



Please note the meeting will be held in the County Board Room at the Carver County Government Center, 600 East 4th Street, Chaska, MN.

# LOWER MINNESOTA RIVER WATERSHED DISTRICT

## Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting  
Wednesday, October 24, 2018

### Agenda Item

#### Item 6. B. - Watershed Management Plan

### Prepared By

Linda Loomis, Administrator

### Summary

The Board of Water & Soil Resource approved the LMRWD Comprehensive Watershed Management Plan. The LMRWD has 120 days to adopt the approved plan. Resolution 18-14 is attached adopting the approved plan.

Resolution 18-14 also directs for the distribution of the Plan to all stakeholders.

### Attachments

Letter from BWSR dated September 26, 2018

BWSR Order approving Watershed Management Plan

Resolution 18-14 Adopting Updated Watershed Management Plan

### Recommended Action

Motion to Adopt Resolution 18-14.

September 26, 2018

Lower Minnesota River Watershed District  
C/o Linda Loomis, Administrator  
112 E. 5th Street, #102  
Chaska, Minnesota 55318

Dear Chair and Managers:

I am pleased to inform you that the Minnesota Board of Water and Soil Resources (Board) has approved the Lower Minnesota River Watershed District (LMRWD) revised Watershed Management Plan (Plan) at its regular meeting held on September 26, 2018. For your records, I have enclosed a copy of the signed Board Order that documents approval of the Plan. Please be advised that the LMRWD must adopt and implement the Plan within 120 days of the date of the Order, in accordance with MN Statutes 103B.231, Subd. 10.

The managers, staff, consultants, advisory committee members, and all others involved in the planning process are to be commended for developing a plan that clearly presents water management goals, actions, and priorities of the watershed. With continued implementation of your Plan, the protection and management of the water resources within the watershed will be greatly enhanced to the benefit of the residents. The Board looks forward to working with you as you implement this Plan and document its outcomes.

Please contact Steve Christopher of our staff at 651-249-7519, or at the central office address for further assistance in this matter.

Sincerely,



Gerald Van Amburg  
Chair

Enclosure

cc's on next page

Cc: Jeanne Daniels, DNR (via email)  
Kate Drewry, DNR (via email)  
Karen Voz, MDH (via email)  
Jeff Berg, MDA (via email)  
Judy Sventek, Met Council (via email)  
Beth Neuendorf, MN DOT (via email)  
Kevin Bigalke, BWSR (via email)  
Steve Christopher, BWSR (via email)  
File Copy

**Minnesota Board of Water and Soil Resources**

520 Lafayette Road North  
Saint Paul, Minnesota 55155

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**In the Matter** of the review of the Watershed  
Management Plan for the Lower Minnesota River  
Watershed District, pursuant to Minnesota  
Statutes Section 103B.231, Subdivision 9.

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**ORDER  
APPROVING  
A WATERSHED  
MANAGEMENT PLAN**

**Whereas**, the Board of Managers of the Lower Minnesota River Watershed District (LMRWD) submitted a Watershed Management Plan (Plan) dated June 2018 to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 9, and;

**Whereas**, the Board has completed its review of the Plan;

**Now Therefore**, the Board hereby makes the following Findings of Fact, Conclusions and Order:

**FINDINGS OF FACT**

1. **LMRWD Establishment.** The Lower Minnesota River Watershed District (District) was originally petitioned for establishment in 1957 but was challenged and defeated in the courts. The District was later re-petitioned by the five counties of Carver, Dakota, Hennepin, Ramsey, and Scott and was established on March 23, 1960, by order of the Minnesota Water Resources Board under the authority of the Minnesota Watershed Act (Minnesota Statutes, Chapter 112). The District's original charter specified that it serve as the local sponsor to the U.S. Army Corps of Engineers for assisting in the maintenance of the Minnesota River nine-foot navigation channel. The first water resources management plan for the District was prepared and adopted in 1961. The second plan was then revised in accordance with the Metropolitan Surface Water Management Act of 1982 (Minnesota Statutes, Chapter 103B), and approved by the Board of Water and Soil Resources in September 1999. The most recent plan was approved in 2011 and amended in 2015.
2. **Authority of Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.
3. **Nature of the Watershed.** The District is approximately 80 square miles in size and located in the five counties of Carver, Dakota, Hennepin, Ramsey, and Scott, which includes the bluffs on either side of the Minnesota River from Ft. Snelling at the confluence of the Minnesota and Mississippi Rivers, 32 miles upstream to the city of Carver. The land use in the watershed consists of a mix of single family residential, commercial, industrial, and agriculture. A large component in the central portion of this linear watershed is within the 100-year floodplain and the Minnesota Valley National Wildlife Refuge. Much of the MSP airport property is also located in the District. Development pressure within the watershed is projected to slightly increase in the municipalities south of the river through the life of this Plan. Water resources in the District include floodplain lakes, quarry lakes, creeks and streams including trout streams, springs, calcareous fens, and other wetlands. However, the headwaters to most of those resources originate outside of the District boundary. The following municipalities lie partially within the District: Bloomington, Burnsville, Carver, Chanhassen, Chaska, Chaska Township, Eagan, Eden Prairie, Lilydale, Jackson Township, Louisville

