

SUMMARY OF CHANGES MADE TO THE SEPTEMBER 8, 2006 DRAFT WATER SUPPLY PLANNING IN THE TWIN CITIE METROPOLITAN AREA – Report to the 2007 Minnesota State Legislature

Executive Summary (pages 3-5)

- General editing and reorganization of section to improve clarity and remove extraneous material
- Under Water Demand and Availability: Changed next step **from** *Evaluate resource limitations and adequacy and sustainability of water resources* **to** *Improve understanding of water supply sustainability* (page 4)
- Moved the following next step from the water supply regulatory process section to the water demand and availability section: *Examine water supply alternatives in areas where resource limitations are identified* (page 4)
- Under Water Supply Regulatory Process: Changed next step **from** *Work with the DNR and MDH, develop a single application system for multi-agency water supply system/water appropriation approvals* **to** *Work with the DNR and MDH to develop a process for multi-agency water supply system/water appropriation approvals.* (page 4)
- Rewrite of recommendation 2: *Support state funding for interconnections and other physical water system back ups to ensure the reliability, safety and security, including economic security, of the region and state. Consistent with this recommendation, support an appropriate level of state funding for the proposed Minneapolis and St. Paul water supply systems interconnection.* (page 5)
- Removed the following “next step”: *Support sub-regional and regional back ups and interconnections.* (page 5)
- Under Institutional Arrangements and Funding, added: *There was general agreement among stakeholders, the Advisory Committee and the Council that an ongoing funding source will be necessary to make the current long-term water supply planning effort effective.* (page 5)

Chapter 1: Introduction (pages 6-7)

- General editing

Chapter 2: Stakeholder Workshops (pages 8)

- General editing

Chapter 3: Metropolitan Area Master Water Supply Plan (pages 9-11)

- Chapter added to the report to provide a general description of how the master plan will be developed and how it will fit into the water supply planning framework.
- Expressed the need for long-term commitment (page 9)
- Added flow chart (page 11)

Chapter 4: Water Demand and Availability (pages 12-24)

- General editing and reorganization of chapter to improve clarity.
- Headings changed to:
 - Surface water availability analysis (page 17)
 - Groundwater availability analysis (page 18)
 - Integrating demand and availability (page 21)
- Added information describing what happens during Mississippi River low flow events and the current state drought response plan (pages 17-18)

- Information added about how contamination events will affect water supply from the Mississippi. (page 18)
- Updated Figure 8: Surface Water Under the Influence of Groundwater (page 20)
 - Trout Streams are a new color
- Updated Figure 9: Projected Adequacy of Local Supply 2050 (page 22)
 - Map now expresses 2050 information rather than 2030
 - Those communities that use surface water are highlighted as a different colors on the map and note was added to figure and text describing uncertainty of supply.
- Changed next step **from** *Evaluate resource limitations and adequacy and sustainability of water resources* **to** *Improve understanding of water supply sustainability* (page 23)
- Under the *Improve understanding of water supply sustainability* next step
 - Changed: *Refine the estimate of sustainable withdrawal from the Mississippi River for municipal water during low river flow conditions* **to** *Clarify the issues surrounding releases from the Mississippi Headwaters Reservoirs during low flow periods* (page 23)
 - Added: *Work with the DNR and other agencies to review and update the state drought response plan* (page 23)
- Moved the following next step from the water supply regulatory process section to the water demand and availability section: *Examine water supply alternatives in areas where resource limitations are identified.* (page 24)

Chapter 5: Water Supply Regulatory Process (pages 25-32)

- General editing and reorganization of chapter to improve clarity.
- Edited the flow chart representing the existing water supply planning and well approval process to improve clarity and accuracy. (page 27)
- Changed wording **from** *regulatory process* **to** *decision-making and approval process* to better reflect the actual language of M.S. 473.1565, subd. 4, which refers to "streamlining and consolidating metropolitan area water supply decision-making and approval processes"
 - Example: Changed heading 5.2 **from** *Regulatory Process Issues* **to** *Approval Process issues* (page 28)
- Information about conservation was removed from the general text and placed in a blue box (page 29)
- Added a flow chart to describe the proposed water supply planning and well approval process. (page 31)
- Changed next step **from** *Work with the DNR and MDH, develop a single application system for multi-agency water supply system/water appropriation approvals* **to** *Work with the DNR and MDH to develop a process for multi-agency water supply system/water appropriation approvals.* (page 32)

Chapter 6: Safety, Security and Reliability (pages 33-37)

- General editing
- Added a description of the Safe Drinking Water Act (page 33)
- Added information about WARN (page 34)
- Rewrite of Recommendation #2: *Support state funding for interconnections and other physical water system back ups to ensure the reliability, safety and security, including economic security, of the region and state. Consistent with this recommendation, support an appropriate level of state funding for the proposed Minneapolis and St. Paul water supply systems interconnection.* (page 37)

Chapter 7: Institutional Arrangements and Funding (pages 38-39)

- General editing
- Added general support for ongoing funding for analysis (page 39)

Chapter 8: Summary, Next Steps and Recommendations (pages 40-41)

- General editing
- Changes to the next steps and recommendations so they match the changes made throughout the report

Acronyms

Added table of acronyms used in the report (page 42)