

Tainter Menomin Lake Improvement's mission:

- 💧 Increase awareness of water quality issues
- 💧 Advocate resource protection
- 💧 Celebrate our rivers and lakes through community engagement





► Science



► Solutions



► Humans

- ▶ Lawyers prefer regulations
 - ▶ Our ability to regulate is contingent upon people's willingness to be regulated.
- ▶ Engineers like new products
 - ▶ Only effective if they are used.
- ▶ Educators develop curriculum
 - ▶ Solely providing information has little or no effect on behavior.
- ▶ Advertisers design media campaigns
 - ▶ Marketing can alter existing preferences but does not create new behavior.
- ▶ Economists appeal to financial interests
 - ▶ Money is only one of many factors that influence decisions
- ▶ Scientists collect data
 - ▶ Data merely informs decisions, it doesn't make them.

Solutions

Complex problems require multifaceted approaches that can adapt over time.

Red Cedar Watershed Conference

Land, Water and People Coming Together!



Red Cedar
Watershed
Boundary

Red Cedar River

Tainter Lake

Lake Menomin

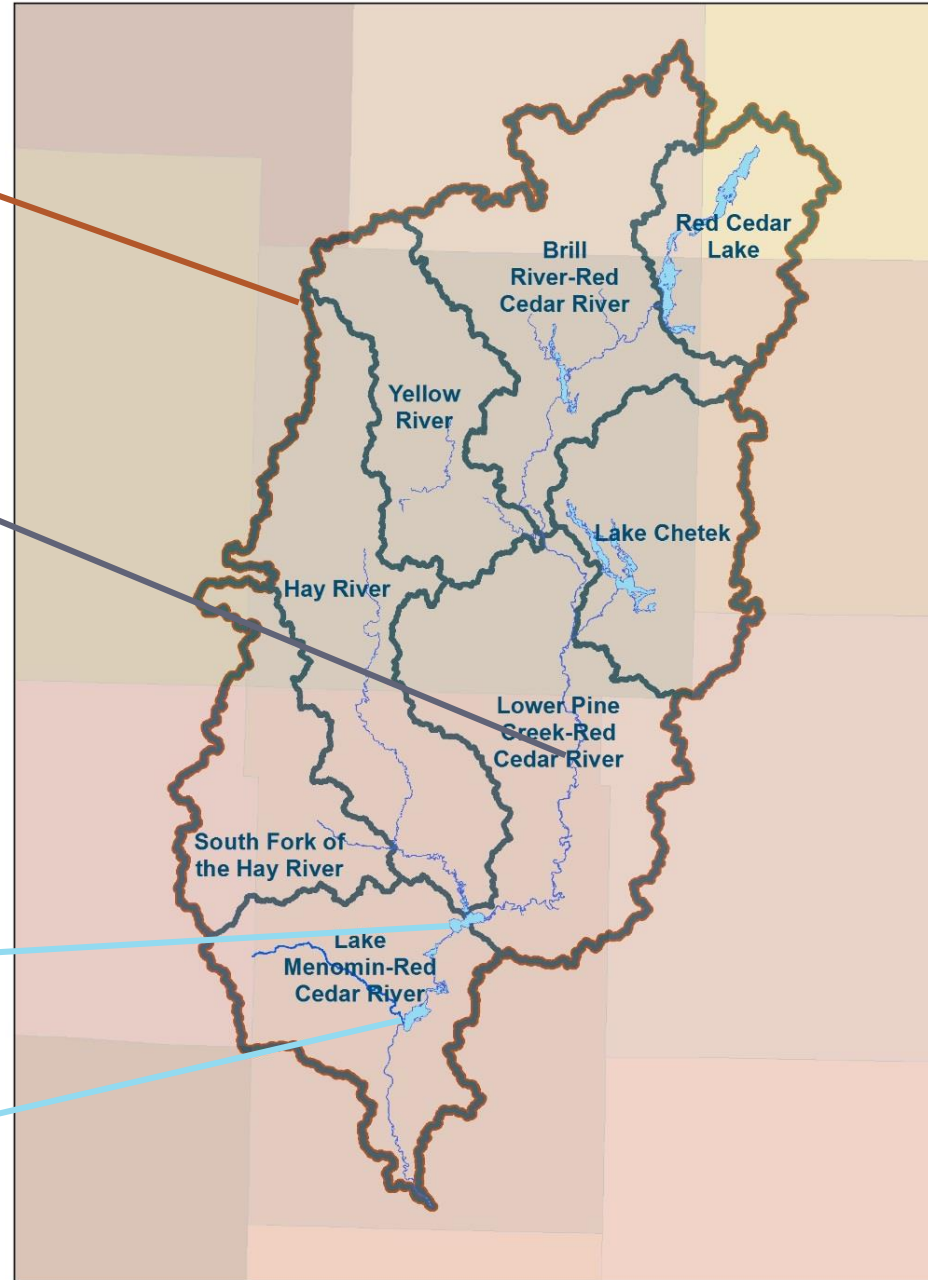


Red Cedar
Watershed
Boundary

Red Cedar River

Tainter Lake

Lake Menomin

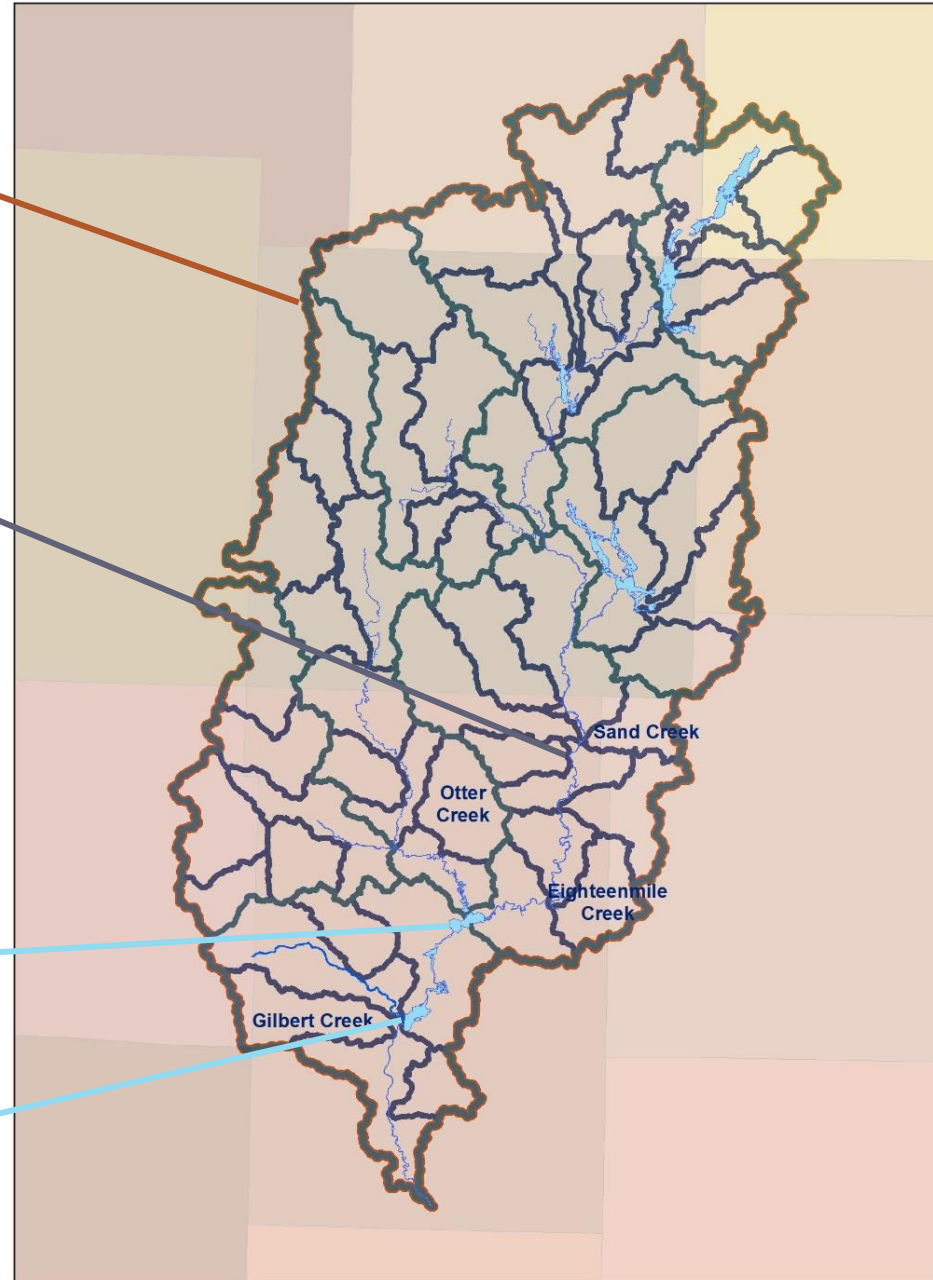


Red Cedar
Watershed
Boundary

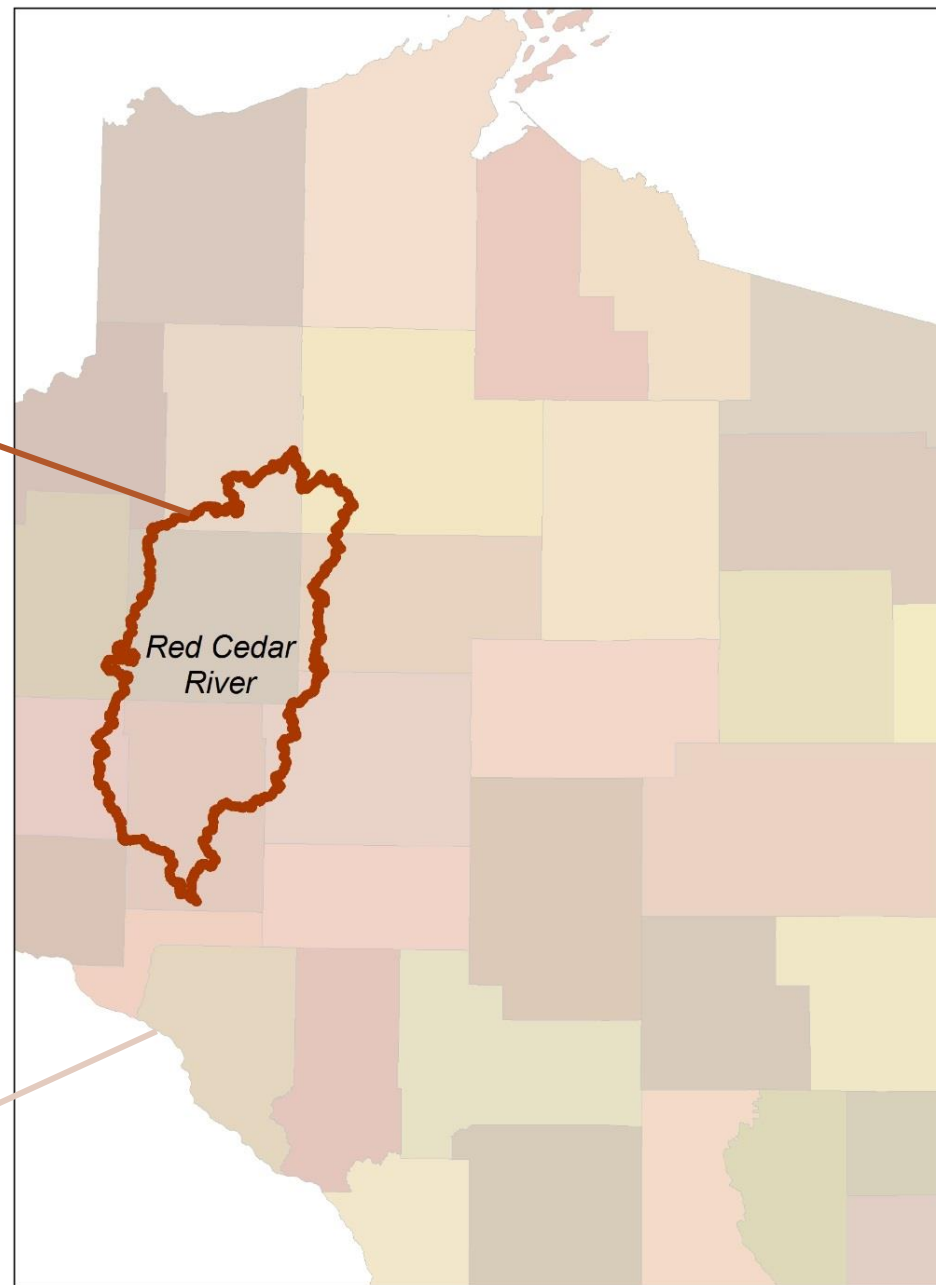
Red Cedar River

Tainter Lake

Lake Menomin



