# Water Resources Policy Plan Advisory Group Meeting #1

WRPP Advisory Group Meeting October 4, 2021







# Agenda

- Welcome and Introductions
- and Background Information
- Draft Work Plan
- Roles and Responsibilities
- Introduction to New Issues to Consider- Discussion for Meeting #2
- Next Steps

#### Water Resources Policy Plan/Wastewater System Plan Update Process



# Welcome and Housekeeping Information



**Use Both Video and Microphones:** When speaking turn on both; turn off when not. \* We know there might be internet problems and we can adjust \*

#### Try to Limit External Distractions: Turn off email & phones. Be here now. \* We know there are always exceptions, please let us know by chat if you step away \*



**Problems May Occur:** It happens... we'll get through this. \* Please email Tessa Wegenke if you can't get back to us \*









### Introductions

#### When it's your time to introduce yourself, please say your:

- Name
- Title
- Organization
- Name one or two specific areas of interest or concerns related to regional water policies that you want us to know about?





# 2040 Water Resources Policy Plan/Wastewater System Plan Update Process and Background Information Update

Judy Sventek, Water Resources Manager Kyle Colvin, Wastewater Planning and Community Programs Manager





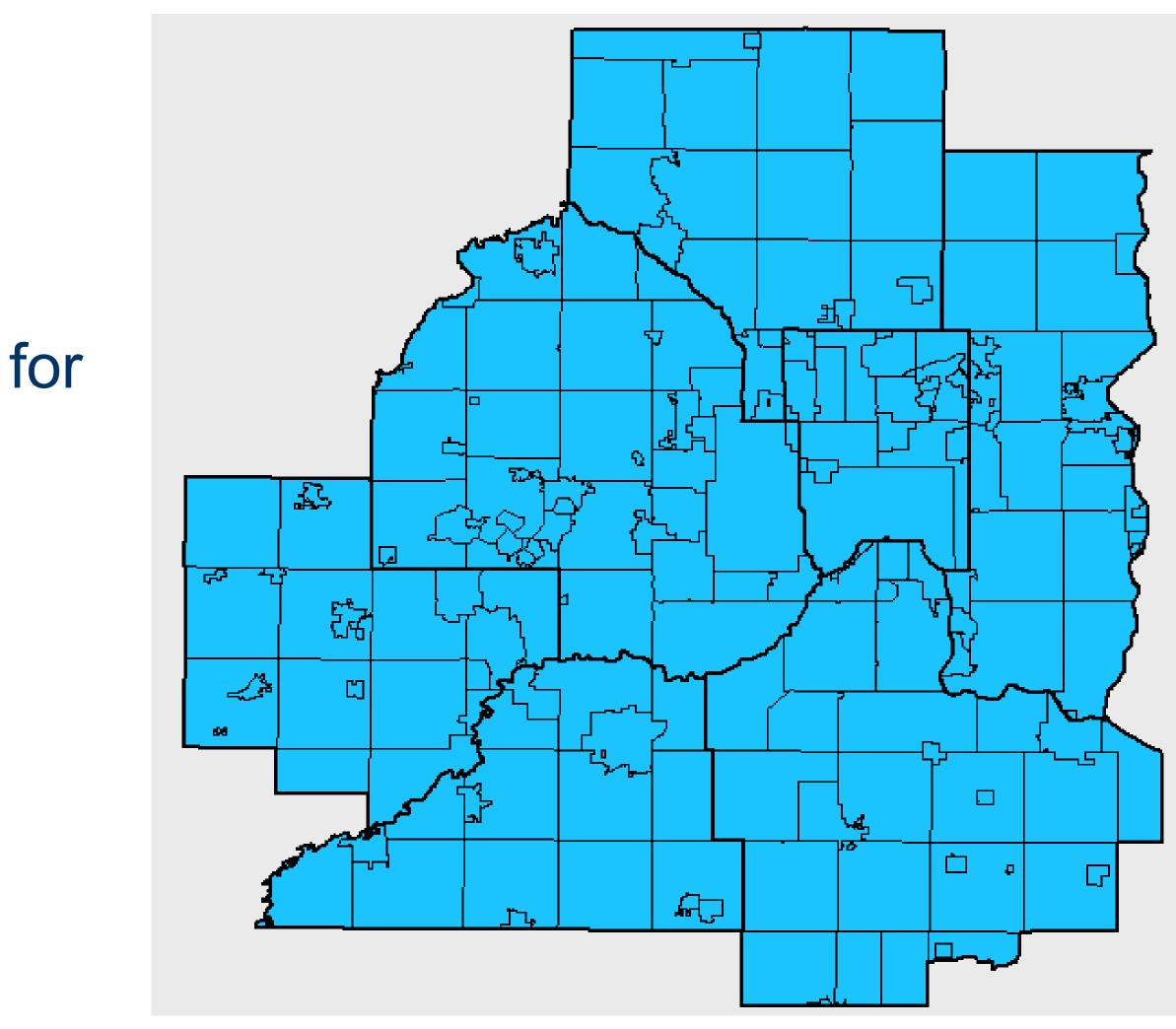


# **Regional Planning Authority**

Minnesota Statutes, Chapter 473

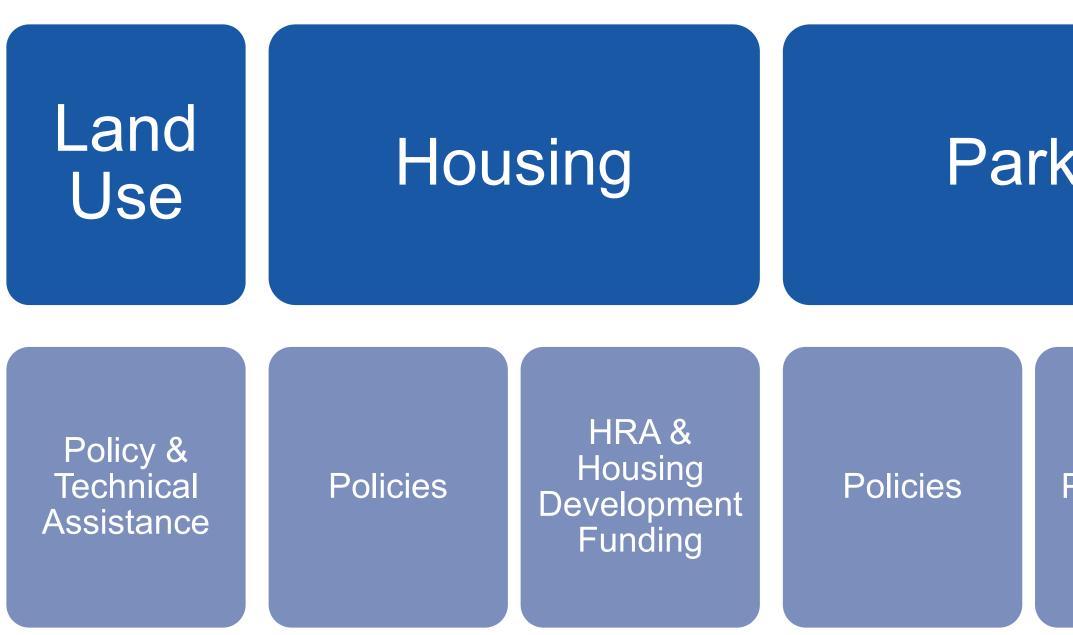
Requires the Council to prepare a comprehensive development guide for the Metropolitan Area that includes system plans for transportation, aviation, regional recreation open space, and wastewater treatment.





