



Legislative Water Commission

June 21, 2018

Co-chairs: Senator Wiger

Representative Torkelson

Jim Stark, Director

Straight River, Becker County

Agenda

- **Call to Orders/Introductions**
- **Approval of minutes: April 23**
- **Discussion-MAWD tours**
- **Introduction-2019 Recommendations**
- **Next Steps- 2019 Recommendations**
- **Summer LWC Schedule**
- **Update-Clean Water Meeting**
- **Updates on water-related bills- 2018**



**Recent Floods:
MN, WI and MI**



2019 LWC
Recommendations
Six Issues

LWC Priorities- 2019

- **2018 Process**
- **Stakeholder Input**
- **LWC Ranking Process**
- **My Interpretations**
- **Six Issues/Recommendations**
- **Documents in Your Folders**

Process and This Meeting

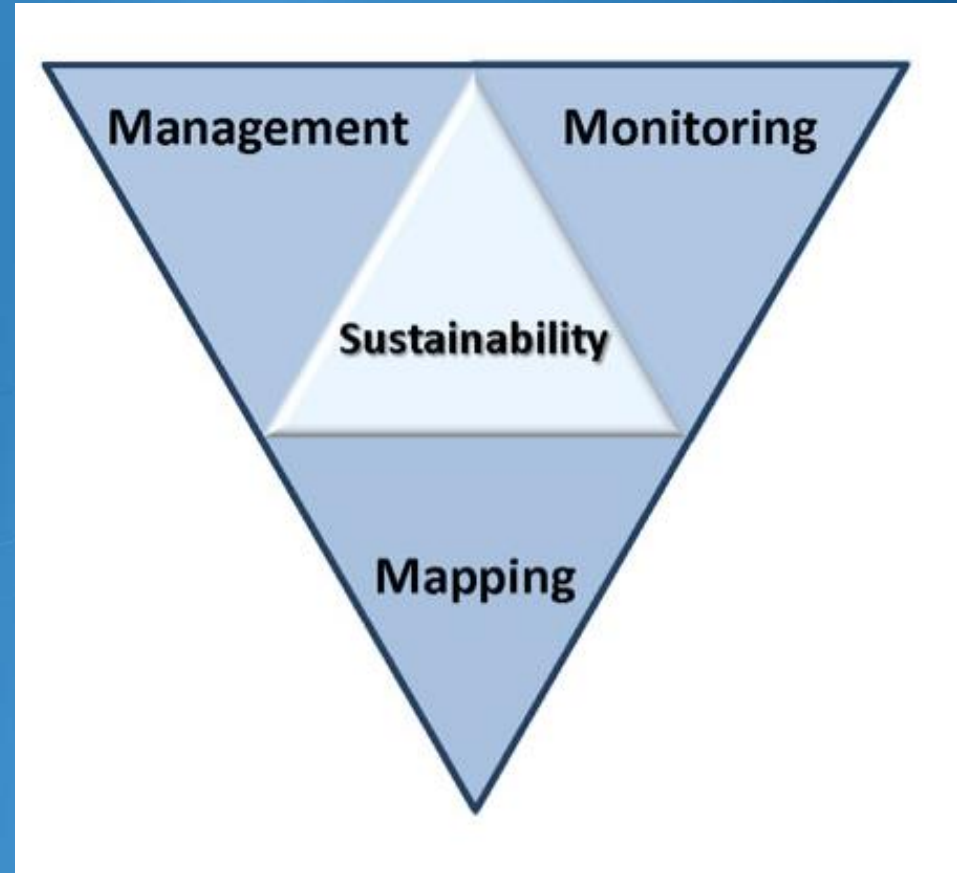
- Six Issues/Recommendations:
- Consensus on all/some
- Then, move forward:
 1. Stakeholder/Agency/ LWC Feedback- Summer
 2. LWC- Prioritization- Fall