Red Cedar
Watershed
Boundary

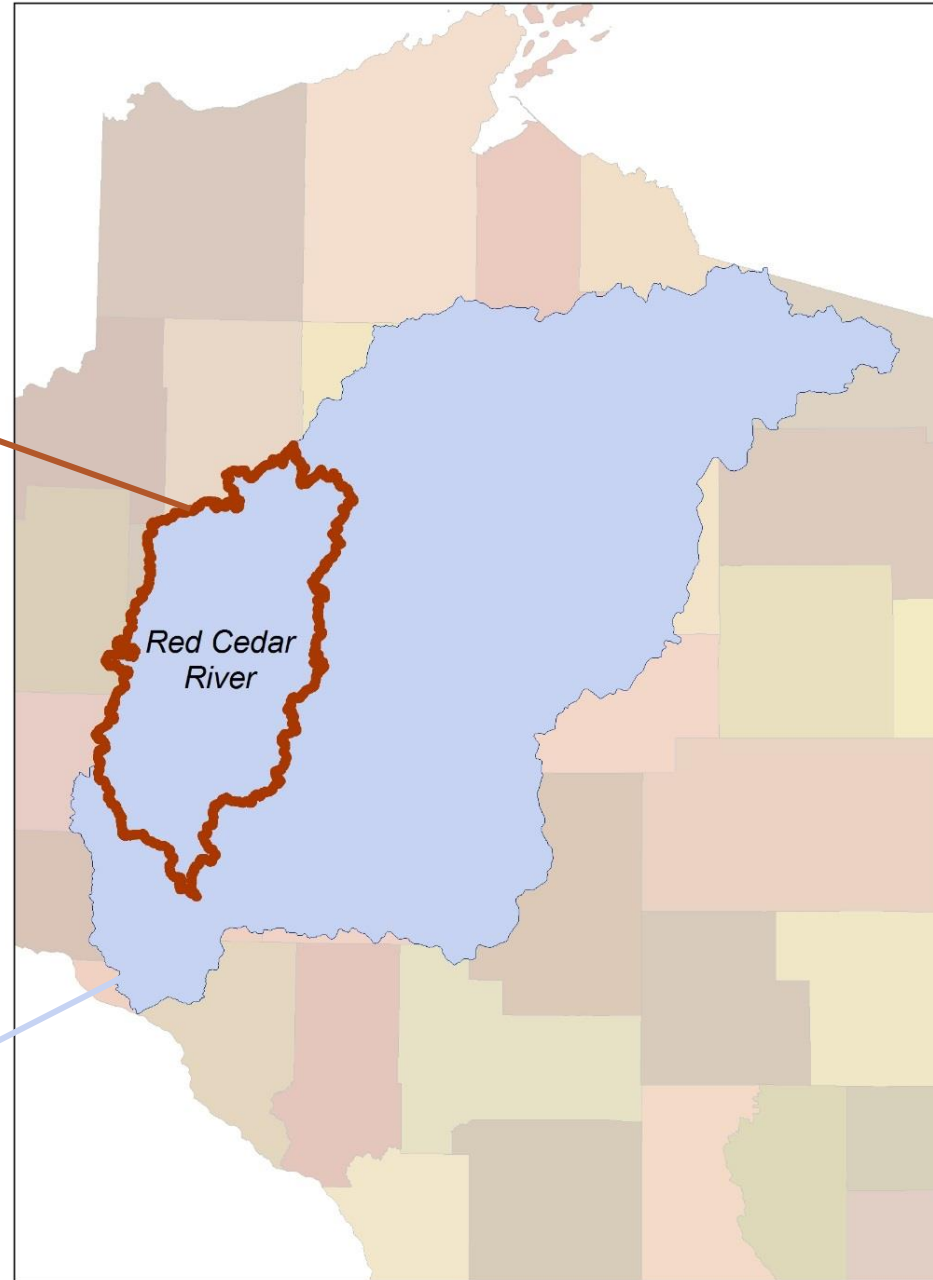


Wisconsin



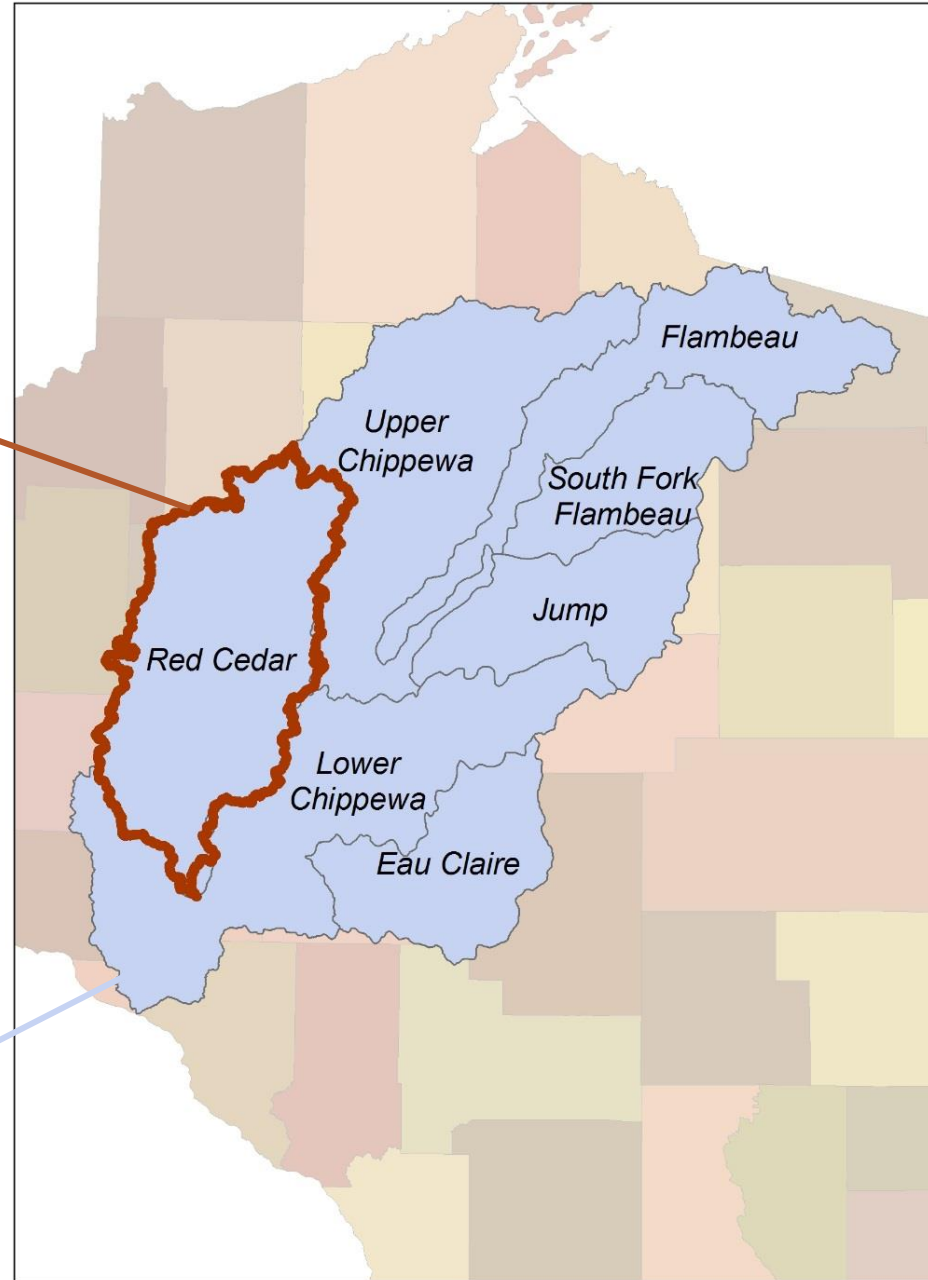
Red Cedar
Watershed
Boundary

Chippewa
River
Watershed



Red Cedar
Watershed
Boundary

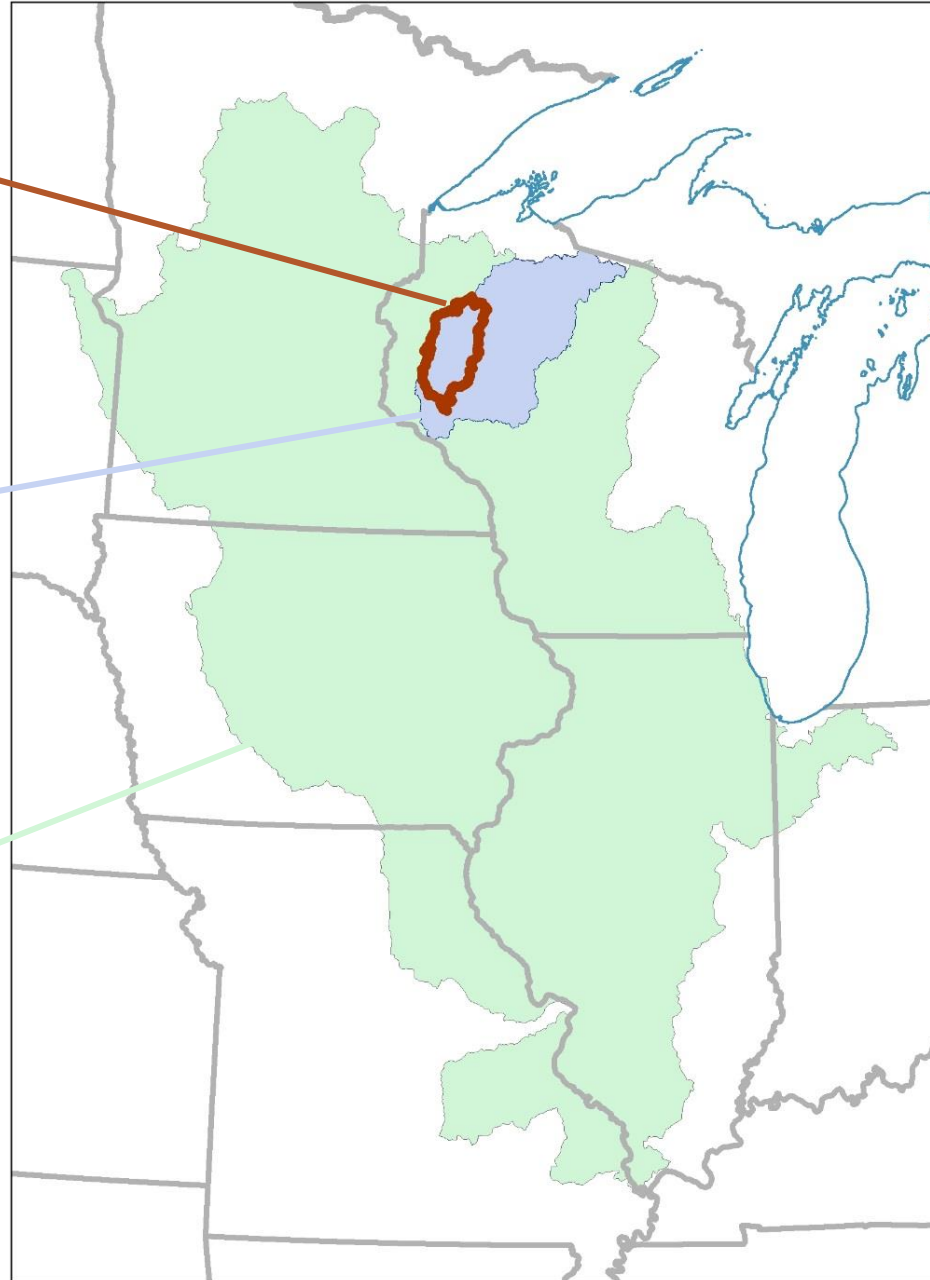
Chippewa
River
Watershed



Red Cedar
Watershed
Boundary

Chippewa
River
Watershed

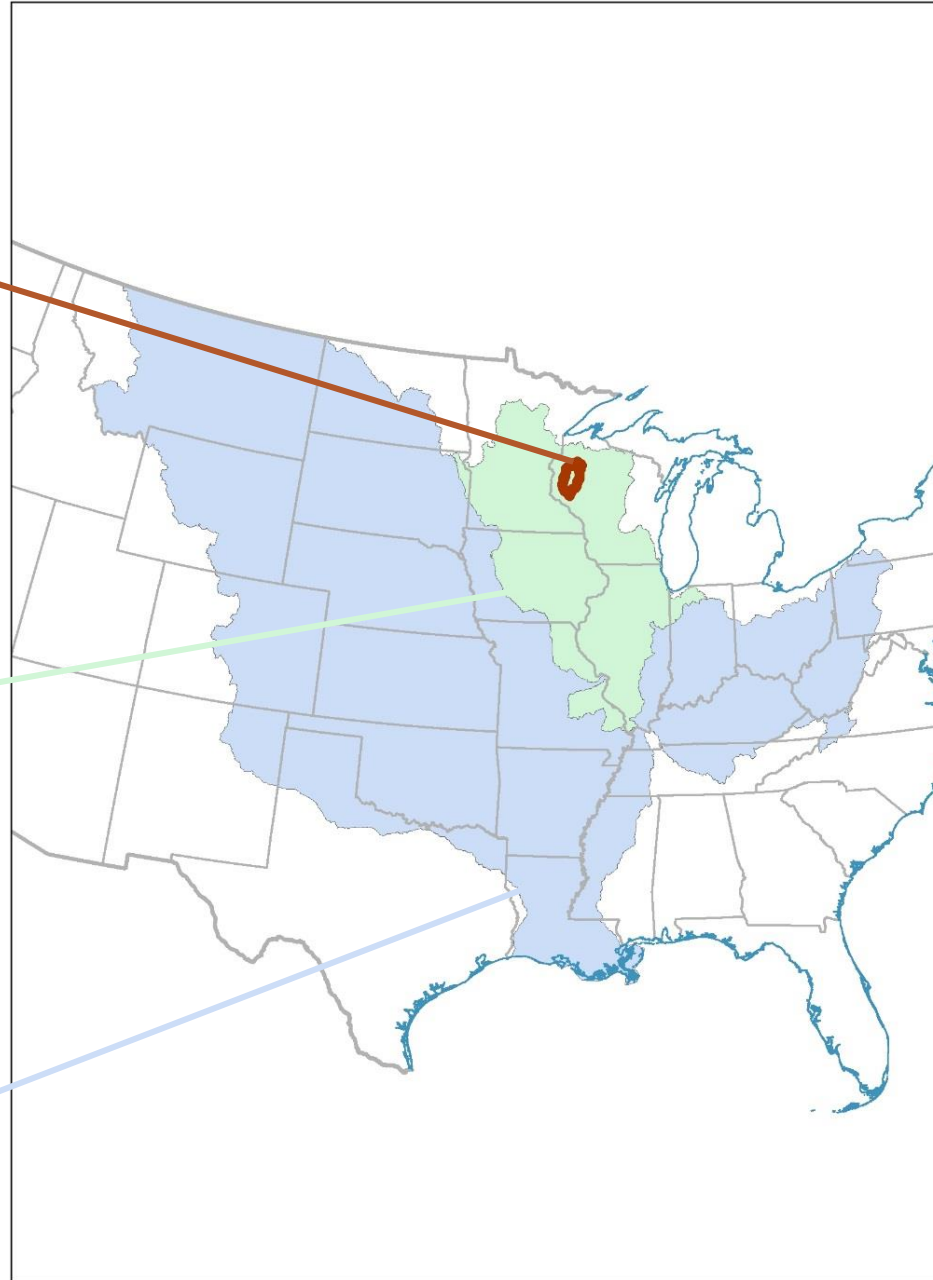
Upper
Mississippi
Watershed



Red Cedar
Watershed
Boundary

Upper
Mississippi
Watershed

Mississippi River
Watershed

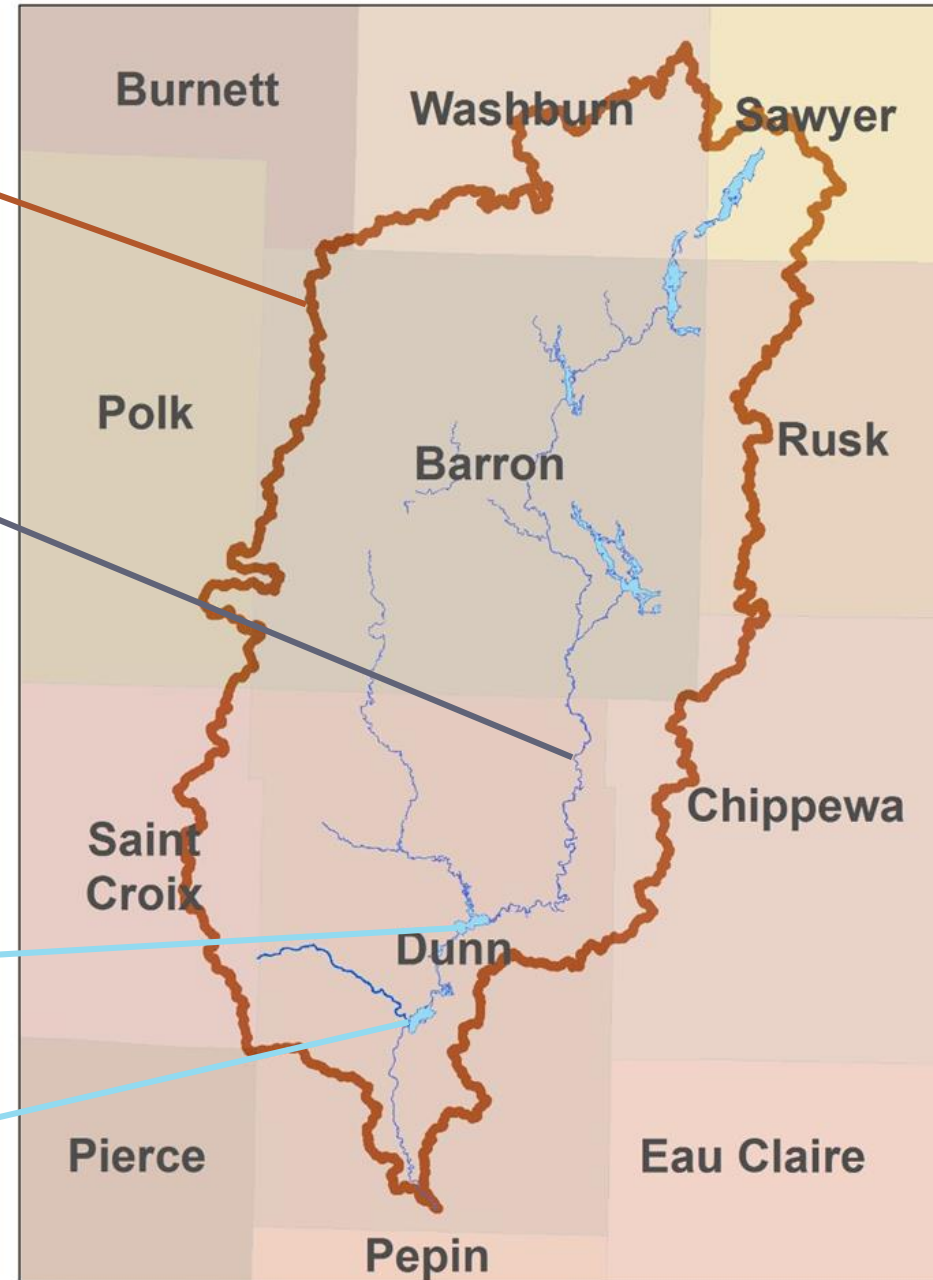


Red Cedar
Watershed
Boundary

Red Cedar River

Tainter Lake

Lake Menomin



Annual 4th of July Pontoon Flotilla on Tainter Lake