Township, Mendota, Mendota Heights, Savage, and Shakopee. The District is bound by four watersheds to the south: Prior Lake Spring Lake WD, Scott WMO, Black Dog WMO, and Gun Club WMO, and six watersheds to the north: Carver County WMO, Riley Purgatory Bluff Creek WD, Nine Mile Creek WD, Minnehaha Creek WD, Richfield Bloomington WMO, and Capitol Region WD.

4. **Plan Development and Review.** The District initiated the planning process for the 2018-2027 Plan in January of 2017. As required by MR 8410, a specific process was followed to identify and assess priority issues. Stakeholders were identified, notices were sent to municipal, regional, and state agencies to solicit input for the upcoming Plan. The District held four workshops in early 2017 covering the areas of major revision for the new Plan. Following the workshops, District staff met with each municipality for additional specific input on the proposed standards and to identify projects that they could co-sponsor.

The Plan was submitted for formal 60-day review on July 10, 2017. The District received comments on the draft Plan and responded to Plan reviewers' comments in writing. A public hearing was held on October 25, 2017. Due to the volume and content of the comments, the District decided to delay moving forward with the 90-day draft and provide additional time to meet with stakeholders. The District held four additional stakeholders meetings jointly with member cities and concluded the public hearing on April 18, 2018. Modifications to the draft Plan were made and the final draft Plan with all required materials were submitted and officially received by the Board on July 2, 2018.

5. **Local Review.** The District distributed copies of the draft Plan to local units of government for their review pursuant to Minnesota Statutes Section 103B132, Subd. 7. Local written comments and edits were received from City of Bloomington, Bloomington Sustainability Commission, City of Burnsville, City of Carver, City of Chaska, City of Eden Prairie, City of Savage, City of Shakopee, Scott County, Upper Mississippi Waterway Association, Lotus Lake Conservation Alliance, Mitchell Lake Association, the United States Fish and Wildlife Service, and several citizens. The District responded to all comments.
6. **Metropolitan Council Review.** During the 60-day review, the Council noted concerns about the proposed standards, specifically on the Bluff and Steep Slope standards and suggested consistency of language with DNR. The District thanked the Council for its comments and made changes to the final draft.
7. **Department of Agriculture (MDA) Review.** MDA stated that they had no comments during the 60-day or 90-day final review periods.
8. **Department of Health (MDH) Review.** No comments were received during the 60-day or 90-day final review period.
9. **Department of Natural Resources (DNR) Review.** The DNR had numerous comments regarding the proposed standards including groundwater regulation and the new Bluff and Steep Slopes standard. The DNR also offered assistance on a number of initiatives included in the Plan. The District adequately responded to the comments and thanked the DNR for its cooperation.
10. **Pollution Control Agency (PCA) Review.** PCA participated in TAC meetings and provided feedback throughout the plan development process. During the 60-day review, PCA stated it had no additional comments.
11. **Department of Transportation (DOT) Review.** The DOT commented regarding the proposed standards. The District adequately addressed the comments.
12. **Board Review.** Board staff commended the District on a Plan and its increased role in water management since the most recent Plan adoption. Board staff also requested clarification/improved reporting for outcomes. District staff adequately responded to all comments.

13. **Plan Summary.** The Plan update focuses on several sections of the 2011 Plan rather than a full re-write. The sections amended are as follows:

- Section 3, Goals, Policies and Management Strategies
- Section 4, Implementation Program, which includes the District's Capital Improvement Program
- Adding a new Appendix K, LMRWD Draft Standards
- Other Sections of the plan have been revised to bring the Plan up to date

The new Draft standards is the most significant revision to the Plan specifically the Steep Slopes Standard and Water Appropriations Standard. Both of these will address the High Value Resource Areas (HRVA). The HRVA has been identified by the District as portions of land or a watershed that contribute runoff to a trout water and/or fen.

