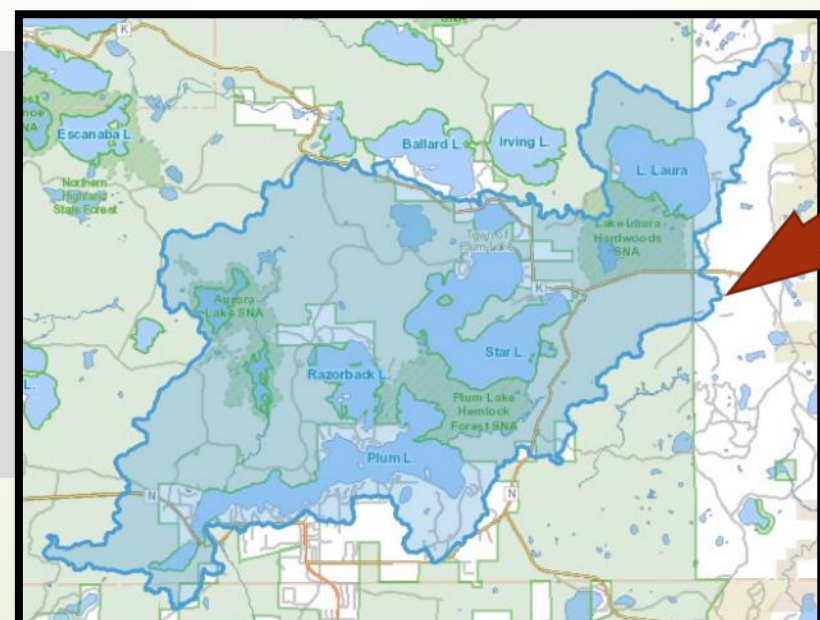
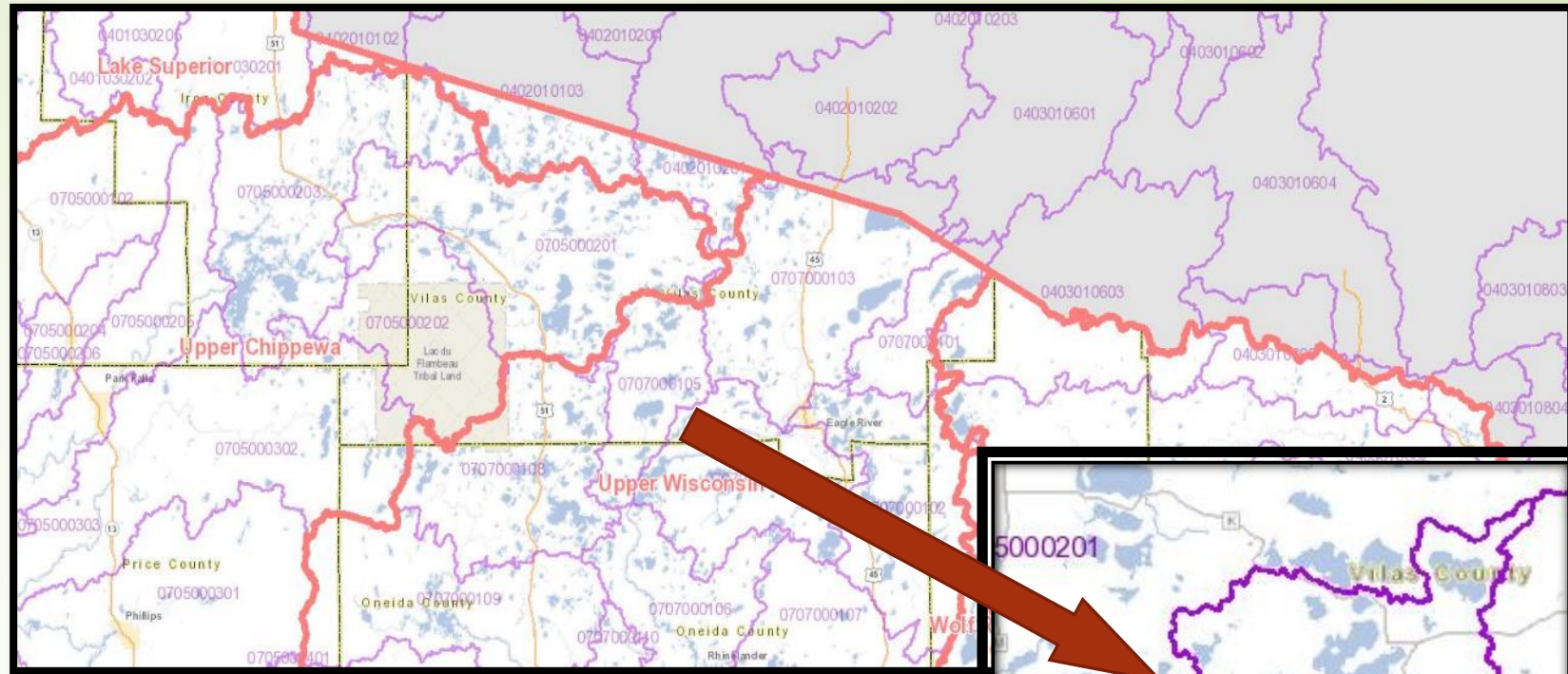




