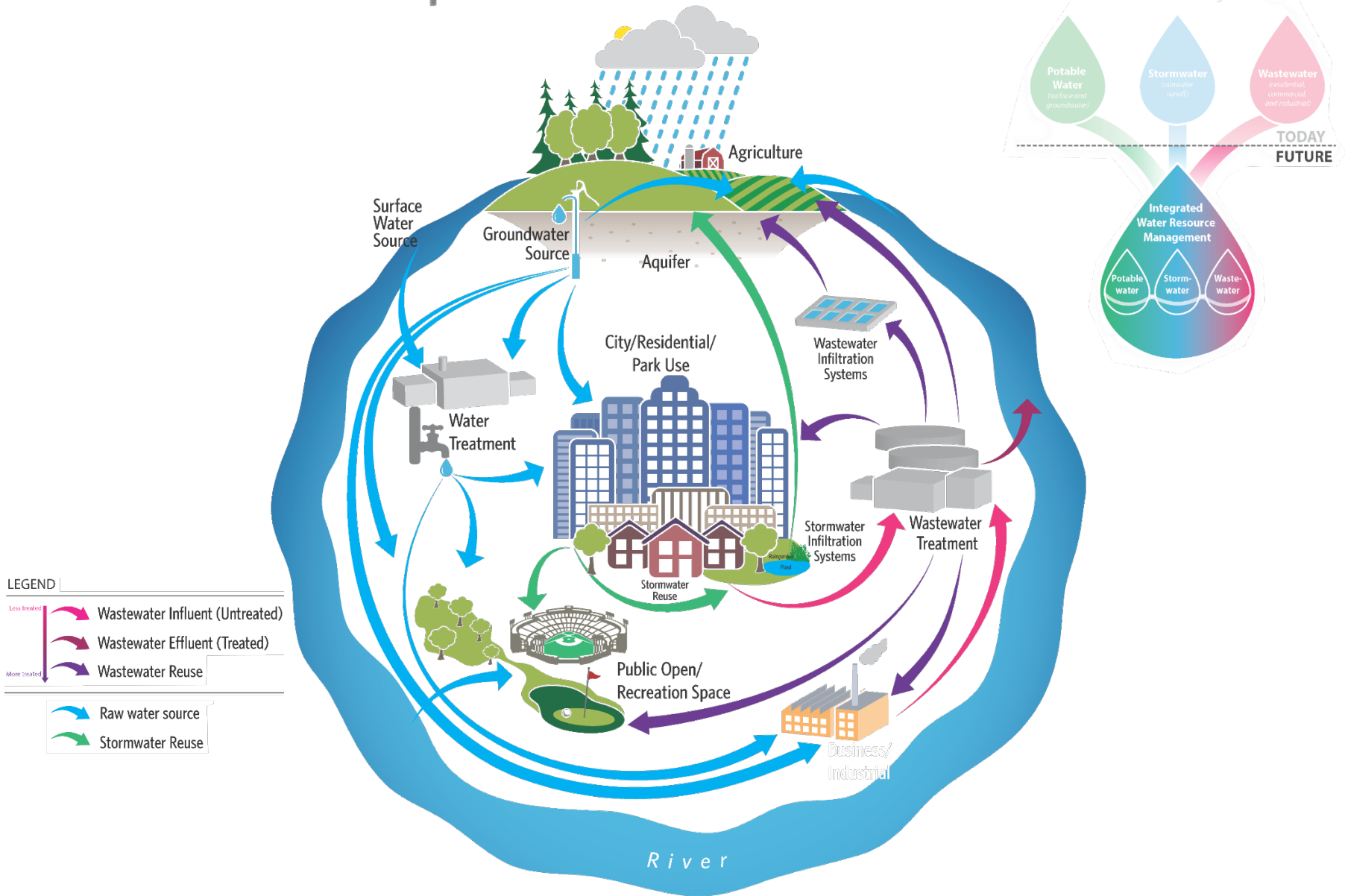
-  Not Active in Work Group
-  Northeast Metro Water Supply Work Group
-  Formerly Active Northwest Metro Water Supply Work Group
-  Northwest Metro Water Supply Work Group
-  Seminary Fen Work Group
-  South Washington County Water Supply Work Group
-  Southeast Metro Water Supply Work Group
-  Southeast and Southwest Water Supply Work Groups
-  Southwest Metro Water Supply Work Group





# Integrated Water Resource Management

## In the Twin Cities Metropolitan Area



# Metropolitan Council TAC Contacts

- **Dave Brown, Senior Engineer** (main contact)
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- **Ali Elhassan, Water Supply Planning Manager**
  - [ali.elhassan@metc.state.mn.us](mailto:ali.elhassan@metc.state.mn.us), 651-602-1066
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# Water Supply TAC's Role in Regional Water Supply Planning