# **Regional Planning Authority: Minnesota Statutes, Chapter 473**

### Regional Development Guide



	Transportation		<b>Water</b> 473.146; 473.157; 473.1565	
Regional Park Master Planning	Policies	Transit System	Policies for surface water, water supply, and wastewater	Wastewater System



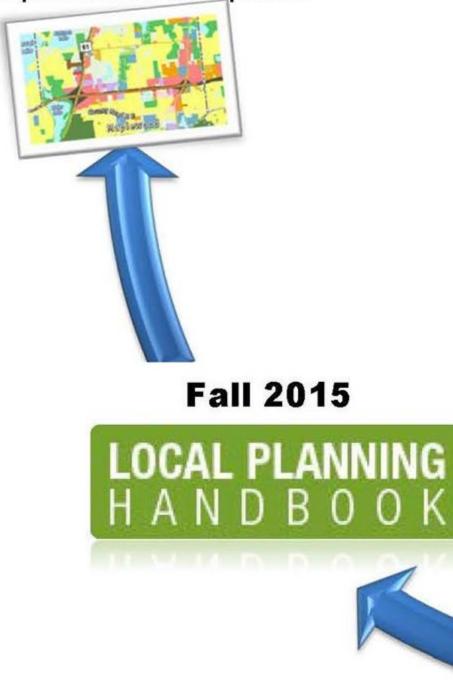
### **Regional 10-Year Planning Cycle**

Local Plan Implementation and Plan Amendments



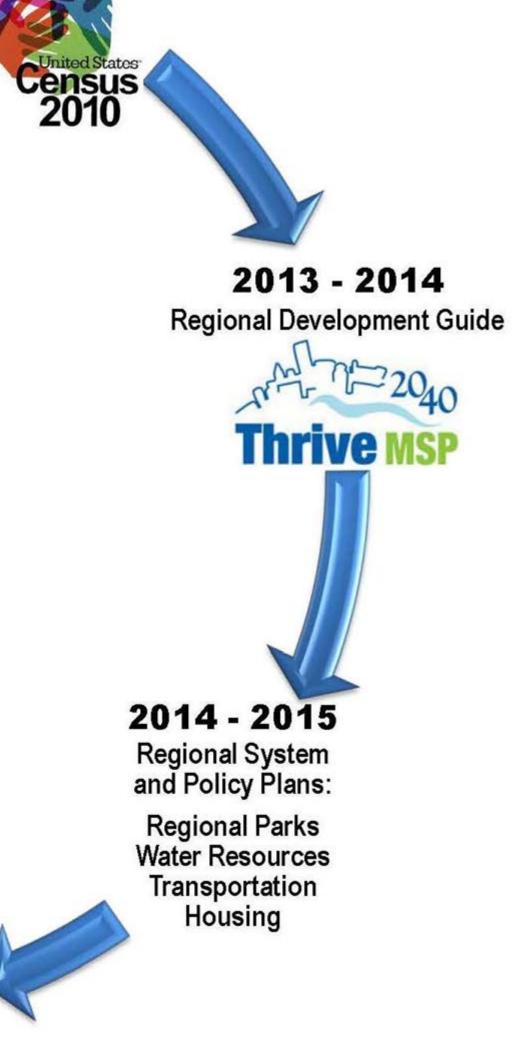


**Comprehensive Plan Updates** 



Fall 2015 System Statements







#### Land Use Policy Setting the Stage

The Twin Citias metropolitan area is a thriving region of interconnected places with a shared future. The Metropolitan Council intends to be a good steward of the region's assets and to capitalize upon them in our efforts feward prosperity, equily, livability, and sustainability. Among those assets are a diversified economy and numerous educational institutions; healthy downtown and suburban businees centers; a vibrant arts and outbral community; abundant open space and natural resources; and a diversity of urban, suburban, and rural communities.

Over the test 40 years, the region has made significant investments in the regional systems of parks and trais, transportation, and watewater collection and treatment that support the built environment we have in place. Today, however, new issues are pressing on our development choices. Because of fiscal, environmental, and political forces at all levels of government, the region is moving from a period of infrastructure expansion to one of maintenance, strategic investments, and getting moreout of what we already have.