Making a More Functional Landscape

Carolyn Scholl, Vilas County Conservationist

Watersheds



Hydrologic Unit Codes (HUC)

Upper Wisconsin Basin – HUC 8

HUC 10

HUC 12



Watershed Management ...in Wisconsin

- 1) Water Quality Standards Set - Phosphorus, Nitrogen, etc
- 2) Monitoring – Data is gathered to discern if WQ standards are met
Baseline Water Quality, Current Lake Plans, Modeling
- 3) Special Assessments – “Zero in” on suspect waters and regions
- 4) **Work Planning** – Management Plans are created
- 5) **Plan Action & Project Implementation** - Management practices placed on the land
- 6) Evaluate – Effectiveness of practices

Work Planning

Work Planning –

Counties - Land & Water Resource Management Plans

Work Planning (including BMP's)

Counties, Contractors

9 Key Element Plans

Problem area identified

Modeling

BMP's selected to meet reductions

DNR

Total Maximum Daily Loads (TMDL's) for Larger Impaired waters



Plan Action & Project Implementation

Plan Action & Project Implementation -

Best Management Practices are placed on the land

Counties, Contractors, AND **Lake Organizations**

Best Management Practices (BMP'S)

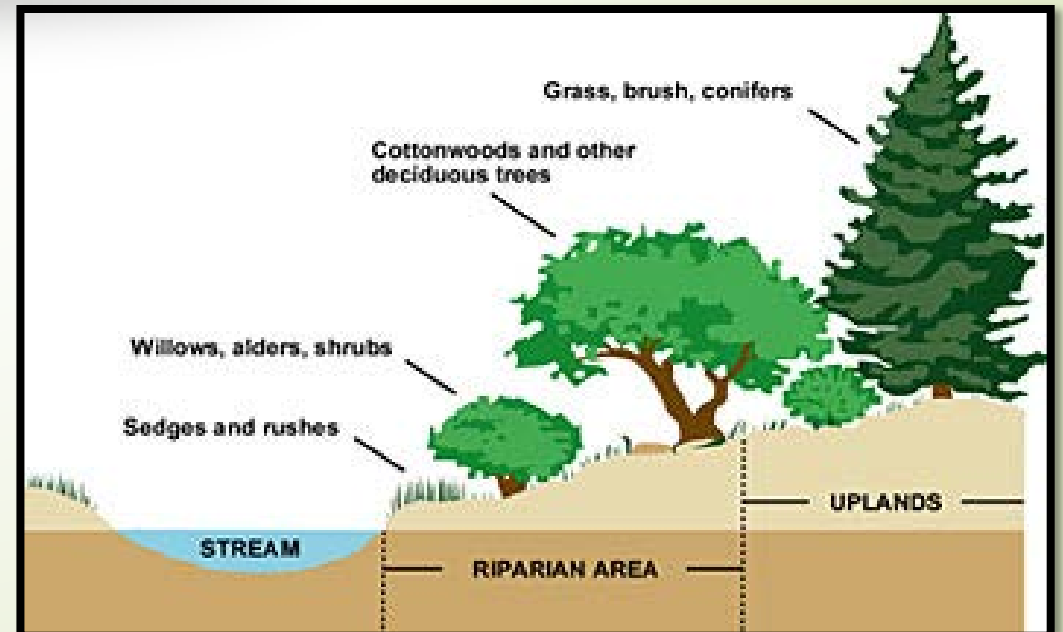
- ▶ Techniques considered to be the most effective and practical means of abating nonpoint sources of pollution to a level compatible with state standards



