

# How to Navigate the Master Water Supply Plan

The Master Water Supply Plan provides a broad base of information about the region's water supplies.

The following are some frequently asked questions and where answers may be found in the plan:

<b>Why does the Council do water supply planning? Why does this plan exist?</b>	Chapter 1
<b>Are there regional goals or targets for the region's water supply?</b>	Chapter 2
<b>What does sustainable water supply in the region look like? What is the vision?</b>	Chapter 2
<b>How is water used in the region? How will water use change in the future?</b>	Chapter 3
<b>What role does water conservation play?</b>	Chapter 3
<b>What are the main water sources in the region? What are their limitations?</b>	Chapter 4
<b>What are some key water supply quantity and quality issues in the region?</b>	Chapter 5
<b>How does the plan address climate and economic variability? Model uncertainty?</b>	Chapter 5
<b>How will progress toward sustainability be tracked, progress measured?</b>	Chapter 6
<b>How can I and my partners improve sustainability? How can the Council support this?</b>	Chapter 7
<b>What will the Council do to support sustainable water supply management?</b>	Chapter 7
<b>What water supply roles and responsibilities do agencies and communities have?</b>	Chapter 8
<b>How does DNR support this plan?</b>	Chapter 8
<b>What technical and policy information supports this master water supply plan?</b>	Annotated Bibliography
<b>How is water used in my community? In my county? In my watershed?</b>	Appendix 1
<b>What water supply issues should my community plan for?</b>	Appendix 1
<b>How was future water demand projected?</b>	Appendix 2
<b>How was the regional groundwater flow model, Metro Model 3, used in this plan?</b>	Appendices 3 & 4

# How to Use the Water Supply Profiles

The Water Supply Profiles (Appendix 1 of the Master Water Supply Plan) summarize water use, sources, and potential issues for each community, county and watershed in the seven-county Twin Cities metropolitan area.

The profiles provide a useful starting place for local planning and can be used in several ways, including:

## **To inform community water conservation programs by helping to target large water use categories**

Water use varies among communities. In some communities, the largest water use is for municipal demand. In others, the largest water use is by agriculture. The water supply profiles highlight what the largest water uses are, so that programs to promote conservation and water efficiency can be effectively targeted.

## **To complete local water supply plans in a way that considers Metropolitan Council policy**

The water supply profiles can be used to complete the local water supply plan.

- Information from the section of the water supply profile below the heading “*The following should be addressed as water plans are updated*” can be used to complete Part 1-E and Part 4-B in the local water supply plan template.
- Information from the section of the water supply profile below the heading “*The following actions are recommended*” can be used to complete Part 1-E, Part 4-C and Part 4-D in the local water supply plan template.
- Information from the section of the water supply profile below the headings “*Average annual water use by permitted users...*” and “*Municipal Water Use*” can be used to complete Part 3 and Part 4-D of the local water supply plan template.
- Information from the section of the water supply profile below the heading “*Projected water use*” can be used to complete Part 4-A of the local water supply plan template. NOTE: The community does not need to use these demand projections, but the total population values should be consistent with the community’s system statement.

## **To inform water supply-related permit applications and environmental review documents**

The information summarized in the water supply profile is the type of information commonly requested for environmental review documents and water supply-related permits. The profiles can be useful in the preparation and review of these documents.

## **To provide a subregional picture of water supply-related issues in an area, such as a county or watershed**

Watersheds and counties, for example, may find it useful to review the water supply profiles when developing programs to protect groundwater. Subregional work groups also may find the water supply profiles useful when discussing water supply issues and approaches that are bigger than any single community.