

Lower Mississippi River Watershed Management Organization Technical Advisory Committee

June 3, 2021

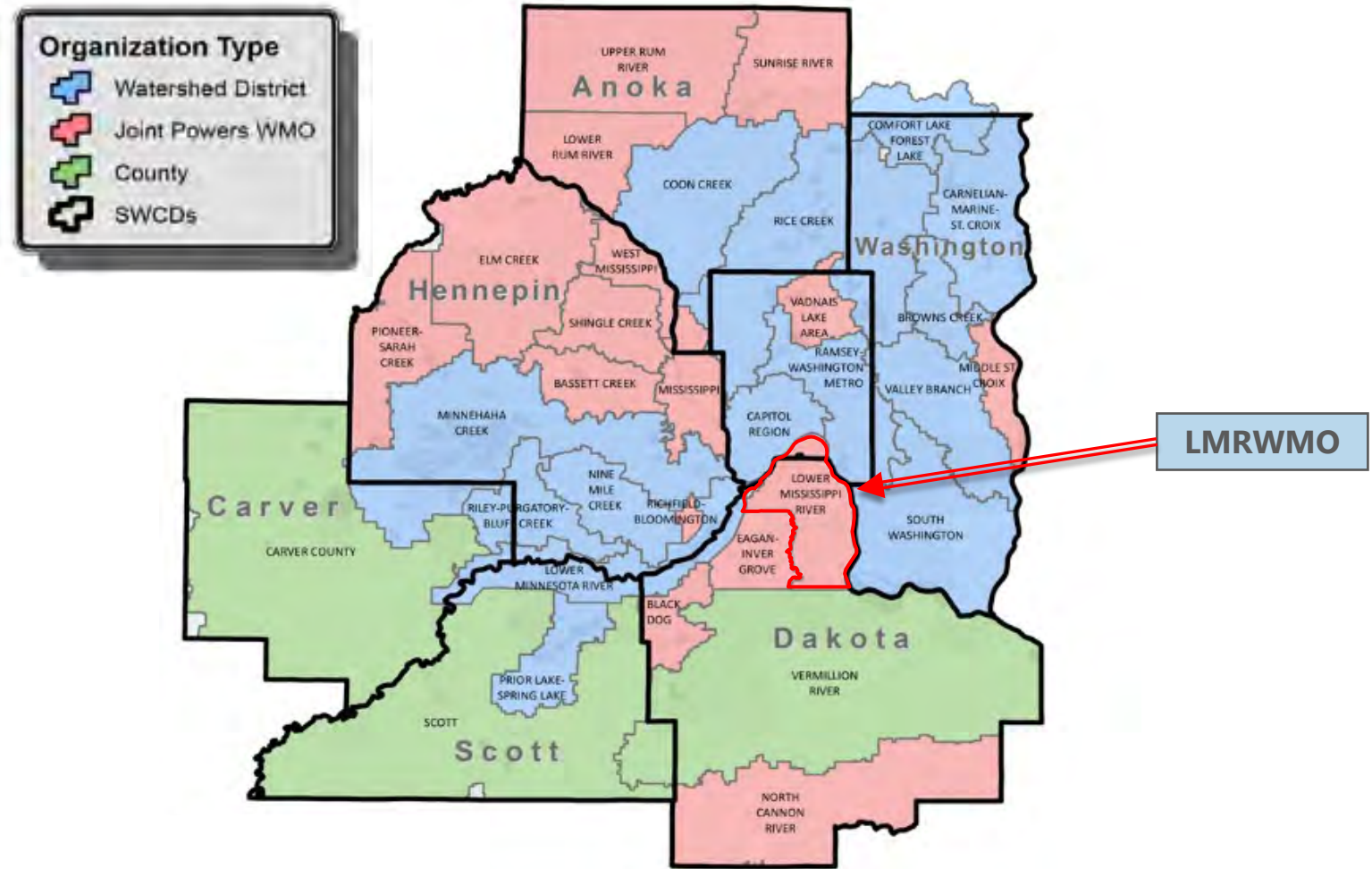
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Outline

- Introductions
- WMO Overview
- Plan update overview
- Role of the TAC
- Summary of recent issue identification
- Discussion of issues
- Next steps

LMRWMO Orientation



Lilydale
on the Mississippi



BARR

Education Programs

Metro Watershed Partners Master Water Stewards

Community Leadership for Clean Water



LANDSCAPING FOR CLEAN WATER



Dakota County Soil and
Water Conservation District

Water Monitoring



Perform water monitoring on LMRWMO lakes. Coordinate volunteer water monitoring program, track trends, identify issues.

