

“Healthy Shorelines for Animals, Plants and People”



June 24th and 25th 2020

Project Overview;
Reasons and Benefits
for Restoration

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WHY ?

- Shorelines have a special, very important role in our ecosystem!
 - Transition zone
 - Area of high biodiversity
 - Filter and buffer function for water body





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Grant application

“ A Targeted Approach to Lake Shore Restoration”

Oneida County Land & Water Conservation Dept. received a DNR Lake Protection Grant in 2020

Partner Organizations:

Three Lakes Waterfront Association TLWA

Tomahawk Lake Association TLA

Pelican Lake Property Owners Association PLPOA



Goals:

- Assess shorelines or collect data from already assessed shorelines
 - Identify priority areas for shoreline improvement
 - Promote County Cost Share and Healthy Lakes & Rivers Programs
 - Install practices onto landscape
-
- Grant was intended for a 2 year project, due to pandemic, an extension is likely to be needed.



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- Project open to additional lake associations and private, non - associated waterfront property owners

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All are



Funding support available through:

- County Cost Share - State funds; up to 50% or \$8000 whichever is less



- Healthy Lakes & Rivers Program
 - Wisconsin DNR



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See Michele Sadauskas presentation



- Healthy Lakes & Rivers Program
 - Wisconsin DNR

See Pat Goggins presentation



Reasons for restoration:

Modern human development has destabilized shoreline ecosystem functions



Main goals for restoration:

- **Protect water quality**



Main goals for restoration:

- **Conserve soil resources**
 - prevent erosion
 - stabilize shoreline
 - natural flood prevention



Supporting actions:

Building healthy habitat

Storm water filtration and diversion



Before



After

Supporting action:

Build healthy habitat



Supporting action:

Build healthy habitat

Native plantings stabilize shorelines with deep roots and increase biodiversity



How a rain garden functions

Native Plants

Native plants are adapted to local conditions and are easy to maintain once established. Plus they attract birds, butterflies and other pollinators.

Gutters & Down Spouts

Assist with directing rain water from your roof to your rain garden.

Berm

A berm holds water in the garden during heavy rains.



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Benefits of restored shorelines

For humans:

- Less maintenance
- No mow buffer zones
- Less attractive to geese
- Increase of property value



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For Nature:

- Less fertilizer and pesticide applied
- More habitat on land and in water
- Better water quality
- Stable soil



Let's restore