As a result of demographic and market changes, investment and intensification is occurring in the urbanized area; and though more slowly than in decodes past, suburban communities on the edge are continuing to till in. More communities are taking on the challenges and opportunities related to reuse, infill, and redevelopment; development along inked-use comidors; and the creation of walkable districts centered on transit.

THRINE MSP 2040

called for a 15% reduction in Minnesota's greenhouse gas emissions by 2015 and a 30% reduction by 2025. As a part of achieving these goals, the region will need to address our transportation and land use patterns. The Council will contribute toward the reduction of regional greenhouse gas emissions by ensuring the orderly and economic development of the region, making investments in transit, and convening regional discussions on the relationship between land use patterns and energy consumption.

The 2007 Next Generation Energy Act

Advancing both the regional vision and local perspective, these land use policies balance both urban and rural qualities in our metropolitan area. By responsibly managing the region's natural and financial resources, these policies support the 77/nive vision of building a prosperous, equitable, and livable region for today and generations to come.



LAND USE FOLICY

### Thrive MSP 2040 Land Use

Therive MSP POLICY PLAN

#### WATER RESOURCES Thrive MSP POLICY PLAN Wastewater System Plan

MASTER WATER

SUPPLY PLAN

#### Existing Facili

Hegional Wastew The Metrop treatment a represent about 80 regional wastewat pump stations, and approximately 5,00 The system treats

from homes, indus (Appendix F) show wastewater treatment about the treatment The Council works

reduce the amoun The Council also a systems, commun wastewater plants other hauled indus through various w

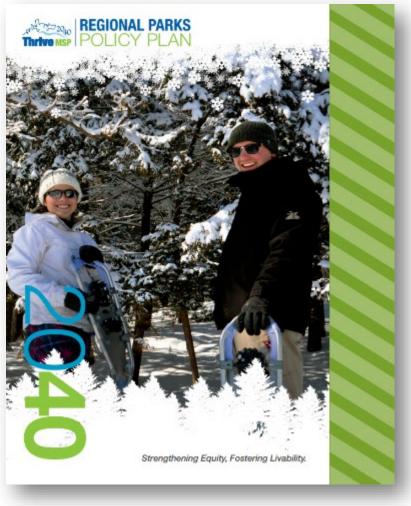
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#### Water Resources Wastewater System Plan

Master Water Supply Plan



#### Housing



#### Parks





1. Working toward sustainability of water resources and water supplies 2. Assessing and protecting regional water sources 3. Promoting water conservation and reuse 4. Investment



### **Thrive Sustainability Direction**

#### "The region's water resources are **Sustainable**,

supported by a regional strategy that balances growth and protection to improve and maintain the quality and quantity of our water in our lakes, rivers, streams, wetlands and groundwater"





# Water Resources Policy Plan (WRPP)



The Council's high-level policy plan for:

- Wastewater
- Water supply
- Surface water



A chapter of the Metropolitan Development Guide

- Introduction
- The Role of the Council in Water Resources
- Thrive MSP 2040
  - Thrive Outcomes
  - Thrive Principles
  - Response of the 2040 WRPP to Thrive's Policy Direction
  - Regional Growth Forecasts
  - Community Designations
  - Local Comprehensive Plans



- An Integrated Strategy for Water Resources
  - Working Toward Sustainability Using the Watershed Management Approach
  - Working Toward Sustainability of Our Water Supplies
  - Assessment of Regional Water Resources
  - Water Conservation and Reuse
  - Planning for Regional Growth
  - Investment
  - Wastewater Services





- Wastewater System Plan
  - **Existing Facilities**
  - Non-Council Wastewater Treatment Plants
  - Long-Term Wastewater Service Area
    - Concept plan
    - Long-term service of existing treatment plants
    - Potential future wastewater treatment plants
  - Capital Improvement Program
    - Wastewater flow projections
    - CIP
  - Environmental Sustainability
  - Wastewater Reuse
  - **Regulatory Scenarios for Wastewater Treatment**
  - System Plan