Financial Assistance

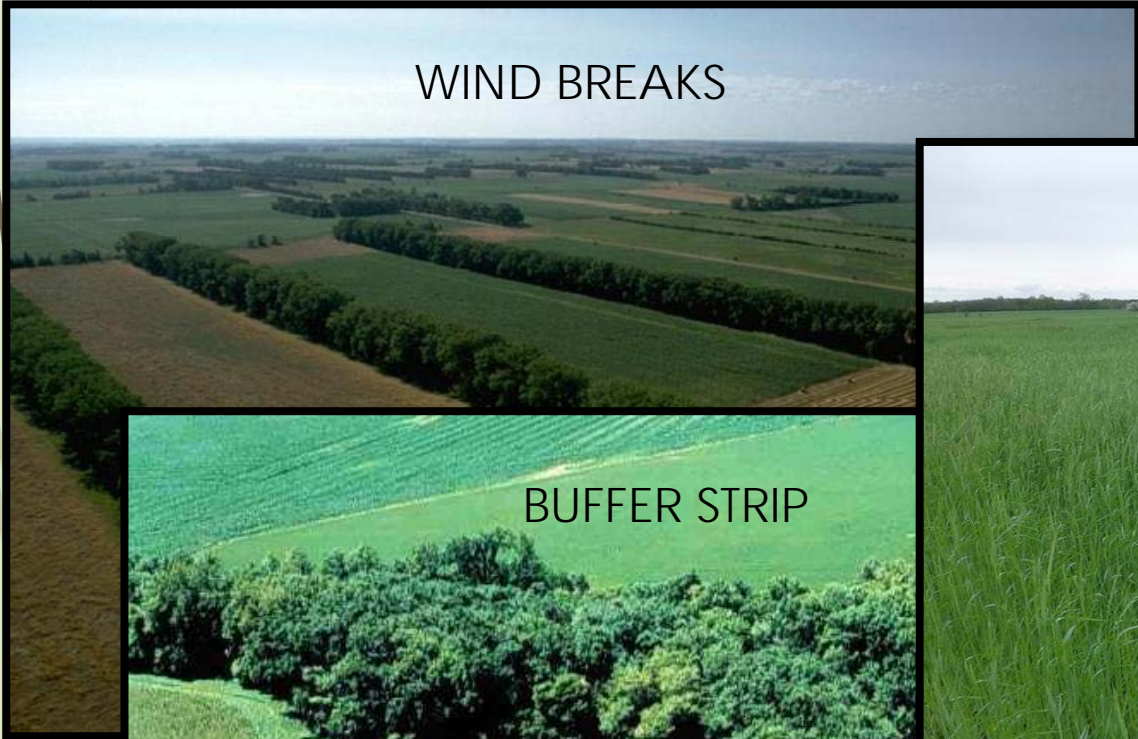


Best Management Practices

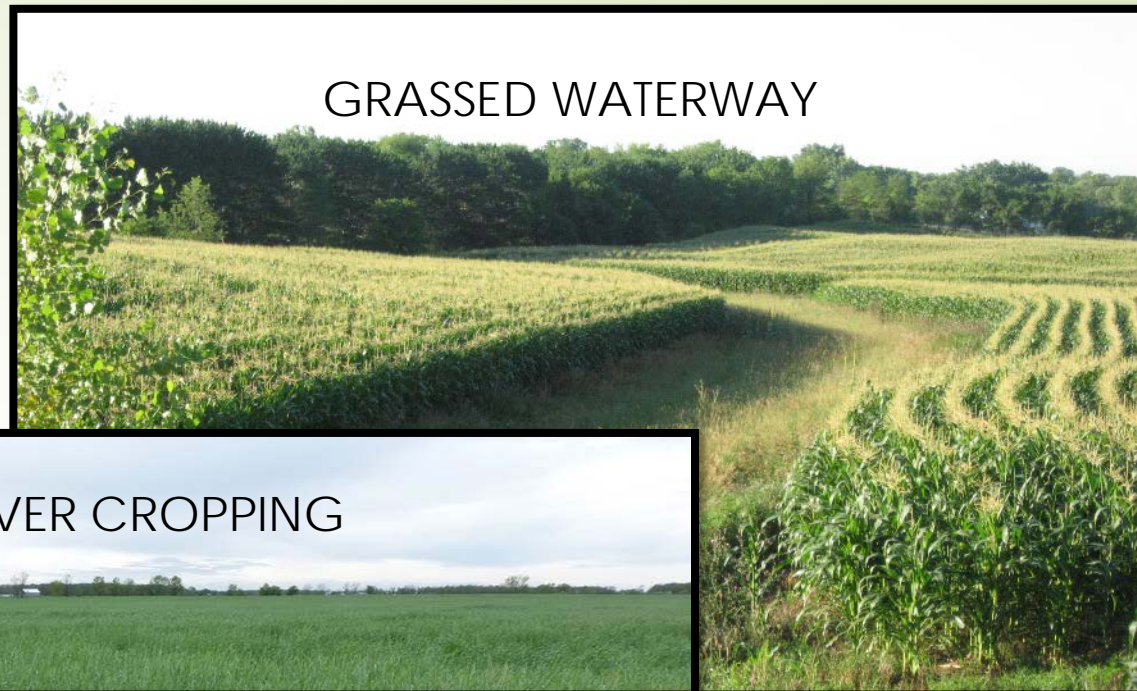


Agriculture BMP's

WIND BREAKS



GRASSED WATERWAY



COVER CROPPING



BUFFER STRIP



MANURE STORAGE



Riparian OR Shoreland BMP's

Why are buffers so important?

