

# Indiana Wetlands

Health and Restoration



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# Keeping Wetlands Healthy

## Monitor and Control Invasive Species

- Reed Canary Grass
- Purple loosestrife
- Phragmites
- Cattails

## Reed Canary Grass



## Reed Canary Grass



## Phragmites / Common Reed



## Phragmites / Common Reed



## Cattails





## Cattails



## Purple Loosestrife



## Invasives Continued....

- Autumn Olive
- Honeysuckle
- Garlic Mustard
- Glossy Buckthorn
- Callery Pear
- Canada Thistle

## Autumn Olive



## Asian Bush Honeysuckle





## Canada Thistle



# Healthy Wetlands: What can you do?

- Create native buffers around wetlands
  - Native Grass and Pollinator Plantings – Filter Strips
  - An area of vegetation intended to slow water runoff and filter out sediment, fertilizers, pesticides, and other pollutants
- Avoid pollution when possible
  - Agriculture runoff, fertilizer, chemical
  - Used waste
- Promote Wetland Restoration in previously drained wetlands



## Wetland Restoration Projects

- Landowner Contacts
- Site visit and evaluation
- Site survey and design
  - Make sure it's possible
- Does the site impact the neighbors?
- Funding, cost-share and partnerships
- Completion







- Site Survey
- Tile search and removal
- Small earthen berm
- Emergency spillway and overflow pipe
- Rock installation on the berm face

**DNR**



**DNR**







- Site survey
- Tile search and removal (x2)
- Small earthen berm
- Overflow pipe and tie in with existing tile
- Rock installation at overflow pipe

# Project Overview:

Restored about 3 acres of previously drained wetlands

Reduce erosion

Filters water and sediment

Wetland habitat for numerous migratory bird species

Quick and inexpensive

Project Partners:

USFWS, Ducks Unlimited, Indiana DNR, Landowner

















# Project Overview:

Restored about 16 acres of previously drained wetlands  
Wetland habitat for numerous migratory bird species  
Lake Erie, Maumee River Watershed  
Filter water, sediment and help with erosion concerns

Project Partners:

USFWS, Ducks Unlimited, Indiana DNR, Landowner

# Questions?

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