Photo by Barney Tull

Gone Fishing on Lake Menomin

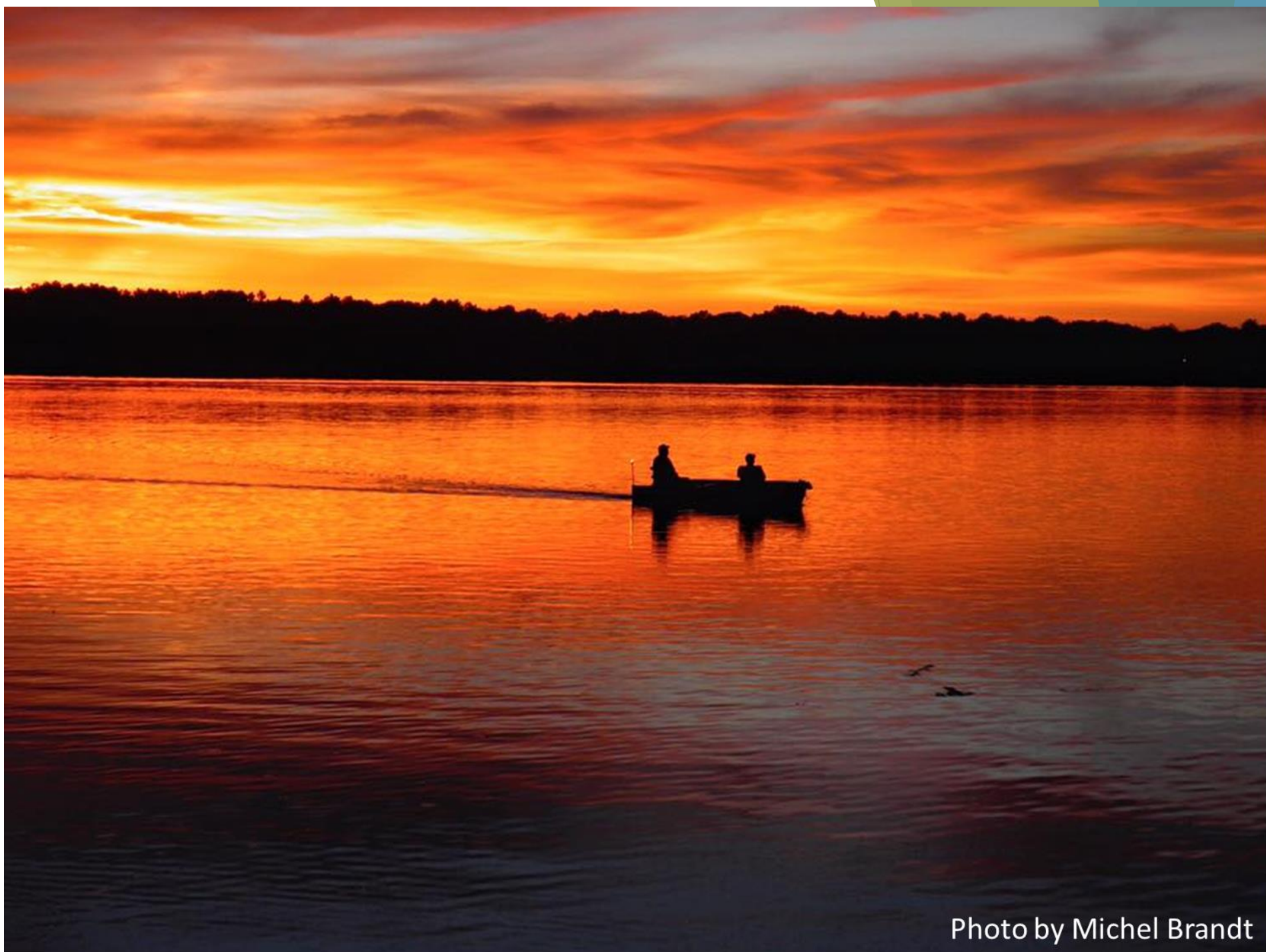


Photo by Michel Brandt

Tainter Lake Ice Fishing Contest at Elk Point



Photo by Jon Fuller

Winter Daze
fireworks
display over
Lake
Menomin
from
downtown
Menomonie

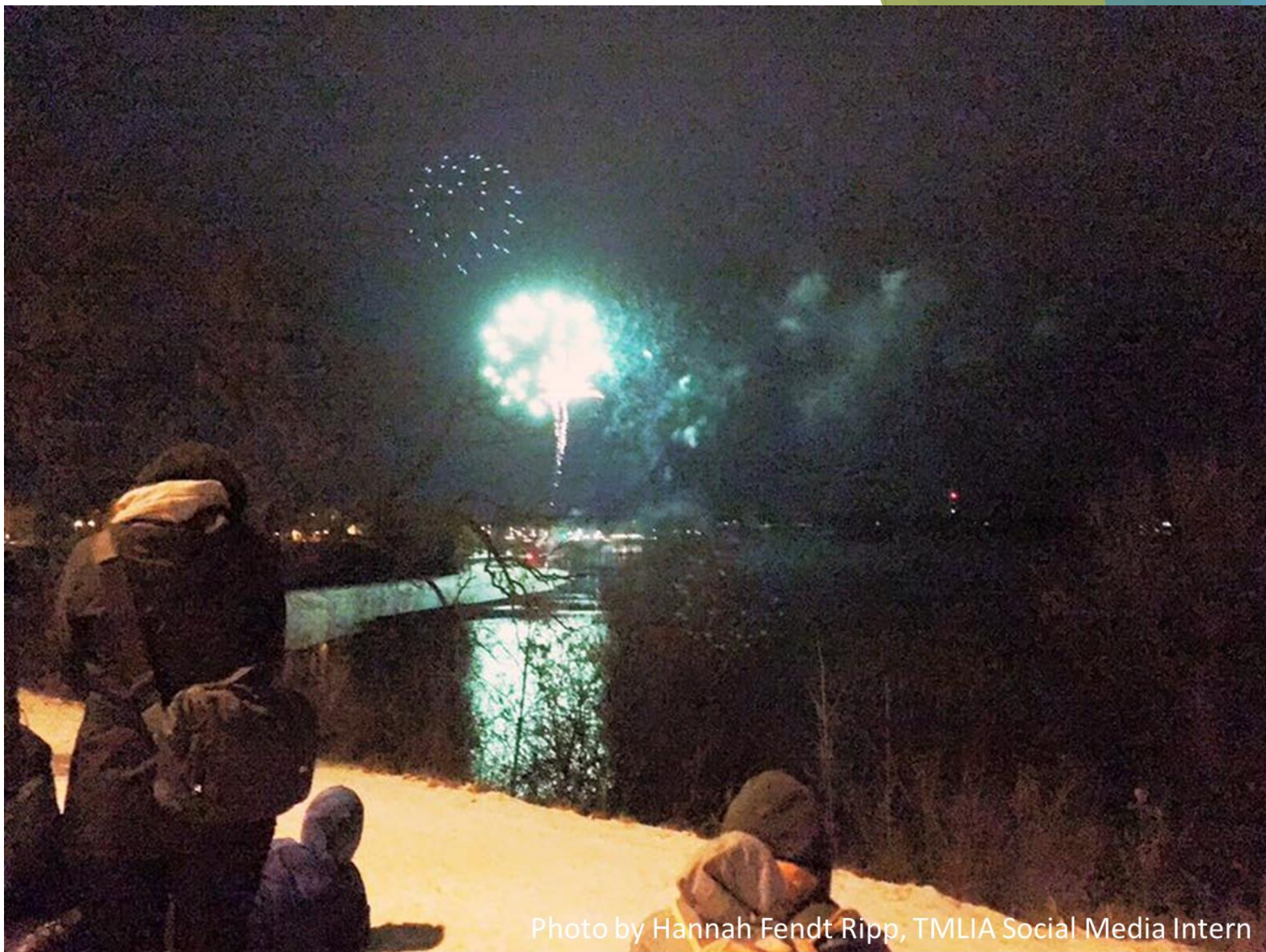


Photo by Hannah Fendt Ripp, TMLIA Social Media Intern

Music Over Menomin at the Public Library



Photo by Liz Usborne, TMLIA President



★ Menomin Meander ★

FREE | No Advance Registration

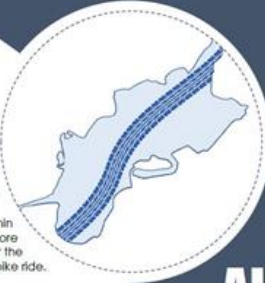
All Riders Please Wear Bicycle Helmets

9AM

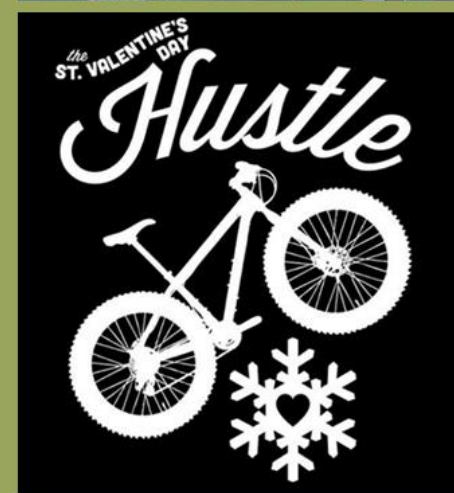
Ride the new
Menomin Loop
with support &
fun all the way
around the lake!

The 8.3 mi Menomin
Meander is the more
relaxed option for the
Sadistic Century bike ride.

The route begins at the Dunn County
Recreation Park, with check-in at the
Faretli Building, and a rest stop at
Wakanda Park. A meal option will be
available for \$5 at the end of the ride.
showcase



**AUG 17
2019**



The 'blue' in blue-green algae on Tainter Lake



Photo by Amber Georgakopoulos, TMLIA Vice President

Civic Organizing is a strategy to strengthen community capacity

- 💧 Expands community capacity to address complex problems
- 💧 Heightens collaboration and partnerships
- 💧 Assists citizens to understand their role
- 💧 Leverages resources
- 💧 Builds trust