Projects Aluminum Sulfate Treatments on Sunfish and Augusta



WRAPS Study - Application of aluminum sulfate to Lake Augusta and Sunfish Lake to capture dissolved phosphorus within lakes.

Projects Cherokee Heights Ravine



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cities, disaster relief funding, state grant funding.

Projects Thompson Lake Stormwater Improvement Project



Thompson Lake contaminated sediment removal and stormwater treatment project. 180 acre drainage area will be treated with a stormwater pond, treatment wetland, and water reuse system.

Plan Update Timeline

[illegible]

Plan Update Timeline

Proposed Schedule for Stakeholder Engagmenet during LMRWMO Plan Development

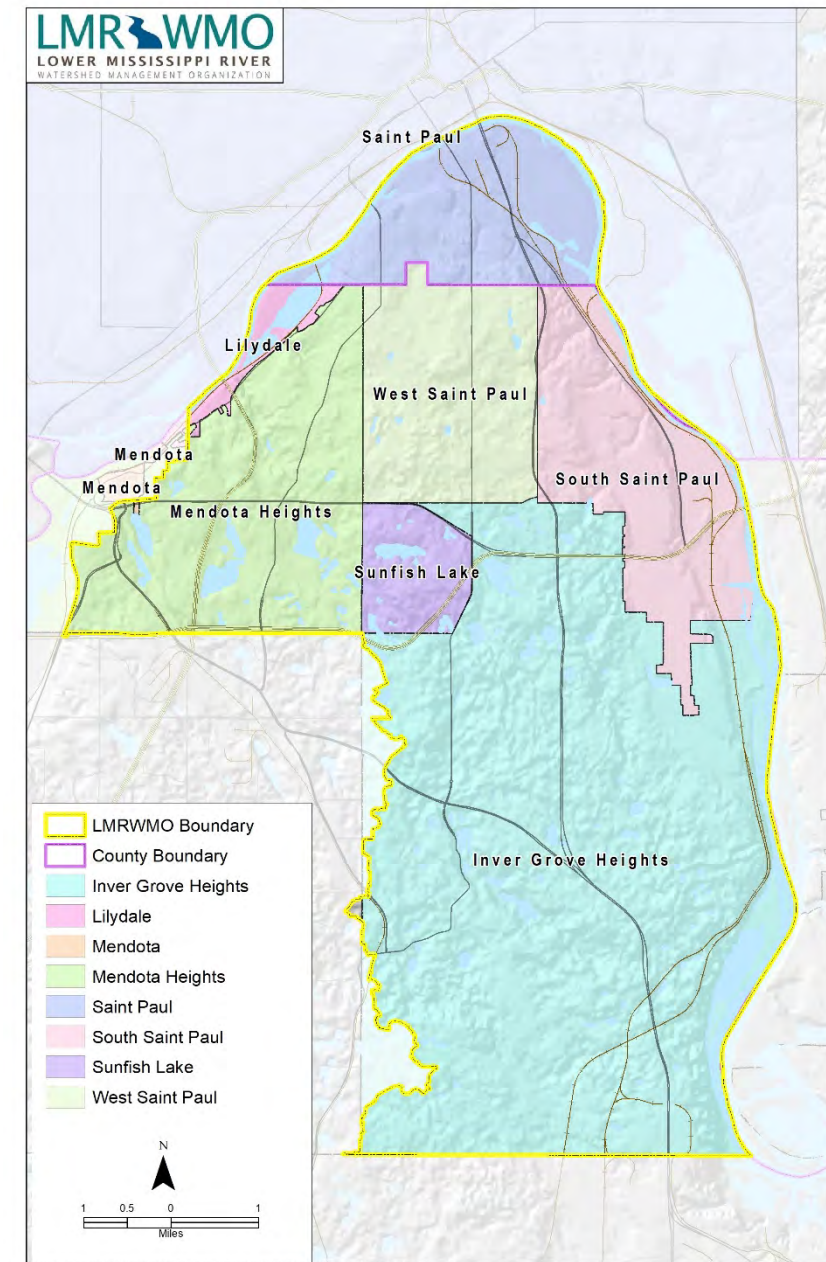
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Role of the Technical Advisory Committee

- Provide input to assist in Manager decisions
- Technical resource throughout Plan development
- Key input points:
 - **Identifying and prioritizing issues**
 - Establishing measurable goals
 - Reviewing and revising LMRWMO policies and strategies
 - Developing an implementation plan coordinated with LMRWMO partners