The Plan maintains the following nine goals:

1. Organizational Management – To manage the different and changing roles of the District
2. Surface Water Management – To protect, preserve, and restore surface water quality
3. Groundwater Management – To protect and promote groundwater quantity and quality
4. Unique Natural Resources Management – To protect and manage unique resources
5. Wetland Management – To protect and preserve wetlands
6. Floodplain and Flood Management - To manage floodplains and mitigate flooding
7. Erosion and Sediment Control – To manage erosion and control sediment discharge
8. Commercial and Recreational Navigation – To maintain and improve the Lower Minnesota River's navigation and recreational use
9. Public Education and Outreach - To increase public participation and awareness of the Minnesota River and its unique natural resources

14. **Central Region Committee Meeting.** On September 6, 2018, the Board's Central Region Committee and staff met in St. Paul to review and discuss the final Plan. Those in attendance from the Board's committee were Jill Crafton, Jack Ditmore, Terry McDill, Duane Willenbring, Joel Larson and Joe Collins, chair. Board staff in attendance was Central Region Manager Kevin Bigalke. Lower Minnesota River Watershed District Administrator Linda Loomis and District Consultant Della Young provided highlights of the Plan and process. Board staff recommended approval of the Plan. After presentation and discussion, the committee unanimously voted to recommend the approval of the Plan to the full board.

## **CONCLUSIONS**

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.
2. The Board has proper jurisdiction in the matter of approving the Watershed Management Plan for the Lower Minnesota River Watershed District (District) pursuant to Minnesota Statutes Section 103B.231, Subd. 9.
3. The District's Watershed Management Plan, attached to this Order, defines the water and water-related problems within the District's boundaries, possible solutions thereto, and an implementation program through 2027.
4. The District's Watershed Management Plan will be effective September 26, 2018 through September 30, 2027.
5. The attached Plan is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

## **ORDER**

The Board hereby approves the attached Lower Minnesota River Watershed District Watershed Management Plan dated June 2018.

Dated at Waite Park, Minnesota this 26<sup>th</sup> day of September 2018.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES



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BY: Gerald Van Amburg, Chair

Manager \_\_\_\_\_ introduced the following resolution and moved its adoption:

LOWER MINNESOTA RIVER WATERSHED DISTRICT

RESOLUTION 18-14

RESOLUTION ADOPTING UPDATED WATERSHED MANAGEMENT PLAN

WHEREAS, pursuant to Minnesota Statutes Chapters 103B and 103D, and Minnesota Rules §8410, the Lower Minnesota River Watershed District (LMRWD) has approved and adopted a comprehensive Watershed Management Plan ("Plan") dated 2011, amended 2015 and 2016; and

WHEREAS, Minnesota Statutes §103B.231 requires the Plan to be updated every 10 years; and

WHEREAS, the LMRWD identified a need to update its Plan ahead of the 10-year statutory requirement in order to align timing of the plan update with the timing of local plan updates by municipalities within the LMRWD and the timing of watershed management plan updates by adjacent watershed management organizations; and

WHEREAS, the LMRWD designed and facilitated a robust stakeholder engagement process to solicit and incorporate comments from the public, the LMRWD's technical advisory committee (TAC), and state agencies, to ensure the District met the engagement requirement for its plan update; and

WHEREAS, the LMRWD prepared a draft Plan update and submitted the draft Plan for 60-day review and comment according to Minnesota Statutes §103B.231, subd. 7; and

WHEREAS, the LMRWD responded to all received comments, and;

WHEREAS, the LMRWD held a public hearing on the Plan to discuss the Plan and receive additional comment, pursuant to Minnesota Statutes §103B.231, subd. 7(c); and

WHEREAS, the LMRWD has completed the Plan update and prepared a 90-day review and approval copy, dated June 2018, according to Minnesota Statutes §103B.231, subd. 9; and

WHEREAS, the Minnesota Board of Water and Soil Resources completed its review of the Lower Minnesota River Watershed District's Comprehensive Watershed Management Plan and all relevant substantive and procedural requirements of law and rule have been fulfilled; and



WHEREAS, the Minnesota Board of Water and Soil Resources approved the Lower Minnesota River Watershed District's Watershed Management Plan on September 26, 2018 pursuant to Minnesota Statutes §§103B.201 to 103B.251; and

WHEREAS, the LMRWD finds that the adoption of the Plan is in accordance with the requirement of law and in the best interests of the public.

NOW, THEREFORE, BE IT RESOLVED that the Lower Minnesota River Watershed District Board of Managers adopts the Watershed Management Plan in accordance with MN Statutes §103B.231, subd. 10, and directs the Secretary to transmit a copy of the Plan to the county board of each county affected by the watershed district, the commissioner of natural resources, the director of the division of ecological services and waters (DNR), the Metropolitan Council, the governing body of each municipality affected by the watershed district, and soil and water conservation districts affected by the watershed district; and

FURTHER, the Lower Minnesota River Watershed District Board of Managers authorizes implementation of the Capital Improvement Program contained in the plan and the development of rules, as necessary, to accomplish the purposes of the Watershed Management Plan, Statutes Chapters 103B and 103D and to implement the powers of the managers.

Adopted by the Board of Managers of the Lower Minnesota River Watershed District  
this 24th day of October, 2018

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Jesse Hartmann, President

ATTEST:

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David Raby, Secretary/Treasurer