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Metropolitan Council Environmental Services  
Water Supply Planning Department

Water Supply Technical Advisory  
Committee

# Council Values Input into Water Supply Planning



# Community Technical Work Group Milestones

August  
2014

- Stakeholder letters about Master Water Supply Plan
- Work Group scoped

January  
2015

- Work Group appointed by Metro Cities

February  
2015

- Work Group begins meeting

May  
2015

- Work Group supports release of Master Water Supply Plan for review

September  
2015

- Work Group reconvenes, supports Master Water Supply Plan adoption



# Community Technical Work Group (CTWG)

## CTWG Member

## Organization

❖ <b>Bob Cockriel</b> *	Bloomington
❖ <b>Jennifer Levitt</b> *	Cottage Grove
❖ <b>Dale Folen</b> *	Minneapolis
❖ <b>Mark Maloney</b> *	Shoreview
❖ <b>Klay Eckles</b> *	Woodbury
❖ Steve Lillehaug	Brooklyn Center
❖ Steve Albrecht	Burnsville
❖ Russ Matthys	Eagan
❖ Brian Olson	Edina
❖ Bert Tracy	Golden Valley
❖ Michael Thompson	Maplewood
❖ Jim Graupmann	St. Paul Regional Water Services

\* **Members of TAC**

# Additional CTWG Members

- ❖ Jason Moeckel Inventory, Monitoring, Analysis Section Manager, DNR
- ❖ Joe Richter District Appropriation Hydrologist, DNR
- ❖ Carmelita Nelson Water Conservation Consultant
- ❖ **Ray Woulo \*** Vice President, Principal Hydrologist, Barr Engineering

\* Members of TAC

# Topics Suggested by CTWG for TAC Study:

- Better coordination of broad water supply planning roles
- Clarify regional reduction goals and how they relate to growth
- Standards of reporting on water use
- Regional partnership opportunities
- Input on use and updates of community profiles
- Identify/prioritize data gaps and input for regional groundwater model

# Legislature formalizes requirement for Technical Advisory Committee

- 2015 Session Law adds TAC to MN Statute 473.165
  - Membership: 15 members appointed by MAWSAC with the majority of members representing single-city or multi-city public water supply systems in the Metro
  - Including experts in:
    - Water resources analysis and modeling
    - Hydrology
    - Engineering, planning, design, and construction of water systems finance

# TAC Purpose: (per 2015 Minnesota Statute 473.1565 Subdivision 2a)

- *“...to inform the Metropolitan Area Water Supply Advisory Committee’s (MAWSAC) work by providing scientific and engineering expertise necessary to provide the region an adequate and sustainable water supply.”*



# Group Discussion

- *What does success look like to you for the TAC?*
- *What do you want to help achieve through the TAC?*
- *How do you see yourself, as a TAC member, helping that to happen?*

# Water Supply TAC's Review TAC Charter

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Presented by  
Lanya Ross, Principal Environmental Scientist  
Metropolitan Council Environmental Services  
Water Supply Planning Department

Water Supply Technical Advisory  
Committee

# Scope

The TAC will be designed to:

1. Create an open and collaborative environment for the exchange of water supply technical information and to fully explore the technical aspects of water supply-related issues raised by MAWSAC.
2. Provide ongoing advice for MAWSAC in its water supply planning activities.
3. Serve as a conduit for communication between technical water supply stakeholders and MAWSAC. For example, the TAC may serve as a place for stakeholders to go to raise issues or constraints related to costs, regulatory hurdles, etc.

# Deliverables

- Approved and supported committee charter
- Annual work plan developed with input from MAWSAC
- Input to MAWSAC regarding five year reports to the MN Legislature.
- Regular updates to MAWSAC about important water supply-related developments, opportunities and constraints
- Recommendations to MAWSAC for improving key technical aspects of regional water supply planning, such as projects and plans that Metropolitan Council is working on
- Annual evaluation of committee effectiveness

# Milestones & Schedule

- First committee meeting to be convened by July 20, 2016.
- TAC charter approved by MAWSAC by \_\_\_\_.
- TAC Work plan developed by \_\_\_\_.
- Committee meetings scheduled on at least a quarterly basis, beginning with July 20, 2016. As the TAC begins work and during large projects, meeting every 2 months is preferred.
- Provide briefing to MAWSAC on at least a quarterly basis.
- Provide input to MAWSAC regarding 2017 report to the MN Legislature by \_\_\_\_.



# Roles & Authorizations

There is an expectation of regular participation by committee members. A process will be developed to replace members who, due to a variety of reasons, may be unable to attend regularly.

## **Chair (TAC member)**

Leads TAC meetings. In absence of Vice Chair, reports to MAWSAC.

## **Vice Chair (MAWSAC member)**

Reports to MAWSAC. In absence of Chair, leads TAC meetings.

**THANK YOU!!**