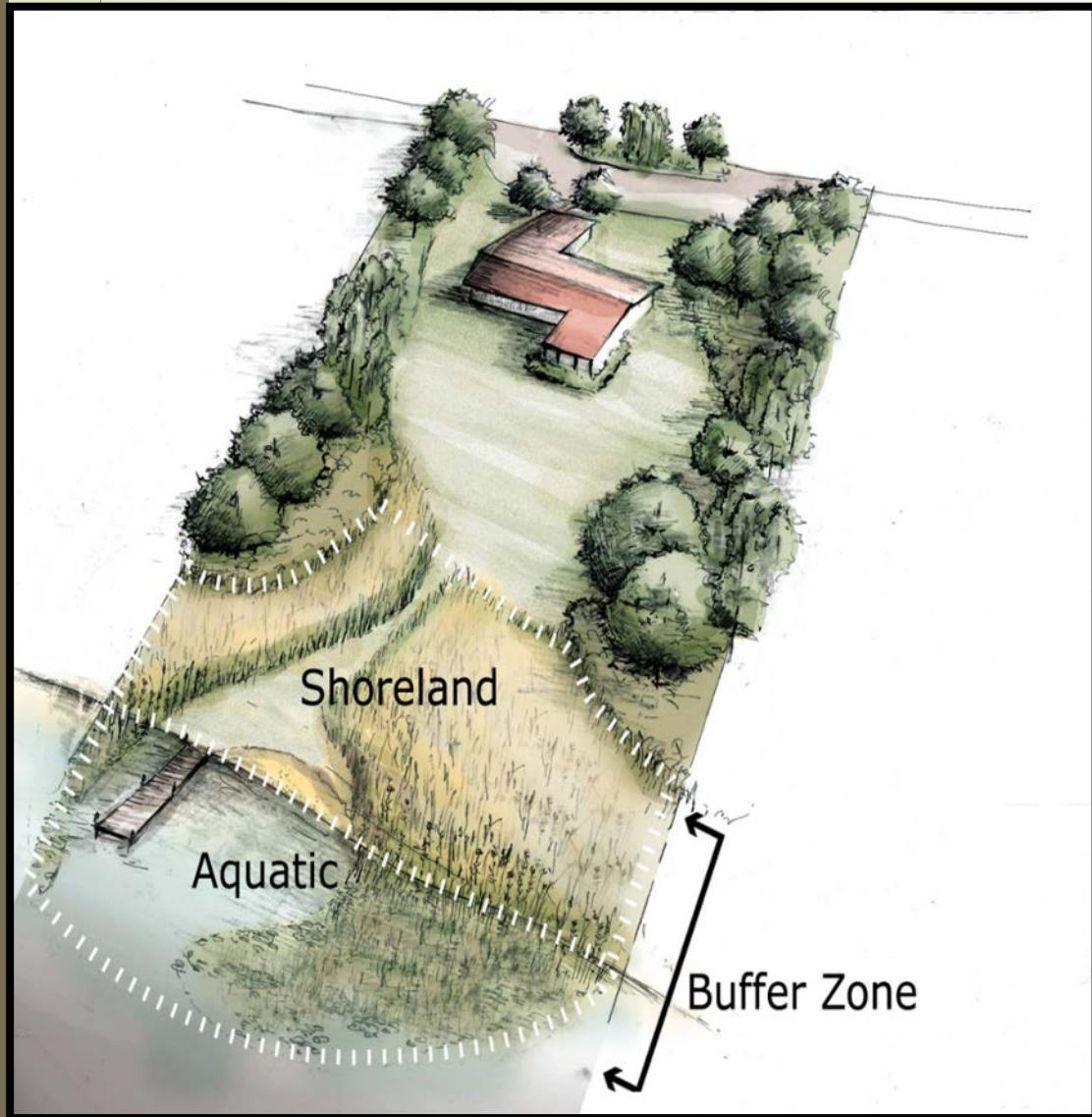
SOIL STABILIZATION

Decrease
EROSION

Decrease
NUTRIENT

Increase
DIVERSITY

Higher
WATER
QUALITY