Substantial Impacts and Substantial Departures from the Metropolitan Wastewater



- Appendices
  - Wastewater (forecasts and flows by community as well as I/I calc info)
  - Priority lakes list
  - System plan requirements
  - Local surface water management plan requirements
  - Local water supply plan elements
  - Summary of all policies and implementation strategies
  - System map



# **2040 Water Resources Policy Plan Policy Areas**

- Provide adequate and high-quality ground and surface water supplies
- Maintain and improve water quality of region's rivers, lakes, streams, and wetlands
- Monitor and assess regional water resources



#### **Promote operational sustainability by:**



**REDUCING ENERGY USE** 



**REDUCING AIR POLLUTANT** EMISSIONS







### **2040 Water Resources Policy Plan Policy Areas**



- Work through current water management structure (watershed approach)
- Assess and protect resources

water resources

#### Maximizing regional costs and benefits

 Balance costs and benefits to protect and restore region's

#### Wastewater Services

- Planning for regional growth
- Focus on water conservation and reuse
- Local I/I Mitigation Plans



# **2040 Water Resources Policy Plan Policy Areas**

### Water supply policy and tie to Master Water Supply Plan



Planning for and supporting sustainable use of water sources



#### **Expanded efforts in all areas** (need to work together to solve the problems of today)



Supporting technical assessments and



Supporting cost-effective investments in multi-community water supply infrastructure



