



Information Item: Update on Metro Area Water Supply Plan Implementation



Joint Meeting of the Metro Area Water Supply & Technical Advisory Committees
December 10, 2025 | Jennifer Kostrzewski

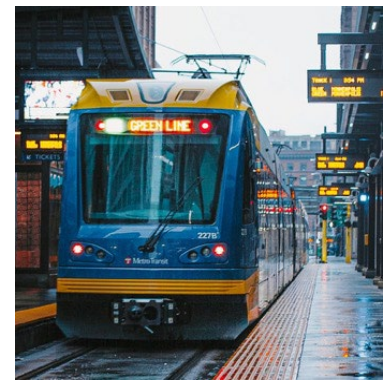
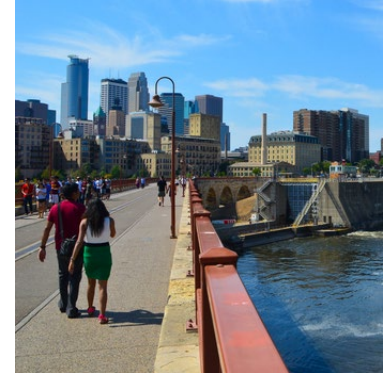
Subregional
engagement is
underway



Who participated?

Over 120 people attended the subregional kickoffs

- 6 meetings of the 7 subregions (E/NE combined)
- 47 cities and townships (land use, water resources, water supply, public works)
- 14 watershed management organizations
- 4 Soil and Water Conservation Districts
- 3 agencies
- 1 tribal government



What was shared?



Overarching themes for the region

- Affordable, accessible clean water is a concern
 - Supply, recreation, cultural
- Infrastructure needs
 - Maintenance, retrofitting for new pollutants, intermunicipal connections
- Desire for more education, lack of understanding of needs to deliver services
- Desire for collaboration
- Water supply, stormwater, wastewater systems are seen as most resilient to climate change impacts

Next steps

Regional Workshop for Integrated Water Planning

January 7, 2026

New Brighton Community Center

Subregion development and meetings

- Co-leads meeting with Core Teams
- Recap of kick off meetings
- Future meeting schedule and annual work plan

**Resources have
been committed**



Existing contracts to support work in 2026

These contracts support previously identified, specific work

- Contracts for engineering analysis extends through May 1, 2026
- Contract with University of Minnesota for irrigation research through December 31, 2027
- Contract with the University of Minnesota Technical Assistance Program (MnTAP) to continue supporting water efficiency audits and recommendations in businesses and facilities through December 31, 2027
- Contracts to support White Bear Lake Area Comprehensive Plan through June 30, 2027

New contracts to support priority work identified by partners and stakeholders

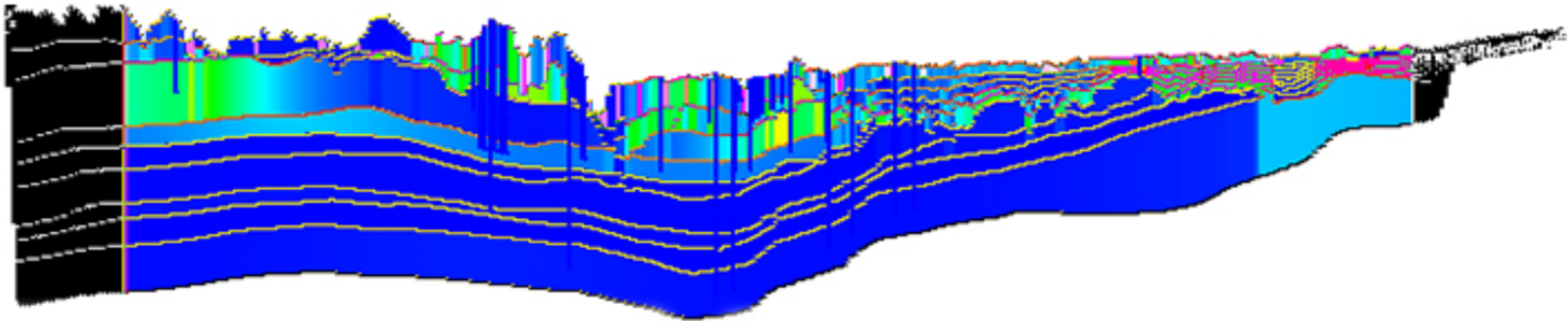
New contracts have been awarded to support the Met Council's Water Sustainability program, pending execution for total amount not to exceed \$4 million.