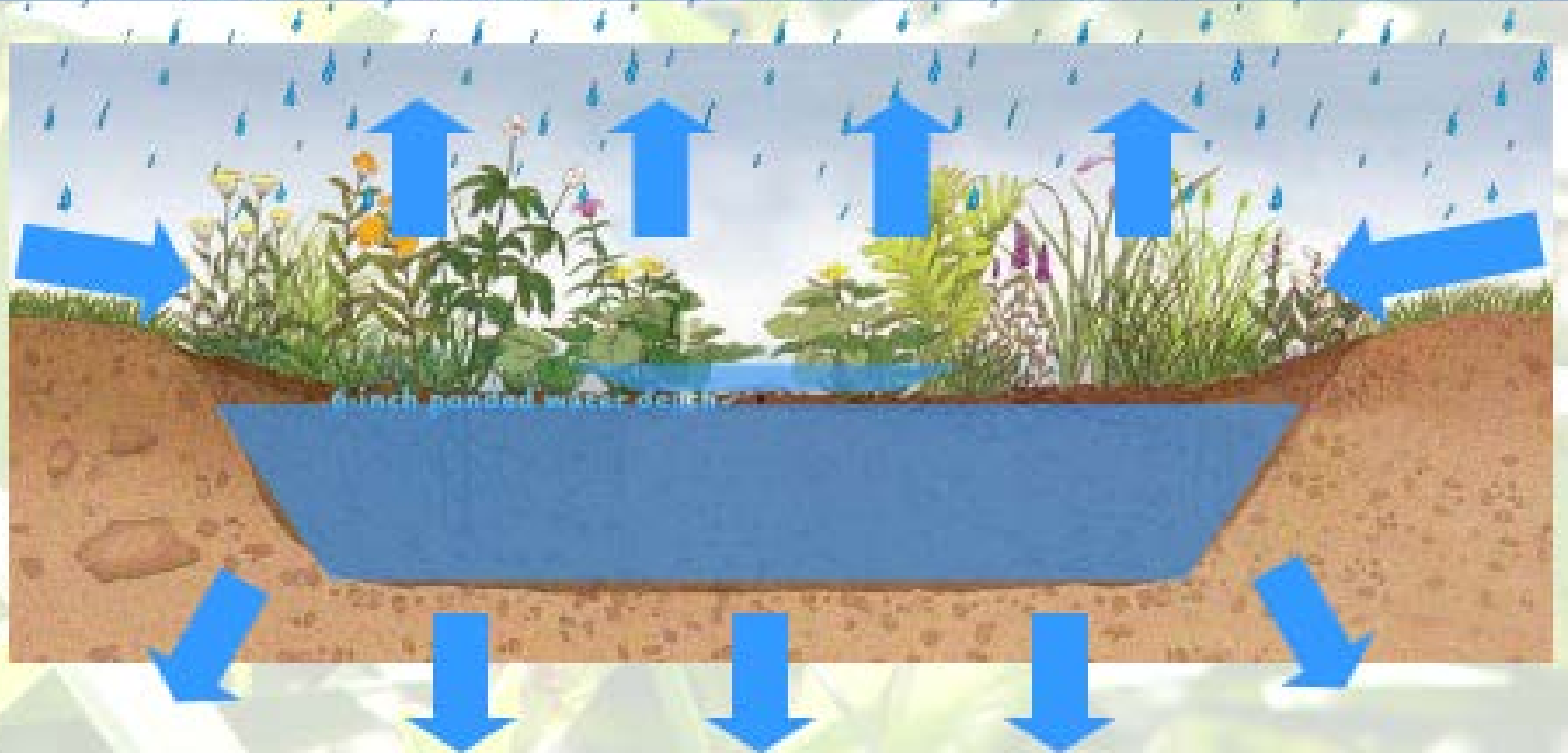
Riparian BMP 1

Native Plant Buffers

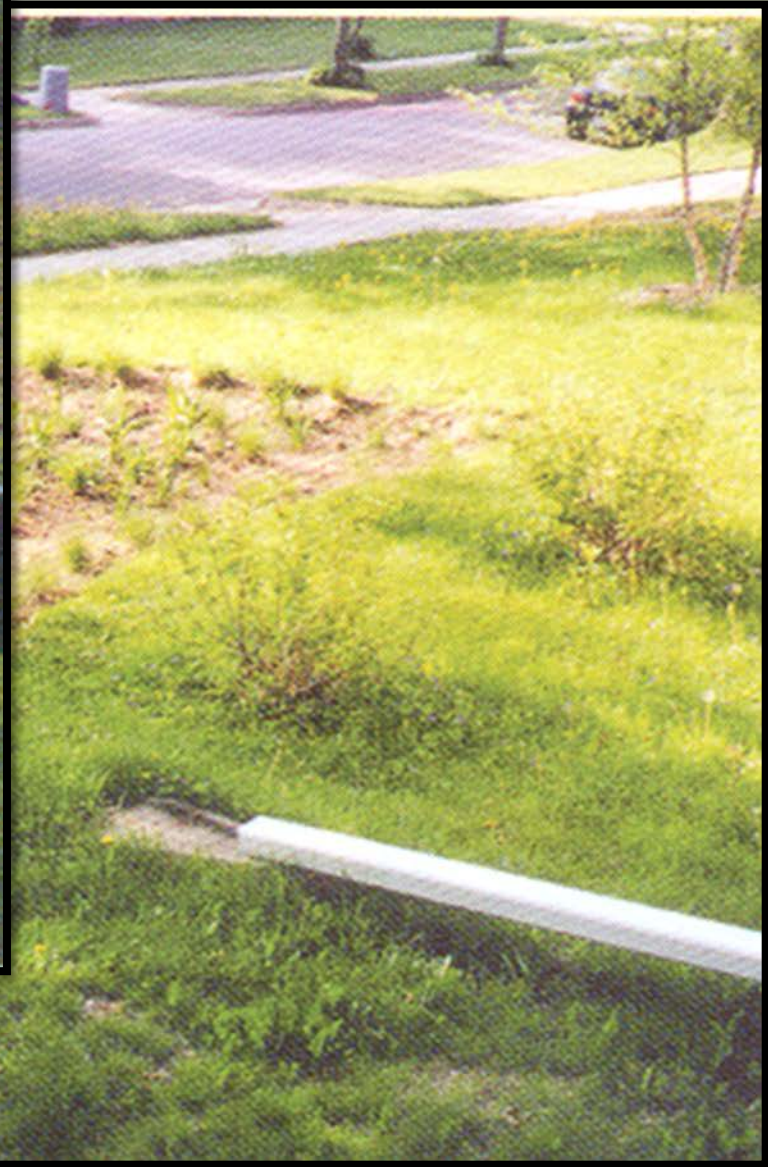


Riparian
BMP 2

Raingardens (Capturing Rainwater / Stormwater)



Just like a regular planting, but able to absorb
rainwater and breakdown pollutants.