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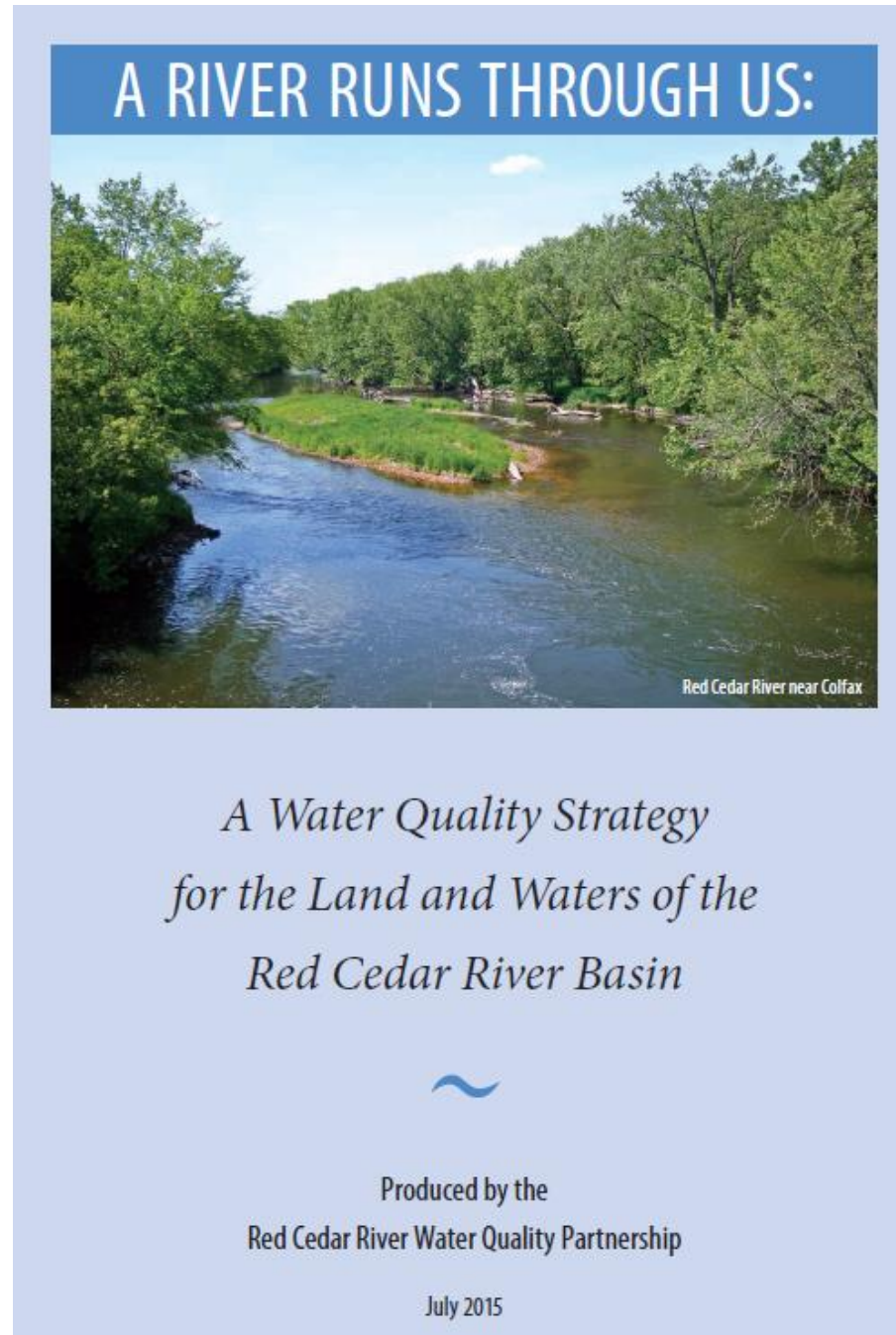




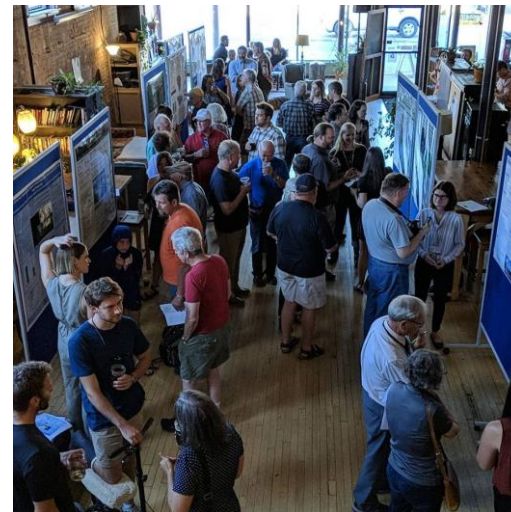
- ✓ Expands community capacity to address complex problems
- ✓ Heightens collaboration and partnerships
- ✓ Assists citizens to understand their role
- ✓ Leverages resources
- ✓ Builds trust



- 💧 Expands community capacity to address complex problems



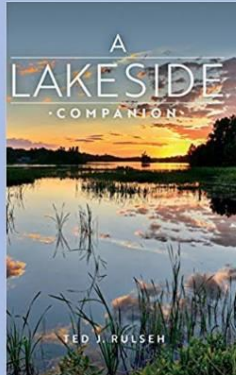
💧 Heightens collaboration and partnerships



Assist
citizens
understand
their role



Co-sponsored by the
Tainter Menomine Lake Improvement Association
and the Menomonie Public Library



Author Reading
February 2nd
1:00 pm



You'll discover the interconnected worlds of a lake: the water; the sand, gravel, rocks, and muck of the bottom; the surface of the lake; the air above; and the shoreline, a belt of land incredibly rich in flora and fauna. Explained, too, are the physical, biological, and chemical processes that determine how many and what kinds of fish live in the lake, which plants grow there, the color and clarity of the water, how ice forms in winter and melts in spring,

About The Author:

Ted J. Rulseh writes the newspaper column "The Lake Where You Live" and is active in lake-advocacy organizations, including the Wisconsin Citizen Lake Monitoring Network. The editor and publisher of several books on the Great Lakes region, he is the author of On the Pond: Lake Michigan Reflections. He lives in the lake-rich region of northeastern Wisconsin.