Recent Issue Identification Activities

- Responses to the Plan update notification letter
- Online survey
- Technical presentations to the LMRWMO Managers
- Review of 2011 WMO Plan



2011 LMRWMO Plan Issues

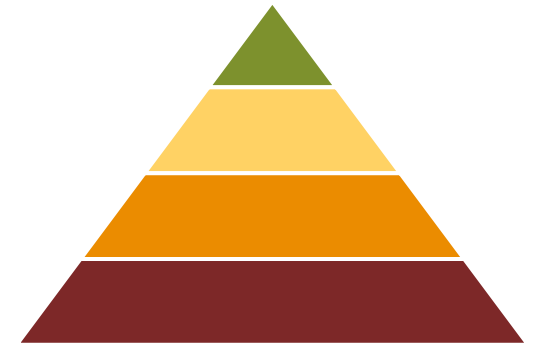
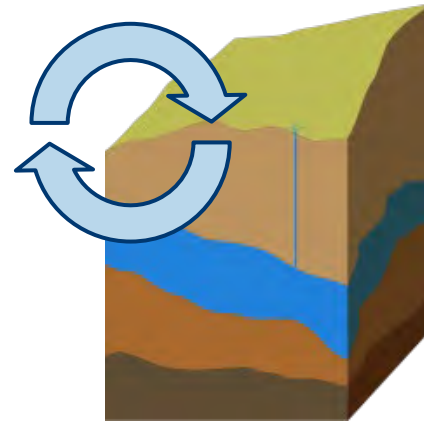
- Water quality
 - Impaired waters
 - Additional monitoring
 - City Stormwater management (MS4, NPDES)
 - Nutrient loading
 - Pond and BMP maintenance
 - Some lake-specific issues
- Flooding and stormwater rate
 - Increased runoff from development
 - Specific local flooding issues
 - Management of landlocked basins

2011 LMRWMO Plan Issues

- Erosion and sedimentation
 - MS River bank erosion
 - Erosion control standards
 - Specific local issues (IGH, Cherokee Heights)
- Need for groundwater management
- Wetland loss impacts (fish and wildlife)
- Limited recreational access
- Need for more public education
- Improved collaboration with Cities
- Lack of citizen input

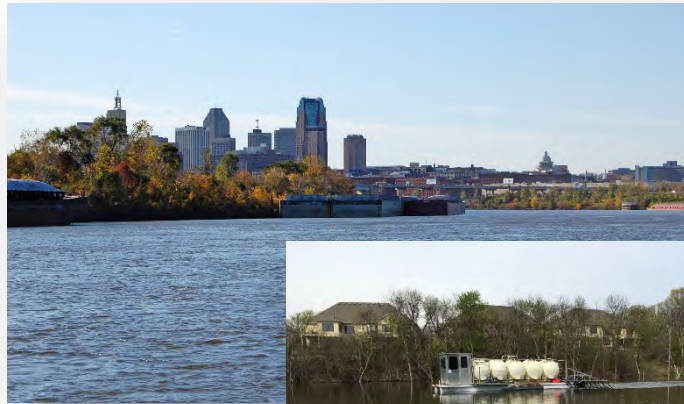
Responses to Plan Update Notification Letter

- Common themes:
 - Emphasis on measurable goals and progress assessment
 - Increased focus on groundwater sustainability
 - Implementation actions that are prioritized and targeted



Online Survey

- Frequently-identified resources:
 - Lake Augusta (20 responses)
 - Ponds (10)
 - Mississippi River (9)



- Other resources:
 - Lily Pond
 - Rogers Lake
 - Mud Lake
 - Pickerel Lake
 - Thompson Lake
 - Lemay Lake
 - Valley Creek
 - Bluffs

Online Survey

- Frequently-cited issues:
 - Water quality (57% of responses)
 - Aesthetics (22%)
 - Recreational use (11%)
 - Wildlife impacts (6%)
- Improvements cited:
 - More green infrastructure
 - More education
 - Increased buffers
 - Increased accessibility
 - Less road salt

Online Survey

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 - Water quality (57% of responses)
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- Notable omissions:
 - Flooding
 - Wetlands
 - Invasive species

Priority Issue Discussion

- What resources are a priority for restoration, protection?
- What emerging issues are important to your organization?
- Biggest change since the 2011 Plan?
- If the LMRWMO could accomplish one thing, what should it be?

Next Steps

- Report to Board of Managers
- Present at June 9 public kickoff meeting