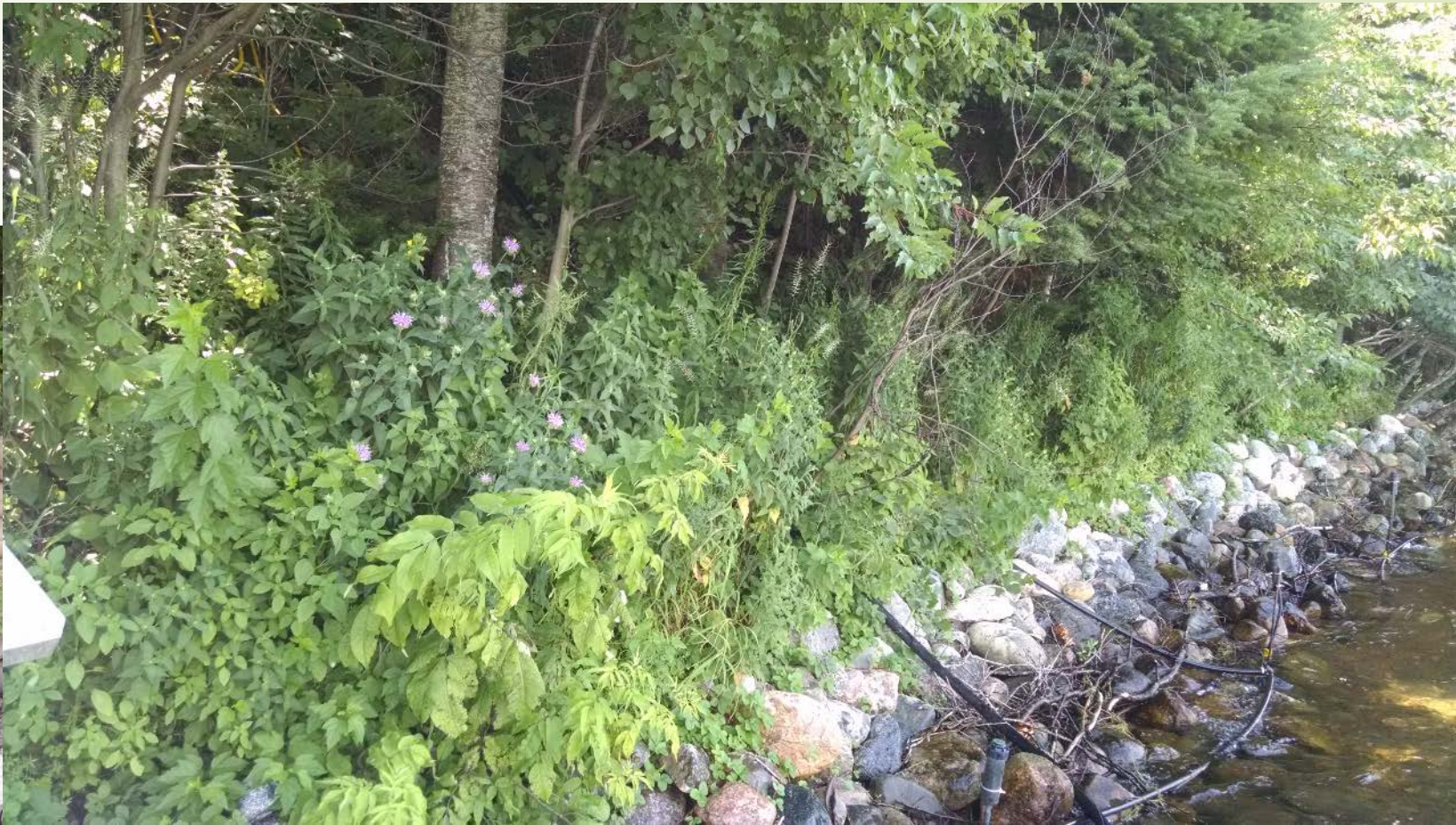
Riparian BMP 3

Water Diversion



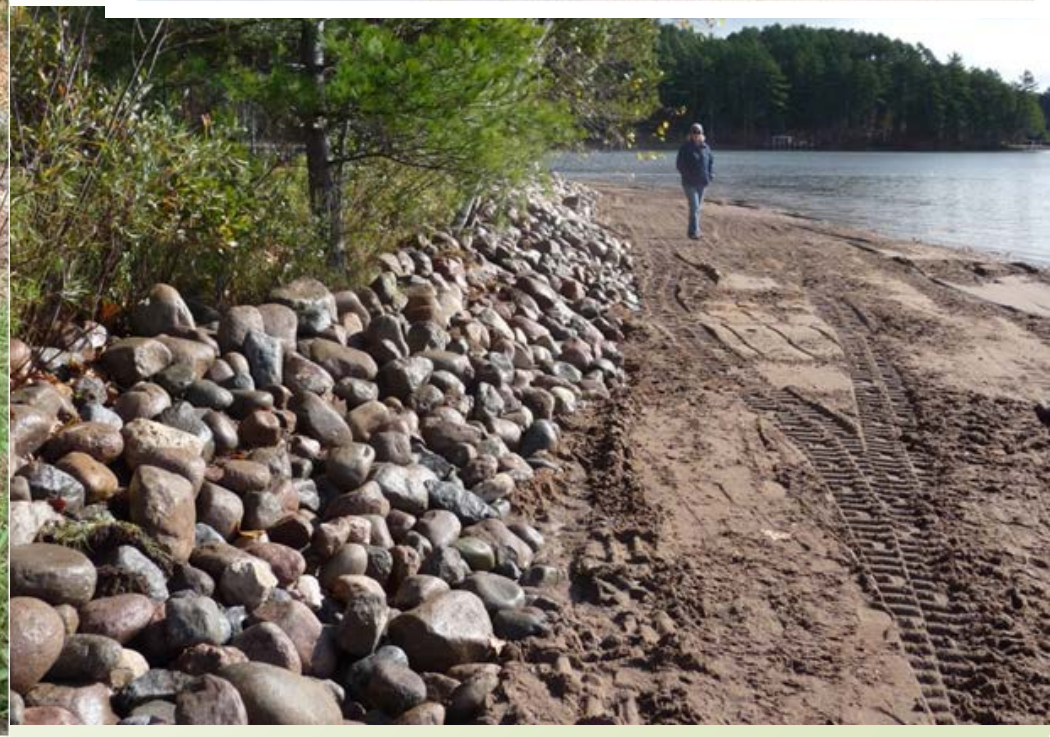
Riparian BMP 4

Bank Stabilization



Riparian BMP 5

Toe Protection





Financial & Technical Assistance

- ▶ County Land & Water Conservation Departments

 - STAFF EXPERTISE

 - COST-SHARING PROGRAMS