WILD & SCENIC[®] FILM FESTIVAL

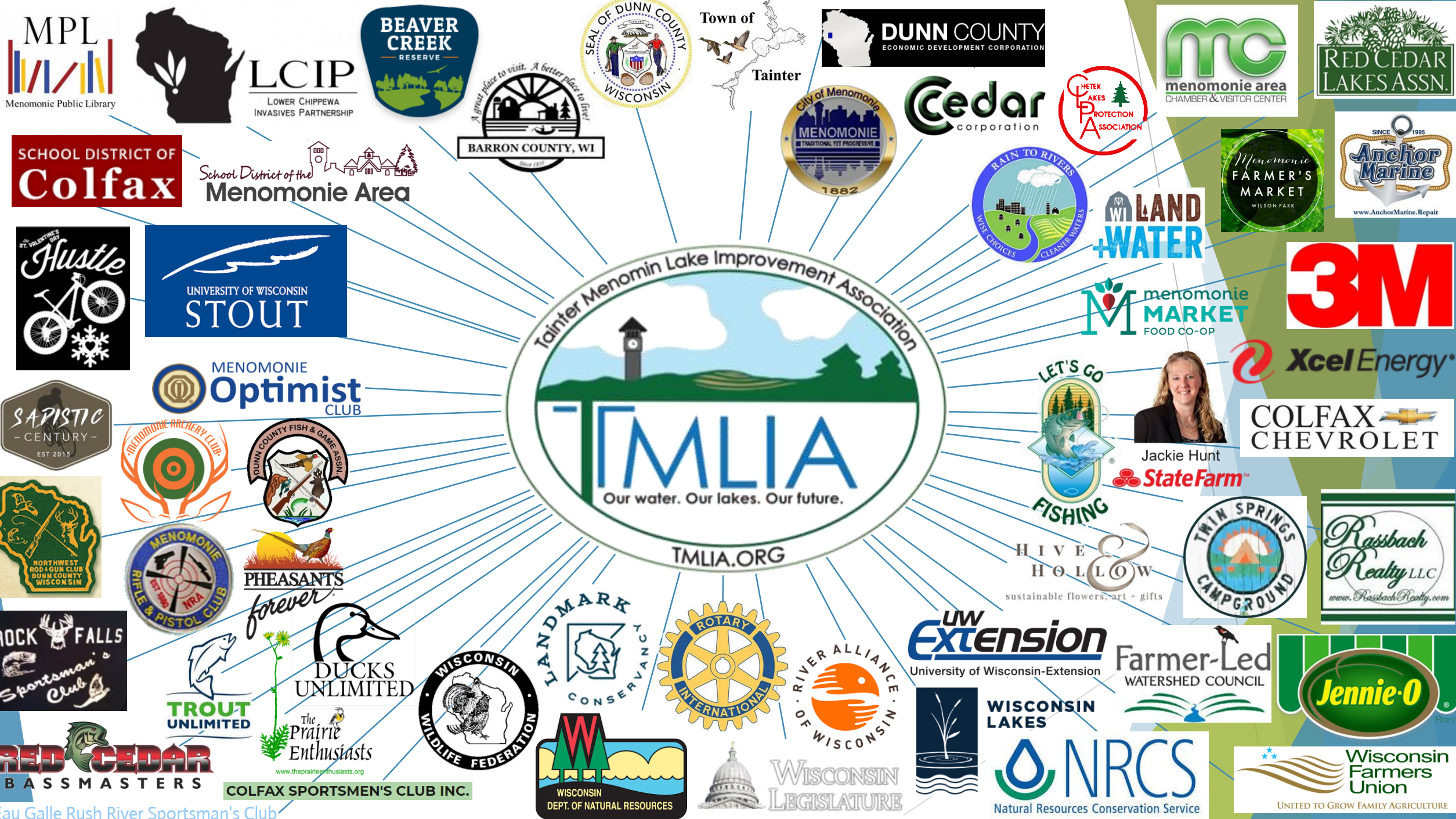


💧 Leverages resources



💧 Builds trust









Wounded Waters The Trauma and Treatment

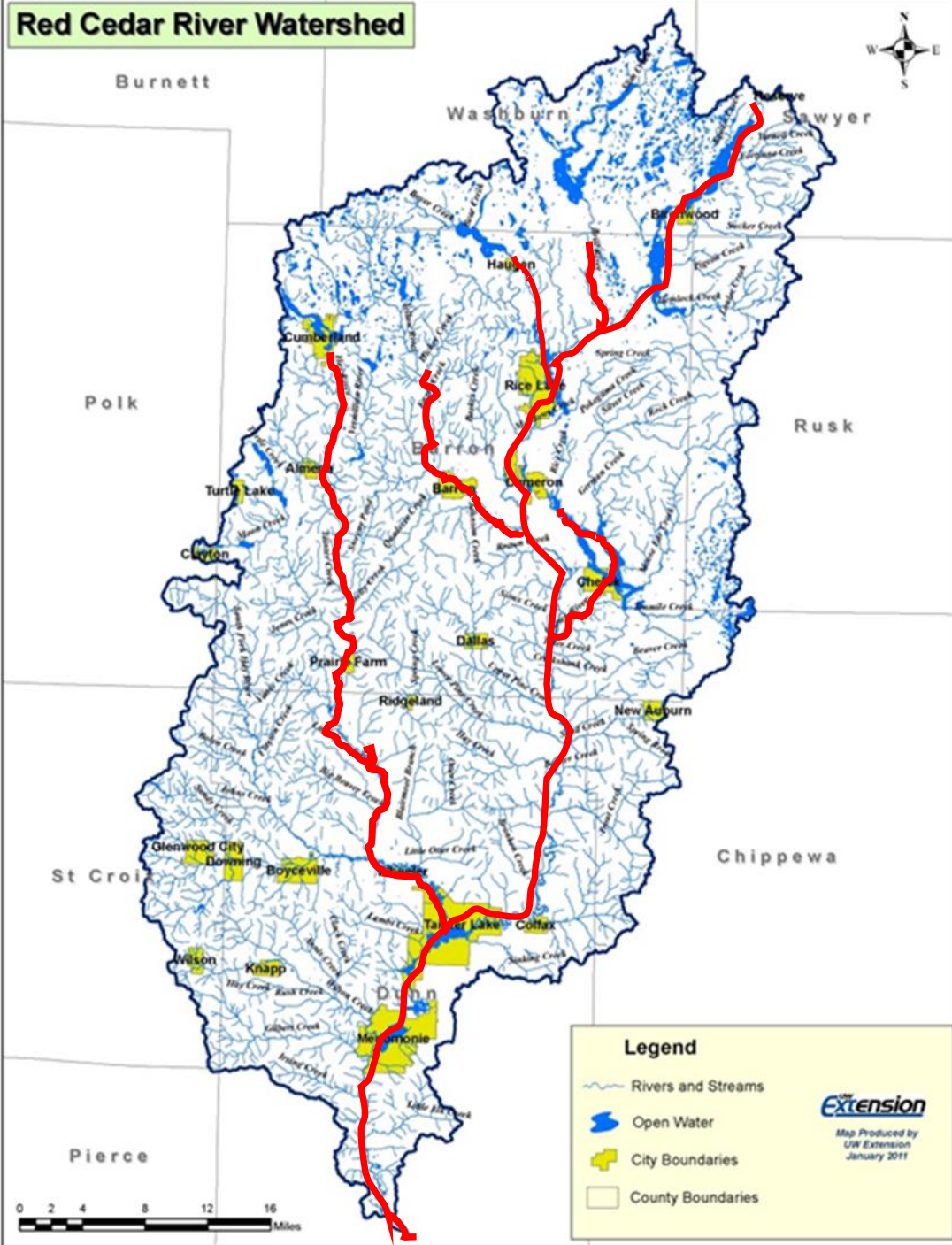
The Red Cedar River

Rod Olson, MD

October 4th, 2019

“The River Doc”

- **Restores by “micro-surgery”
wounded land and water**
- **Co-Chair of the Red Cedar River
Conference**
- **Member of the Red Cedar River
Partnership**



213 miles of photography
and water testing









**Sediment increases with
each creek that enters the Red Cedar River**





26% of the Watershed is cropland but contributes 66% of the phosphorous







Red Cedar Delta into Tainter Lake



© 2013 Google

Google earth



1992

Imagery Date: 10/2/2011

44°59'10.66" N 91°49'17.40" W

elev 873 ft

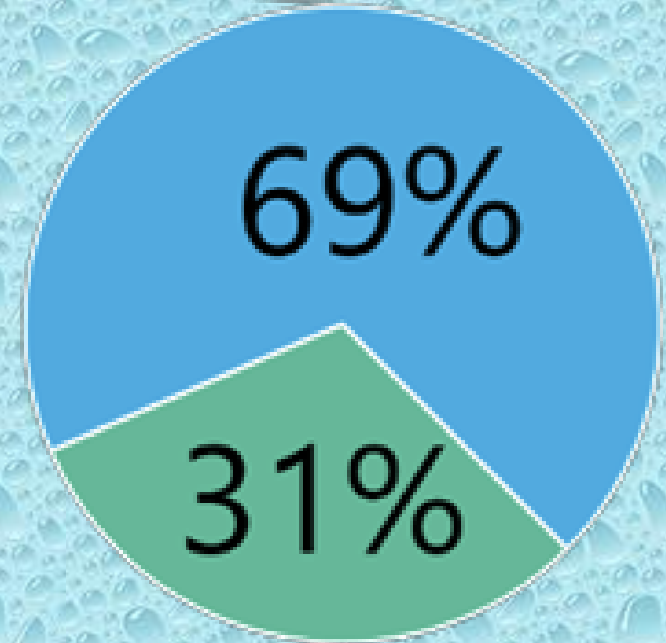
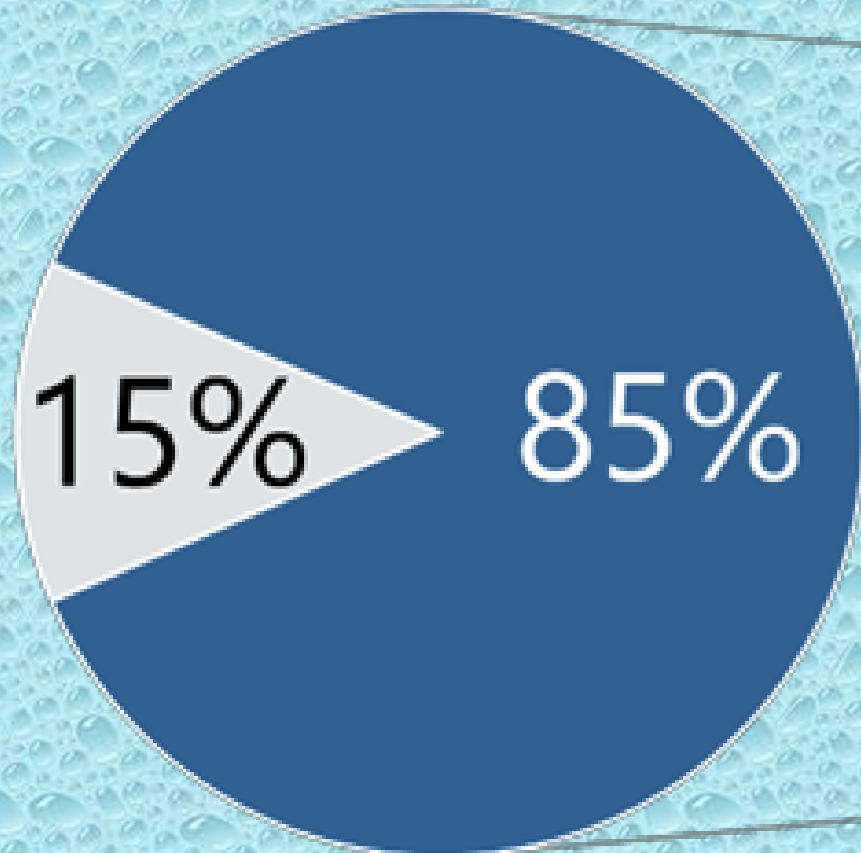
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Do you travel *from* Menomonie to visit other lakes and why?



