More than a Paperweight

Developing an Actionable Lake Management Plan

WISCONSIN LAKES
PARTNERSHIP CONVENTION *March 31, 2016*

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Who We Are





General LMP Process

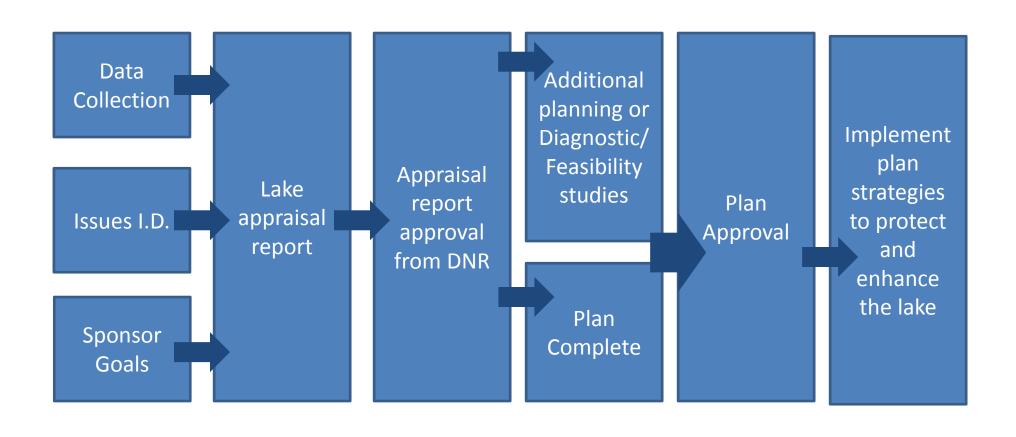
Diagnose the issues in the lake

Determine the type and scale of solutions on the land & lake to improve water quality

Implement sciencebased, scalable solutions

Communicate Progress Cultivate Partnerships

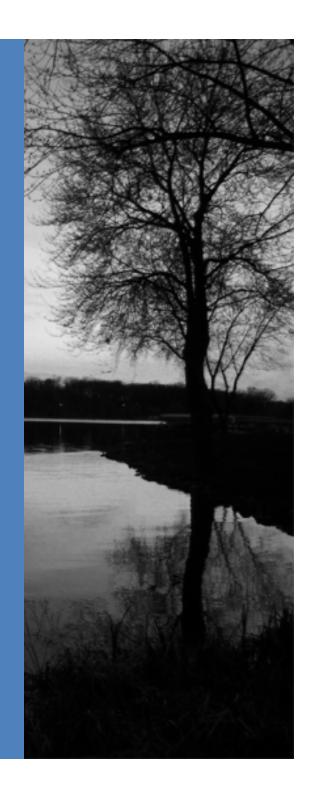
LMP Development Process







12 Tips for an Actionable LMP





Get the right people to the table.

Green Lake's LMP Team Members

State & Federal Agencies **County Agents** Green Lake LMP Team Local Nonprofit Municipal

Green Lake's LMP Team Members

STATE & FEDERAL AGENCIES

- Natural Resources Conservation Service (NRCS)
- Department of Natural Resources (DNR)
- U.S. Geological Survey

COUNTY AGENTS

- Green Lake County LC Dept.
- Fond du Lac County L&WC Dept.

Green Lake LMP Team

LOCAL NONPROFIT

- Green Lake Association
- Green Lake Conservancy

MUNICIPAL

- City of Green Lake
- City of Ripon



Get the right people to the table.

• Outside partners can be good, but they need to bring something to the team and be balanced by local partners.



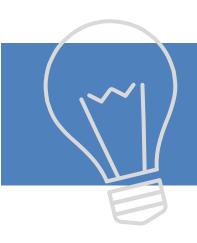
Communicate.

- Before, during and after. Repeat.
- Communicate in *multiple ways*, with *multiple partners*, to *various stakeholders*.



Acknowledge your challenges.

- Challenges acknowledged in LMP = Increased likelihood of grant funding.
- Don't forget to also acknowledge your *successes*!



Consider the future and its unknowns.

- Including, but not limited to:
 - Aquatic Invasive Species (AIS)
 - Climate change
 - Agency funding and morale



Do what is right, *then* figure out how to pay for it.



Is expertise available?

- Don't forget those who are connected to your lake! (You may need to hire a consultant for monitoring.)
- The bigger the company, the more the <u>plan</u> can be separated from the lake management <u>team</u>.
- Public advisory groups are good for input, but may be weak at identifying the real issues.

LMP Consultant: To Hire or Not to Hire?



Mark Sesing, Green Lake LMP Consultant



You do not have unlimited resources.



Treat the disease, not the symptoms.

...but balance research with shovel-ready projects.

Examples: Retentions ponds for phosphorus reduction and aquatic plant harvesting program.



<u>T</u>IP #9

Good information is a good investment.

...but balance **assessment** with **action** (research, water quality monitoring, etc.).



The LMP is a "living" document.

- The LMP is meant to be *flexible* and *evolving*.
- Don't get discouraged if it's not perfect.
- If you don't have what you need, it's not a problem.

Example: Green Lake LMP update schedule.



Keep an open mind.

- Avoid objectors, obstructionists and politics.
- Give people the space to think outside of the box.
- If you are the expert, do not take offense if your toes get stepped on.



Environmental problems are easy. It gets complicated when the solutions involve *people*.



I used to think the top environmental problems were biodiversity loss, ecosystem collapse and climate change.

I thought that with 30 years of good science we could address those problems.

But I was wrong.

The top environmental problems are selfishness, greed and apathy – and to deal with those we need a spiritual and cultural transformation.

And we scientists don't know how to do that.

Where to Find the Green Lake LMP



www.glakesd.com

Programs → Lake Management Plan



www.greenlakeassociation.com

What We Do → Lake Management



Questions & Discussion