2019 LWC Issues and Recommendations

Topical areas

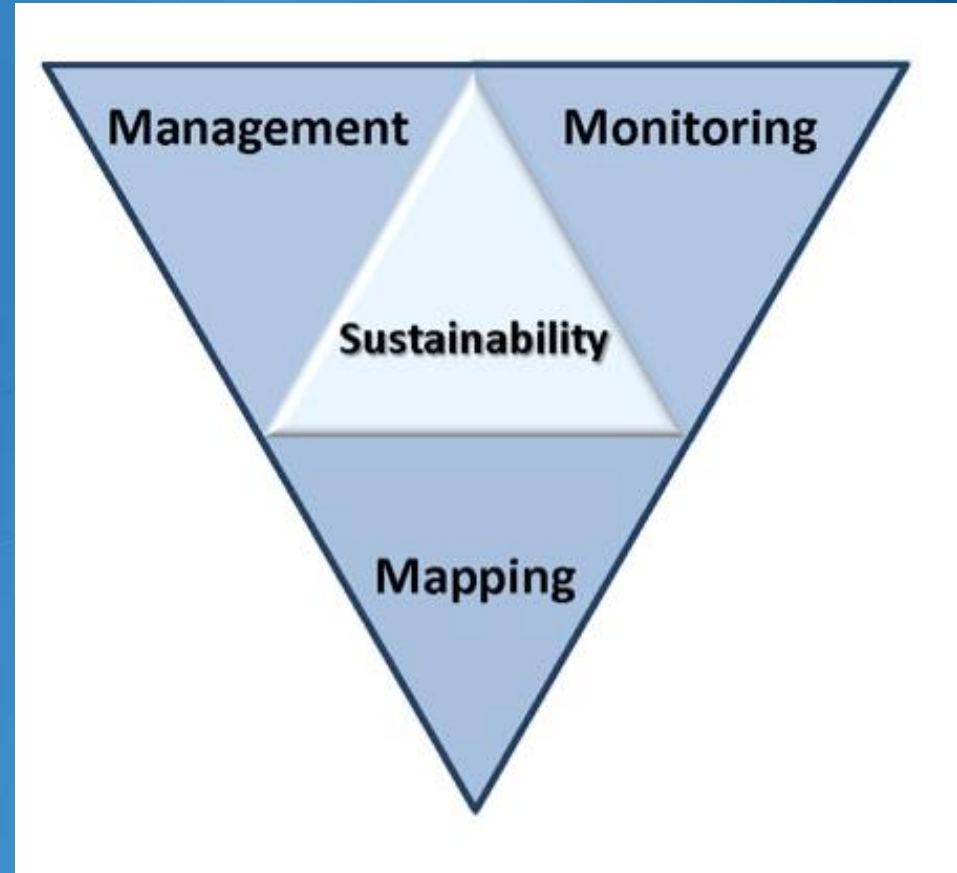
1. *Waste-water**
2. *Drinking water**
3. *Groundwater*
4. *Sustainable Lakes*
5. *Water retention*
6. *Future state*

* Short term



How Can the Recommendations be Used?

- **Legislation**
- **Clean Water Council**
- **LCCMR**
- **Generate stakeholder support**
- **Guide Agency programing**



Issue: A Firm Foundation

- 1989- GW Act
- 1999- USGS Sustainability Report
- 2004- G16 Impaired Waters Plan (MPCA)
- 2005- DNR/GW Report
- 2006- Clean Water Legacy Act
- 2006- ENRTF Sustainability Report
- 2008- Clean Water Amendment
- 2008 Legislative Water Sustainability Framework
- 2009- EQB Sustainability Report
- 2012- GW Management Area Plans (DNR)
- 2017- Freshwater Society Reports on Water Sustainability

Time to move forward on this foundation

(Worthington, MN-2012)



Six Issue Areas

Issue #1: Wastewater/Storm water

Issues:

- Vetted Last Session
- Infrastructure Needs are Large
- Nine Recommendations
- Four Moved Forward
- Some Legislative Success
- Re- review Each Issue
- Recommend Some Issues Again

Issue # 2: Drinking Water

Issues:

- **Infrastructure Issues are Significant**
- **Source-Water Protection for Rivers**
- **Private Drinking Water: Threats include: Nitrate, Lead, Arsenic, Radon Bacteria, Viruses, Man-made Chemicals, Toxic Algae, Spills**

Some Recommendations:

- **Source Water Protection for Rivers**
- **Attention to Private wells**
- **Infrastructure for Water Systems**
- **Evaluate the GW Protection Rule**



Issue #3: Groundwater Sustainability: Will We Run Out?

Issues:

- Warning Signs
- Noted First In Lakes and Streams
- Issues are Well Documented

A Few Recommendations

- Balance our Water Bank Account
- Assess our Water Balance (1W/1 Plan)
- Economic Analysis-How Important?
- Automate the Permit Process
- Interactions GW/Lakes/Biology

Issue # 4: Sustainable Lakes

Issues: Many Threats

- GW Pumping
- Chemicals/ Nutrients
- Algae
- Invasive Species
- Warming Climate

A Few Recommendations:

- Establish Status and Goals- Statewide
- Protect Shorelines
- Management of Deep and Shallow Lakes
- Leaking Septic/Wastewater
- Economic Value of our Lakes

Issue #5: Water Retention

Issues and Challenges:

- Drainage is an Urban and Rural Problem
- Drainage affects our GW, Streams and Lakes
- Nutrients, Erosion, Stream Sediment

Status and a Few Recommendations:

- Understand Extent of Drainage Problem
- Evaluate Urban BMPs
- Drainage affects GW recharge/Water Balances?
- Assess BMPs for Individual Landscapes
- Support Recommendations of the DWG
- Incentivize the Right BMPs in the Right Areas

Issue # 6: Desired Future State for Water



Issues:

- **Citizen Expectations of the legacy Act**
- **Economic Value Land of 10,000 lakes**
- **Threats are Real**
- **Our Legacy**
- **Not Clear about Expectations or How to get there**

A Few Recommendations:

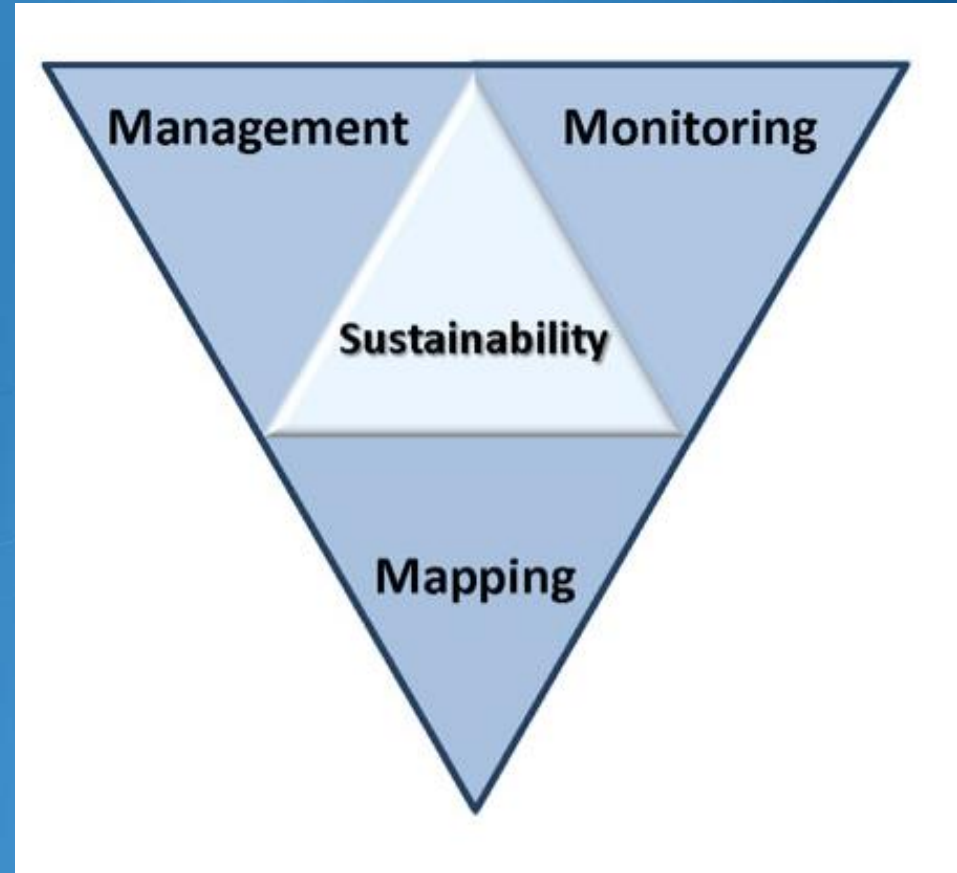
- **What is our Desired Future State?**
- **Protect, Enhance, Maintain?**
- **Recognize the Full Cost of Water**
- **Keep Water on the Lands**
- **Adopt Mining and Climate Adaption Policy**
- **Process to Achieve Goals**