■ No ■ Yes ■ Because other lake cleaner ■ Other reasons

Where Do We Start to Change this?

**In an Emergency you
“Start Where You Are Standing”**

The Red Cedar River Conference

*Land, Water and People
Coming Together*

A unique conference on water quality

**Farmers and agribusinesses are at the table
with lake associations and shoreline owners,
municipalities and townships listening to
National and International speakers**

Red Cedar River Water Quality Partnership

- UW Extension
- City of Menomonie
- NRCS Barron County
- TMLIA Lake Association
- WDNR
- Dunn County Land and Water Conservation Division
- Barron County Land and Water Conservation
- Co- Chair of the Red Cedar River Conference
- Barron County Farmer
- UW Stout REU
- Red Cedar Lakes Association
- Rusk County Land Conservation

Treatment Options

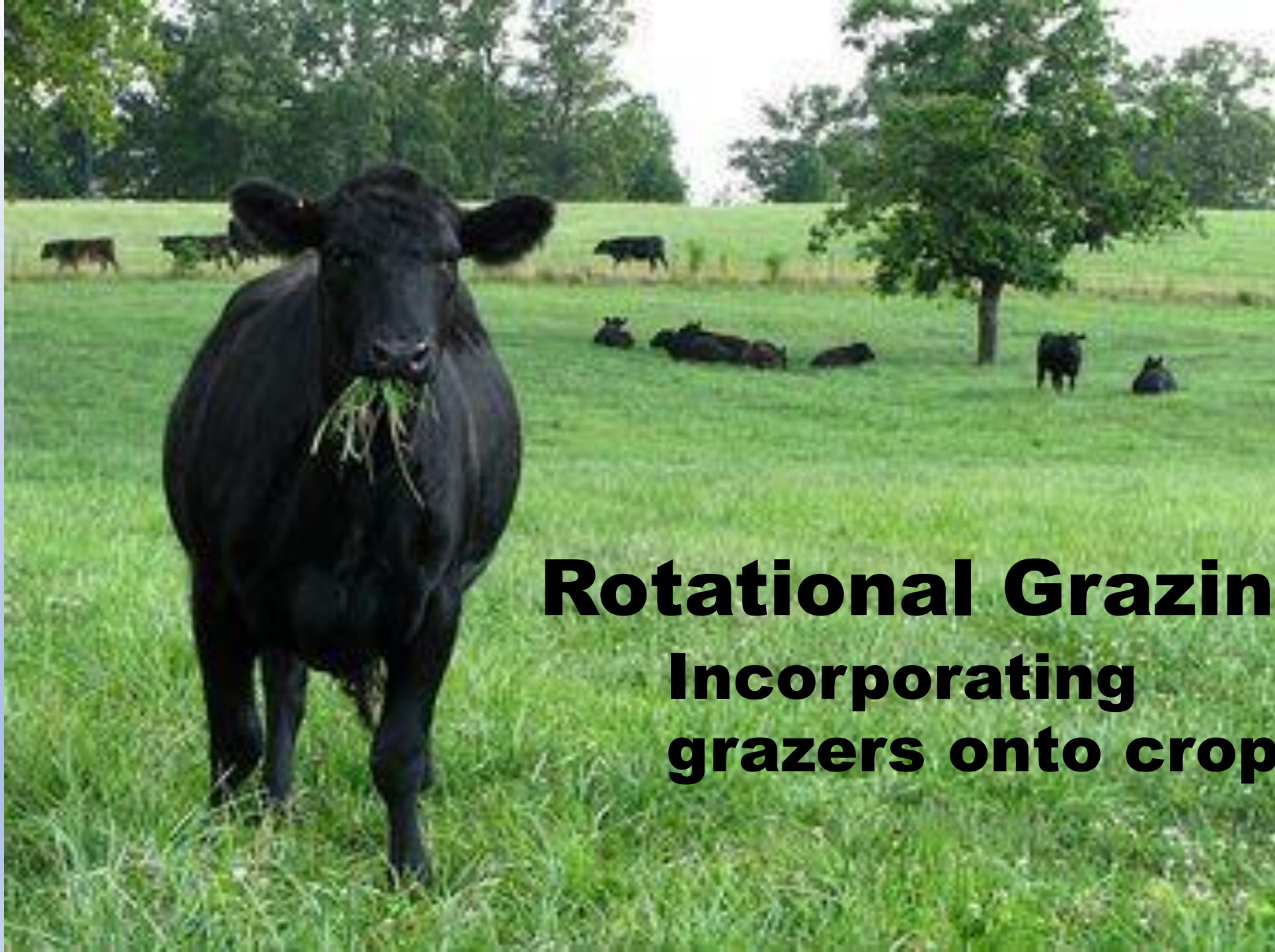
- **Stop the Bleeding of Soil from our precious farm fields using “The Soil Health Initiative”**
- **Farmer Lead Councils are growers finding local solutions**
- **Infiltrate Stormwater by “Allowing water to soak in rather than runoff”**
- **Build rain gardens as sponges in our yards, parks and public landings**

A yellow tractor with a large yellow tank and two long-reach arms is positioned in a field. The tractor is facing away from the camera, and the field is covered in green grass and some dry stalks. In the background, there are some trees under a clear blue sky.

Soil Health is
the Future of productive farming.
Producers call it
“Regenerative Agriculture”.



Cover crops
have grown from 0-20% of cropland in
Barron County since the beginning of
the Red Cedar River Conference



**Rotational Grazing;
Incorporating
grazers onto cropland**



**We have moved from experimenting to implementation,
but growers need consultants to work out solutions on
their individual farms.**

**We must actively assist
the land managers in
finding methods to
protect the soil into the
future.**



Detention ponds and wetlands absorb stormwater





Streambank Restorations





Rain Gardens



The public has a vested interest in protecting soil and water resources because:

- loss of soil productivity diminishes the agricultural economy
- lakes, rivers and wetlands become degraded
- maintaining our quality of life depends on it

What can help fix the Problem?

- **Enhancing farming practices with new technology.**
- **Farmers believing they can keep the soil on their land.**
- **A commitment by non-farmers to support these changes.**

What else will help?

- **Contractors building with silt fences, fiber berms, grass swales, detention ponds and leaving every site with a rain garden or other means of reducing runoff.**
- **Using pervious concrete and buffers along waterways**
- **Encouraging shoreline owners to take pride in their riparian buffer rather than their manicured lawn**



Our rivers, lakes and groundwater
will benefit!



Rod Olson, MD
The Red Cedar: Land, Water and People
Coming Together

Planning ???????????

An elevator speech type of review.
[30 seconds]

Why do it,
When to do it,
How to do it

?....LaP³el

- * Leadership
- * People
- * Plan
- * Passion
- * Agreement
- * Execute
- * Leadership

LaP³el

- * Leadership:

- * Passion /Drive
- * People Selection
- * Planning expertise
- * Project Management skills
- * An incentive to Win/achieve the results

LaP³el

- * Passion

- * What is it , Write it down, talk to people about it,
 - * Is it something you're willing to sacrifice for?
 - * Is it something you would stand up and fight for?
 - * Is it something that you can justify all the time, sweat equity and maybe your own money on..... to yourself?
 - * To your family?
 - * To your neighbors?

LaP³el

- * People:

Selection of team/Volunteers:

- * The right people
- * Strong willed,
- * Outside interests
- * Dedicated
- * Diversity
- * Skills needed
- * Engaged

LaP³el

- * The Plan
- * Follow a Format:
 - * Mission, Strategy, Goals, Objectives, Action , Responsible, When
 - * “SMART”—Goals and objectives...
 - * Strategic, Measurable, Achievable, Resources, Time
 - * “SWOT”.....
 - * **Just Do It!**

LaP³el

- * Agreement:
 - * Work out differences
 - * Vote
 - * 2/3
 - * Majority
 - * Unanimous
 - * *****Don't move on without it.

LaP³el

- * Execute:

- * Meetings

- * Meeting Effectiveness

- * Agenda
 - * One person at a time
 - * Value each person
 - * Every voice is heard
 - * Don't let one person dominate.
 - * Start and end meetings on time.
 - * **Track Results!**

LaP³el

- * Leadership:

- * Maintain Vision, Mission, Objectives, from the plan.
- * Taskmaster (open minded, willing to work together)
- * Focus (Long vs Short term)
- * while getting folks to buy in
- * Understanding Activities vs Results
- * Have Fun, Keep it together!

LaP³el

- * Discussion:

- * What would you add?
- * What did you disagree with?
- * What are you going to take home and use?

The Red Cedar: Land Water & People Coming Together!

March 12, 2020

Hosted by:
Tainter Menomin Lakes Improvement
Association Inc.

TMLIA.org