**Some projects
have been
started**



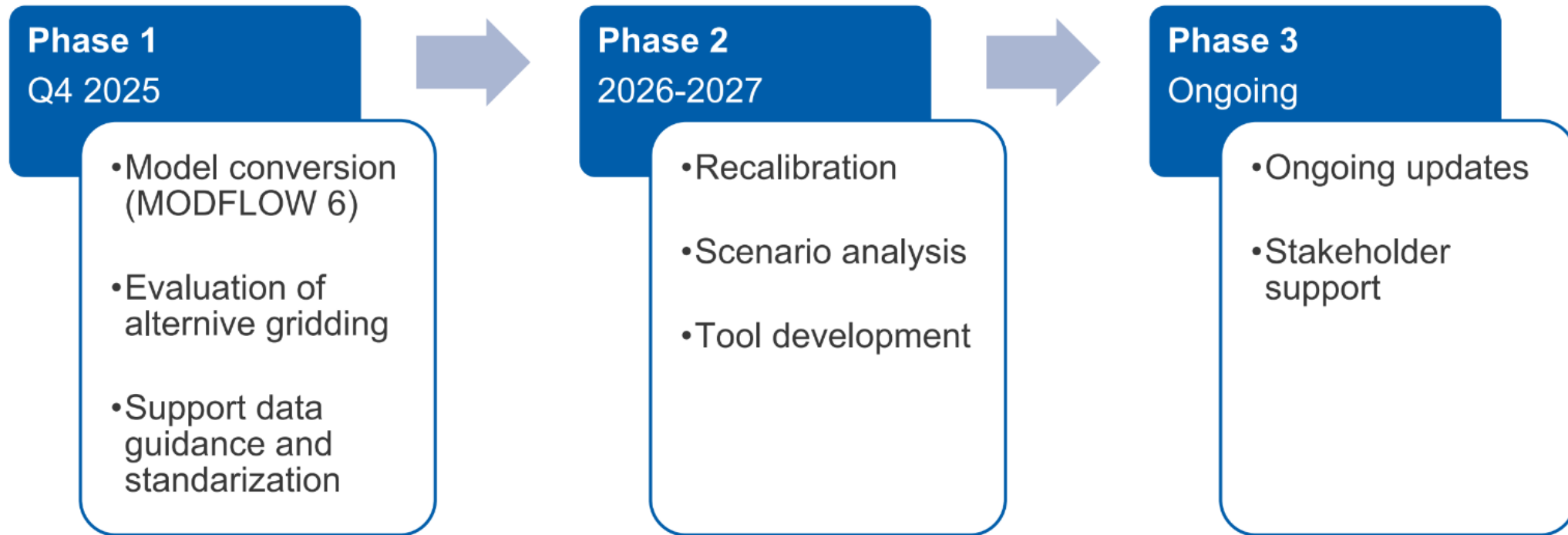
Metro Model

Regional Groundwater Flow Model for the Twin Cities Area



Groundwater is a vital resource that supports our drinking water, ecosystems, and local economies. The Metro Model is a computer program that uses decades of data and cutting-edge science to simulate how groundwater moves, responds to climate and pumping, and interacts with surface water. It's a key tool for sustainable water planning—helping agencies, planners, and communities make informed decisions today that protect water for tomorrow.

High-level schedule

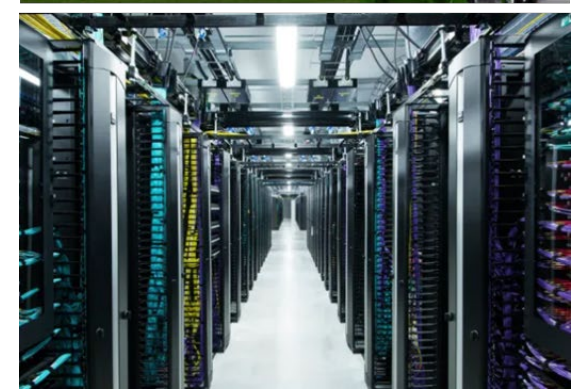


Phase 1 is supported through a current contract with Barr Engineering and Young Environmental Consultants, funding by Clean Water Fund.

Large volume water users research paper

Planning for Groundwater-Intensive Developments in the Metro Area

- **Contract:** EOR (Freshwater, Dunham Associates)
- **Deliverables:**
 - Report
 - Executive Summary
 - Factsheet for local planners
- **Timeline:** End of year 2025, will finalize in early 2026
- **Funding:** Clean Water Fund



Additional projects prioritized by MAWSAC and TAC for 2025-2027 are also being scoped

Municipal Drinking Water
Infrastructure Needs

Groundwater Elevations
Database Coordination
with the DNR

Water and Wastewater
Reuse Potential

Regional Assessment of
Aging Infrastructure

Regional Groundwater
Model Update

Groundwater-Surface
Water Interaction Effects
and Impacts

Potential Groundwater
Impacts from Future
Large Users

Historical Water Use
Database

Long-Term Analysis:
Groundwater Capacity,
Resource Limitation,
Vulnerability, and Growth

Long-Term Effects of
Climate Change on Water
Supplies

Local Planning Handbook
Content Regarding Water
Supply

Guidance for Funding
Opportunities to Support
Local Plan
Implementation

PlanIt Programming
Regarding Water Supply



Thank You

Jen Kostrzewski

Assistant Manager, Water Policy and Planning

Jennifer.Kostrzewski@metc.state.mn.us

651-602-1078

Steve Christopher

Environmental Analyst, Water Policy and Planning

Steve.Christopher@metc.state.mn.us

651-602-1033

Lanya Ross

Environmental Analyst, Water Policy and Planning

Lanya.Ross@metc.state.mn.us

651-602-1803

Greg Johnson

Principal Engineer, Water Policy and Planning

Greg.Johnson@metc.state.mn.us

651-602-1016