# **Current Long-Term Service Areas**

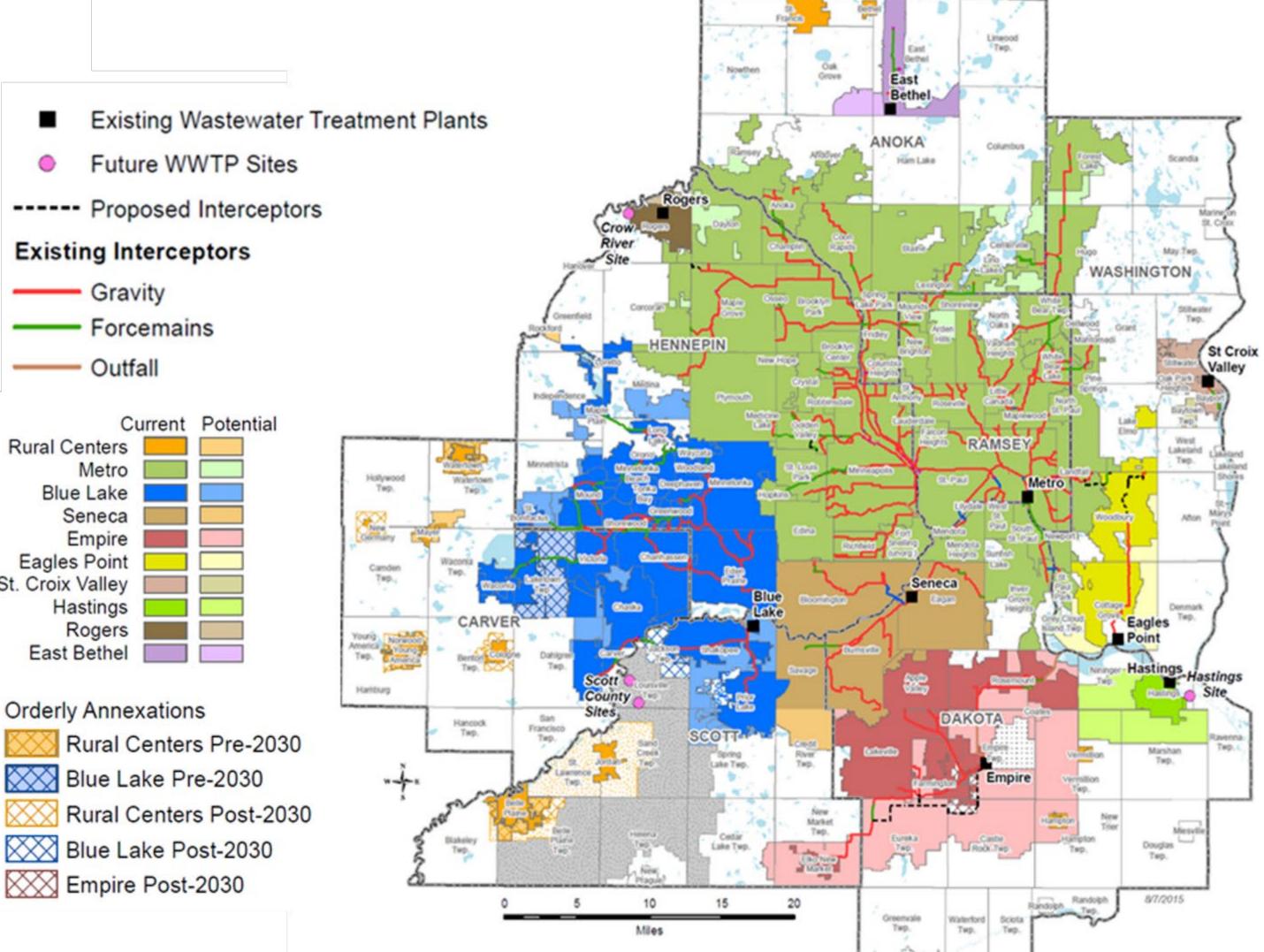
#### WASTEWATER SYSTEM PLAN

- Long-Term Service Area
- System assets overview
- Pre/post 2050 planned capacities
- WWTP acquisitions and regional service extensions
- WWTP & Interceptor reinvestments
- Forecasts and flow projections (Thrive vs. sewered)
- High level regulatory strategies