 - BEST KEPT SECRET

- ▶ Department of Natural Resources

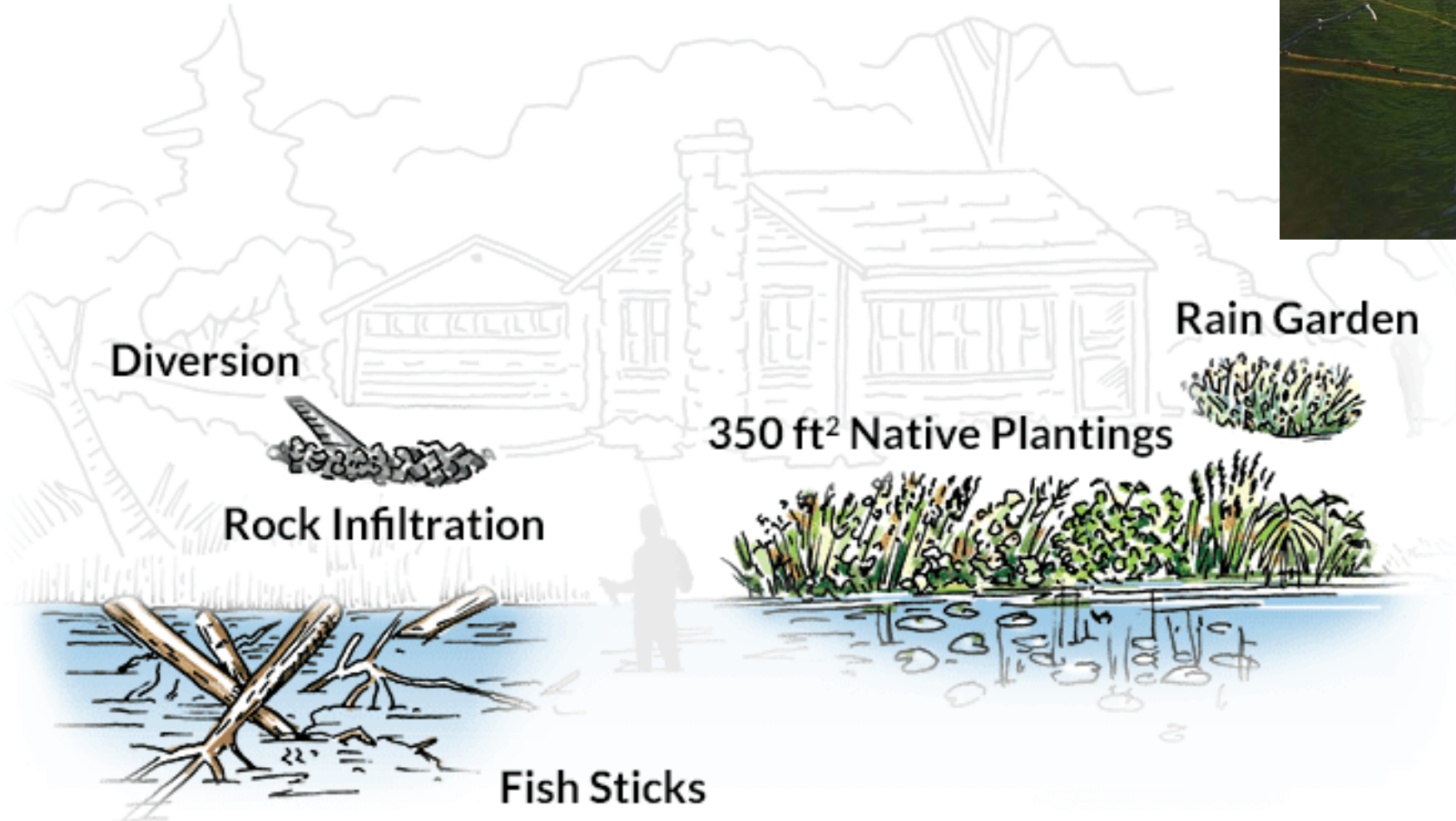
 - HEALTHY LAKES GRANTS

- ▶ Landscape Contractors

 - TECHNICAL EXPERTISE for Planning & Installation

Healthy Lakes Practices

<http://healthylakeswi.com/best-practices>





Questions?

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