Information Item: 
2050 Water Resources Policy Plan Update

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Kyle Colvin, Wastewater Planning and Community Programs Manager

Environment Committee: June 8, 2021
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

<table>
<thead>
<tr>
<th>Regional Development Guide</th>
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<tbody>
<tr>
<td>Land Use</td>
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<tr>
<td>Housing</td>
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<tr>
<td>Parks</td>
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<tr>
<td>Transportation</td>
</tr>
<tr>
<td>Water</td>
</tr>
<tr>
<td>473.146; 473.157; 473.1565</td>
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<tr>
<td>Policies for surface water, water supply, and wastewater</td>
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<tr>
<td>Wastewater System</td>
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</tbody>
</table>

- Land Use: Policy & Technical Assistance, Policies
- Housing: HRA & Housing Development Funding, Policies
- Parks: Regional Park Master Planning, Policies
- Transportation: Policies, Transit System
- Water: Policies

Regional Planning Authority: Minnesota Statutes, Chapter 473
Regional 10-Year Planning Cycle

- December 31, 2018: Comprehensive Plan Updates
- Fall 2015: Local Planning Handbook
- Fall 2015: System Statements
- 2013 - 2014: Regional Development Guide
- 2014 - 2015: Regional System and Policy Plans:
  - Regional Parks
  - Water Resources
  - Transportation
  - Housing
- 2040: Thrive MSP
- Census 2010
Thrive MSP 2040 Regional Outcomes

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”
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
- REDUCING, REUSING, AND
  RECYCLING
## 2040 Water Resources Policy Plan Policy Areas

<table>
<thead>
<tr>
<th>Surface water planning and management</th>
<th>Maximizing regional costs and benefits</th>
<th>Wastewater Services</th>
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</thead>
<tbody>
<tr>
<td>• Work through current water management structure (watershed approach)</td>
<td>• Balance costs and benefits to protect and restore region’s water resources</td>
<td>• Planning for regional growth</td>
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<tr>
<td>• Assess and protect resources</td>
<td></td>
<td>• Focus on water conservation and reuse</td>
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<td></td>
<td></td>
<td>• Local Inflow and Infiltration Mitigation Plans</td>
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</tbody>
</table>
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
- Supporting technical assessments and planning
- Supporting cost-effective investments in multi-community water supply infrastructure

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

- Greater collaboration
- Financial support
- Technical support
Regional 10-Year Planning Cycle

- Local Plan Implementation and Plan Amendments
- December 31, 2028
- Comprehensive Plan Updates
- 2021 – 2024
- Regional Development Guide
- 2025
- System Statements
- Regional System Plans
- 2025
- Local Planning Handbook
Water Resources Policy Plan (WRPP)

A chapter of the Metropolitan Development Guide

The Council’s high-level policy plan for:
- Wastewater
- Water supply
- Surface water

The Wastewater System Plan
Current Long-Term Service Areas

WASTEWATER SYSTEM PLAN

• Long-Term Service Area
• System assets overview
• Pre/post 2050 planned capacities
• Wastewater treatment plant acquisitions and regional service extensions
• Wastewater treatment plant & Interceptor reinvestments
• Forecasts and flow projections (Thrive versus sewered)
• High level regulatory strategies
Potential New Policy Areas

**Land Use and Rural Policy**
- 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
- Vactor waste and liquid waste receiving
Potential New Policy Areas

- Contaminants of Emerging 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
<table>
<thead>
<tr>
<th>Time Period</th>
<th>Action Description</th>
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<tbody>
<tr>
<td>Today – 2021</td>
<td>Input on new issues from customers and stakeholders</td>
</tr>
<tr>
<td>2022</td>
<td>Develop issues papers to support new policy</td>
</tr>
<tr>
<td>2022 – 2023</td>
<td>Second round of input issues papers</td>
</tr>
<tr>
<td>2023 – 2024</td>
<td>Share draft policies and strategies and receive input</td>
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<tr>
<td>2024</td>
<td>Draft plan</td>
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<tr>
<td>Early 2025</td>
<td>Formal public review process on draft plan</td>
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<tr>
<td>Mid Year 2025</td>
<td>Adopt new Water Resources Policy Plan</td>
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</tbody>
</table>
Your Input on New Policy Areas

• Questions about the process?
• Thoughts on the proposed process and schedule we just discussed?
• Input on the proposed issue areas we just discussed?
• What issues are we missing from your perspective?
• Who all do we need to make sure to ask?
• Anything else to discuss today?
Questions

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