Rural Centers Eagles Point St. Croix Valley Hastings Rogers East Bethel





# **Regional 10-Year Planning Cycle**

#### Local Plan Implementation and Plan Amendments

2025

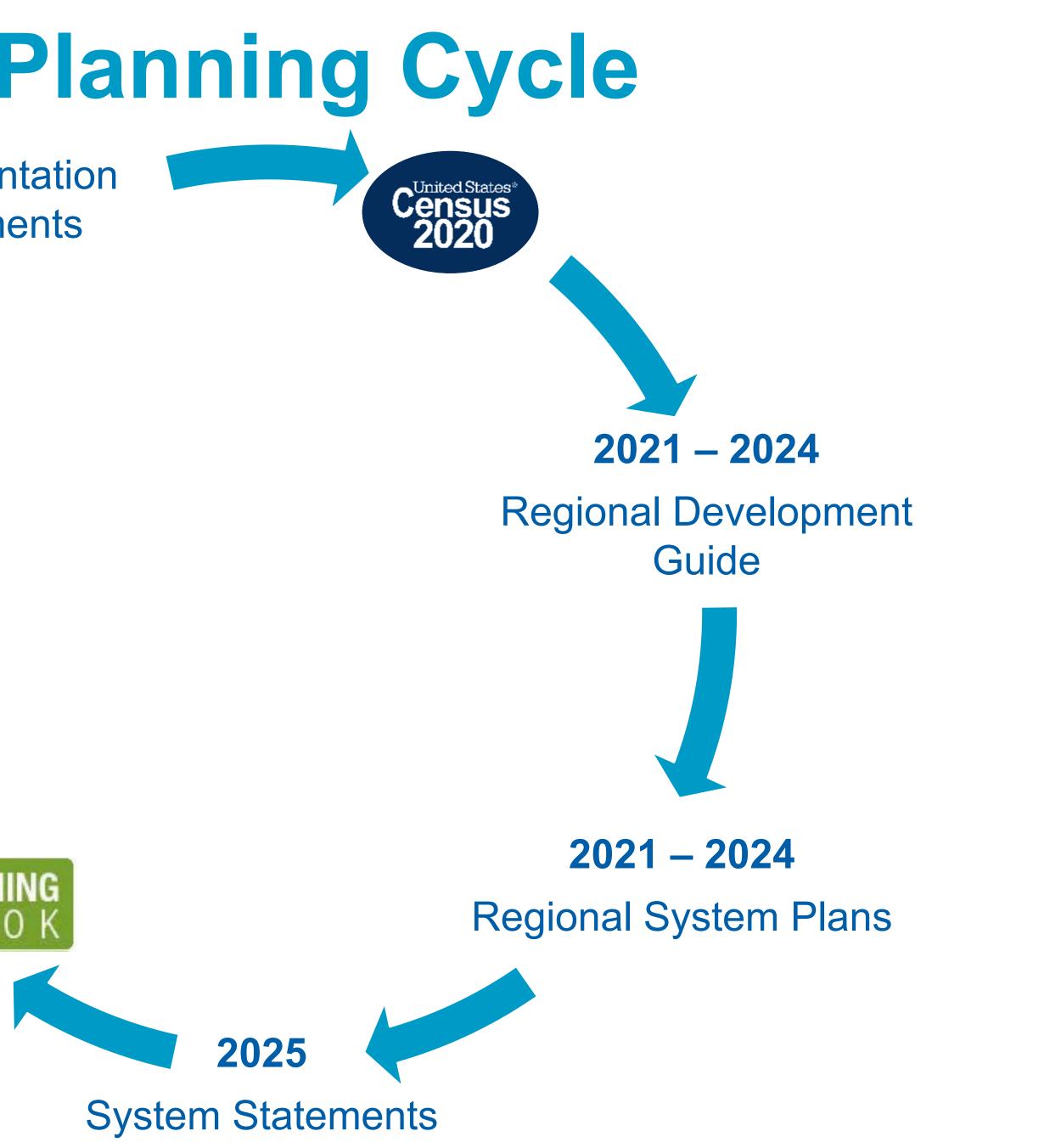
LOCAL PLANNING

NDBO



Comprehensive Plan Updates





# **Preliminary 2050 Water Resources Policy Plan Process and Schedule**

- 2020 2021
- 2021 2022
- 2022 2023
- 2023 2024
  - 2024
  - 2025
  - 2025
  - 2025
  - 2028
- Upfront input on key issues to add to 2050 plan White paper development on issue areas **Revisit key issues with stakeholders Draft WRPP** Public and stakeholder input on draft WRPP **Public hearing** Adopt final plan System statements prepared and sent
- **Comprehensive plan updates due from communities and counties**

(Council Members, stakeholders, customers, and partners)





### Draft Work Plan

Jen Kostrzewski, Water Resources Environmental Analyst







### Background

- The purpose of the 2050 Water Resources Policy the new 2050 Water Resources Policy Plan.
- \*We will be flexible to accommodate uncertainties if they arise.

Plan Update Advisory Group (Advisory Group) is to advise and guide Council staff throughout the entire process of developing

 The work plan will be shaped by the Advisory Group Sponsors, Leaders, Members and Council Staff, will guide the Advisory Group's business and meeting agendas throughout 2021-2025.

### Goal

- This work plan outlines the Advisory Group's work in assisting and advising the 2050 Water Resources Policy Plan content development from various water sector perspectives.
- Advisory meetings are intended to share information between of developing informed, implementable policies.

policymakers and subject matter experts with the ultimate goal

# **Roles & Responsibilities Sponsors** – Jeannine Clancy and Sam Paske

- Ensure the strategic alignment of the Advisory Group efforts with MCES and the Council's mission, vision, values.
- Provide approval authorizations as needed.