2019 LWC Issues and Recommendations

Topical areas

1. *Waste-water**
2. *Drinking water**
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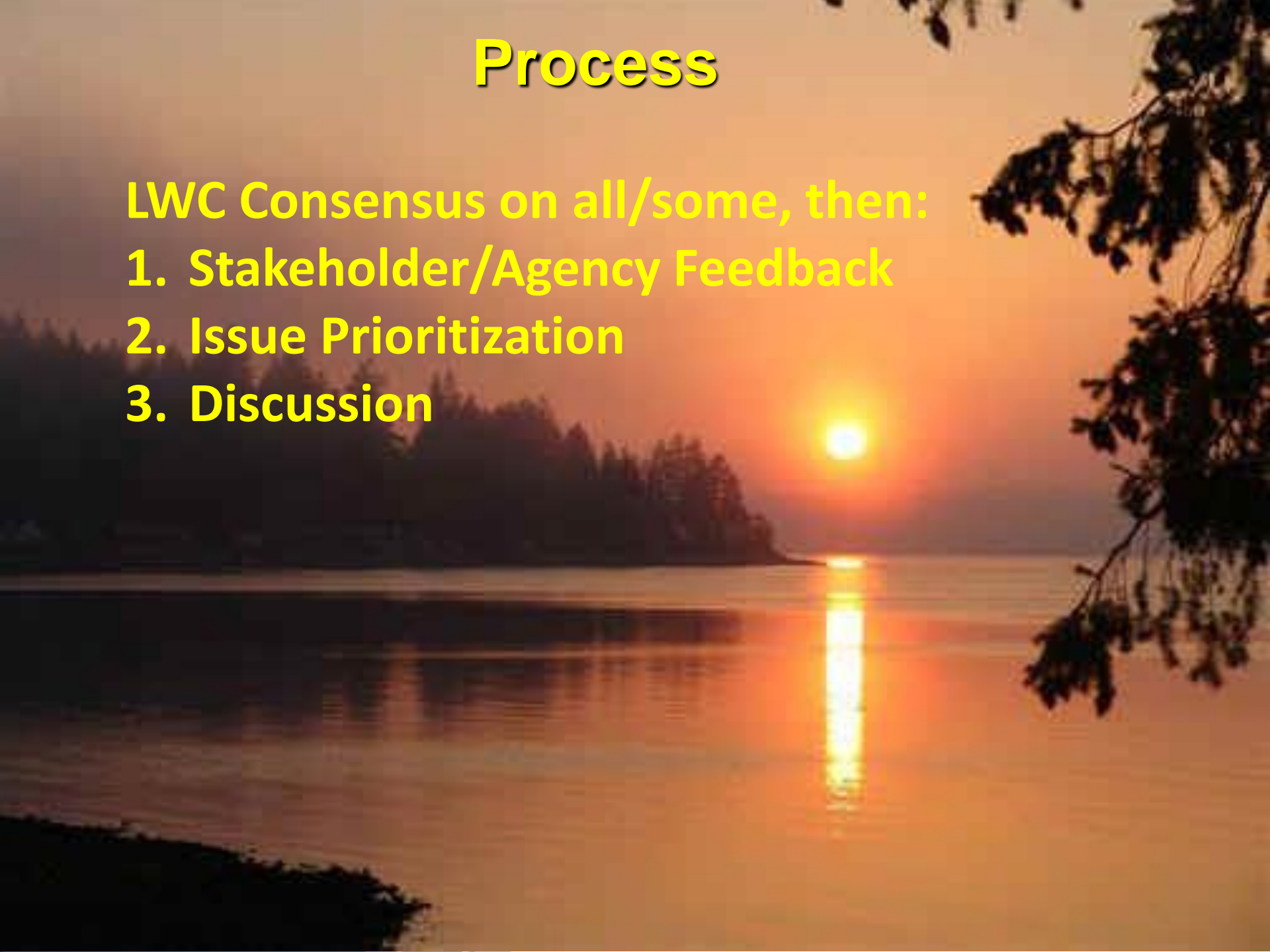
* Short term



Process

LWC Consensus on all/some, then:

1. Stakeholder/Agency Feedback
2. Issue Prioritization
3. Discussion



Agenda

Summer LWC Schedule

- **July 23 (Monday--a change from July 16) Meeting and field tour—urban water management: Full Day**
- **August 20 (Monday) Meeting and field tour—rural water management: Full Day**
- **Stakeholder Issue Meetings to be scheduled**
- **Visits to your Districts?**

Agenda

- **Update-Clean Water Meeting**

BWSR: programs and project updates

- **Updates on water-related bills- 2018**

- The clean water supplemental appropriation bill was included in the House Legacy bill but was not heard in the Senate
- Watershed restoration bill was included in the supplemental budget bill--eventually vetoed.
- Wastewater Infrastructure: Partial success in the bonding bill. Also, appropriations from the Trust Fund.

A serene sunset scene over a calm lake. The sun is a bright, glowing orb on the right side of the horizon, casting a long, shimmering reflection down the center of the water. The sky transitions from a deep orange near the horizon to a pale, hazy yellow at the top. In the background, a dark silhouette of a forested shoreline is visible. The foreground shows the dark, out-of-focus branches of trees on the right and bottom left. The word "THANKS" is written in a bold, yellow, sans-serif font, centered horizontally and slightly above the middle of the image.

THANKS