# Guide and support the Advisory Group Leaders & Council Staff

# **Roles & Responsibilities Group Leaders** – Judy Sventek, Kyle Colvin, Ali Elhassan

- Facilitate discussion on policy goals/outcomes,
- Approve work plan and lead meetings to achieve outcomes.
- Encourage member participation.

# **Roles & Responsibilities Council Staff** – Jen Kostrzewski, Tessa Wegenke, others as needed

- Design, support, and facilitate meetings. Implement relevant Advisory Group recommendations and share
- information as requested.
- Send materials a week in advance.
- Design meetings in ways to allow contribution in multiple ways in order to accommodate different communication/learning styles.

# **Roles & Responsibilities**

#### **Advisory Members**

- Review materials that are sent out beforehand.
- Participate in the meeting share ideas, experience, and knowledge with intended audience.
- Share guidance and information with fellow members and Council staff. Guidance and direction will be incorporated into draft white papers, policy and implementation strategies and reports as appropriate.

### **Meeting Schedules & Topics**

**October 4, 2021 – Kickoff Meeting November 2021 – Draft New Water Resources Policy Plan Issues** 

January 2022 – Data & Outreach Supporting Planning Efforts May 2022 – Water Resources Policy Plan Issue Outreach Results





August 2022 October 2022 January 2023 September 2023 May 2024 October 2024 February 2025

#### **Setting Meeting Frequency**

- 2-3 meetings per year
- Other options?

### Open to having more meetings if necessary (no more than 5/yr)

#### **Setting Meeting Dates – which would you prefer**

- Doodle Poll for each meeting
- Set reoccurring meeting interval Ex. 3<sup>rd</sup> Tuesday, every 3 months
- Other option?

### **Allowing Alternate Meeting Attendees**

- Yes, I will designate an alternate attendee if I can't make the meeting
- anything
- Other option?

#### No, I will review the minutes and slides and reach out if I missed

#### **Meeting Minutes**

- A comprehensive summary of what happened at the meeting
- A high-level summary and action items of each agenda item, without specifics
- A list of the action items that came out of the agenda items
- Other options?

#### Virtual vs. In Person Meetings

The Council has committed to virtual meetings through October 2021 (depending on Covid 19 response)

- All virtual meetings
- Switch to in person as soon as we can
- Decide before each meeting
- Hybrid meetings
- Other options?

# **Group Guidelines: We Need Your Input Communications and Sharing Documents**

- Use the WRPP Water Advisory Group Teams Interface
- Use Teams and emails
- Use emails only
- Other options?

# Next Meeting Topic Preview & Next Steps

Kyle Colvin, Wastewater Planning and Community Programs Manager







### **Potential New Policy Areas**



#### **Rural Concerns**

- Cost of service for wastewater in rural areas
- Wastewater treatment in rural areas
- Sub-surface sewage treatment system (SSTS)
- Implications for private wells in rural areas
- Land use policies in rural area

#### Wastewater System issues

- Reconveyance Policy
- Private inflow and infiltration (I/I)
- Vactor waste and liquid waste receiving

### **Potential New Policy Areas**

- Contaminants of Concern
  - Chloride
  - PFAS
  - Nitrates
  - Others
- Source Water Protection and Vulnerable Areas



- Water Quality
  - Drinking water
  - Aquatic life
  - Water use for recreation
  - Others



Water Availability / Water Use / Water Access

### **Next Steps**

#### **Council Staff**

- Will write up the Advisory Group Guidance and add it to the work plan
- Will send out a meeting poll and/or meeting invite for next meeting
- Will send out materials before next meeting for Members to review

#### **Members**

- Try to access the Microsoft Teams site to access documents
- Review materials before next meeting
- Think about the "new" Water Issues that should be investigated for the 2050 Water Resources Policy Plan



### Contacts

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> Jen Kostrzewski Environmental Planning Analyst Jen.Kostrzewski@metc.state.mn.us 651-602-1078

