

# The Clean Lakes Program



Red Haw Lake (Lucas County)

## Section 314 of the Clean Water Act





# Lakes - Nationwide in Distribution



- Are reflections of watersheds
- Are important to people



# Why Do The Partners Care?

Lakes are valuable public assets:

- Support over 304 million fishing days per year
- Annual angler expenditures of over \$17.2 billion
- Host many other recreational activities
- Often serve as public water supplies



# Iowa Use and Economic Benefits

- Six of ten Iowans visit lakes each year
- They average over eight visits per year
- Statewide our lakes generate \$1.9 billion in annual spending by Iowans





# **The Problem:**

**40% of our nations lakes are impaired**

**Causes of impairment include:**

**Siltation**

**Poor Water Quality**

**Invasive species**

**Water level manipulation**

**Contaminates**



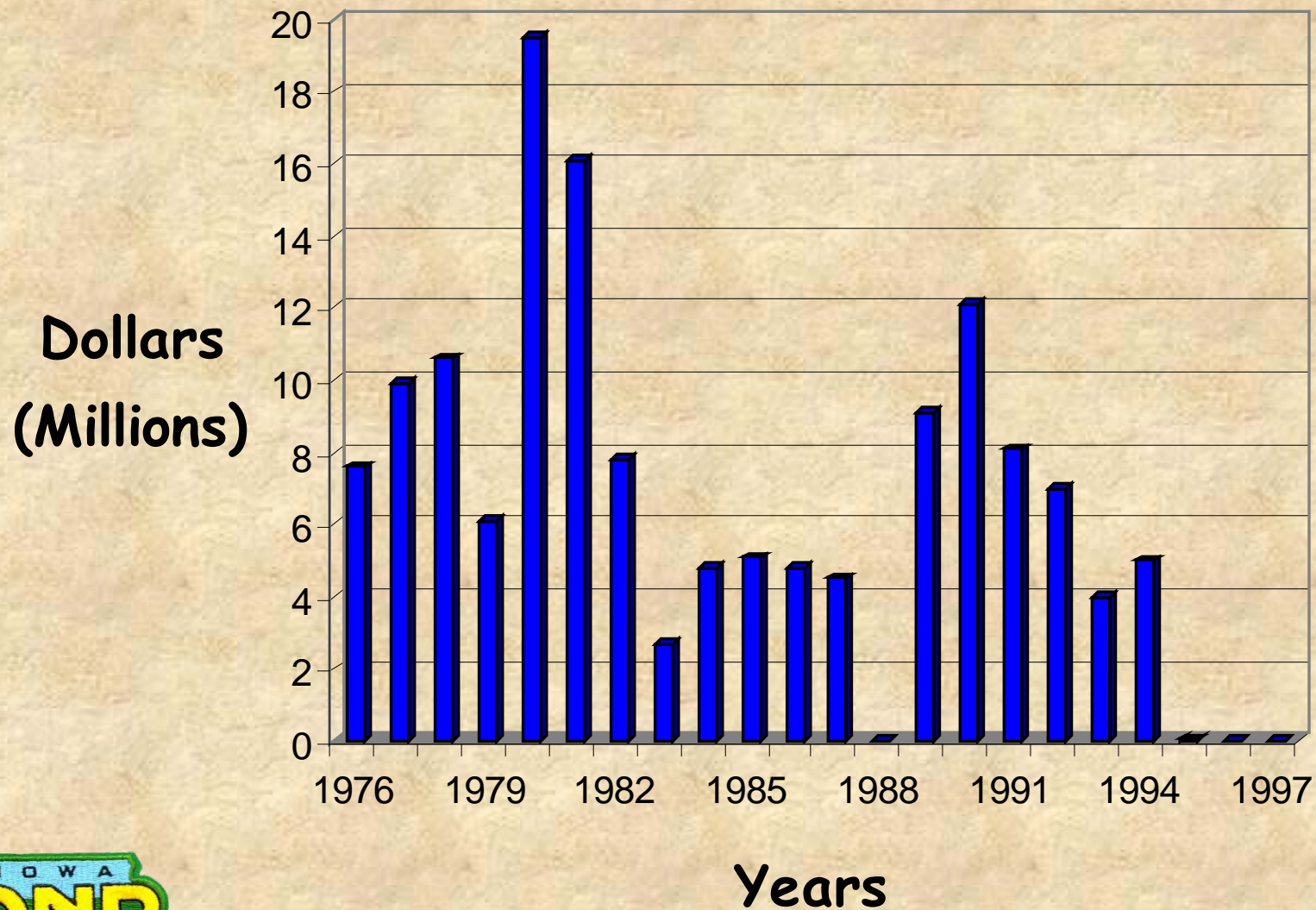
**A strong Clean Lakes Program could effectively target the special needs of our valuable lakes**

# **Success of Section 314 Program**

- **Established in 1972 as part of the Federal Water Pollution Control Act**
- **Provided financial and technical assistance to States in restoring publicly-owned lakes.**
- **From 1976 to 1994 grants totaled \$145 million**
- **Grants and partnerships accomplished**
  - **Statewide lake and watershed assessments**
  - **Diagnostic and feasibility studies**
  - **Lake and watershed restoration**
  - **Post restoration monitoring**



# Funding History – Section 314 Clean Lakes Program





# Section 319

- **Section 319 established as part of the 1987 CWA to address nonpoint source efforts**
- **Funded at \$200 million per year**
- **EPA encourages states to use up to 5% Section 319 funds for lake restoration**
- **Total Iowa 319 funding is \$4.4 million per year**
- **Meeting “swimmable and fishable goals” of the CWA will take more adequate funding**





# **314 Framework Still Relevant**

## **Watershed-based Approach to Lake Management**



**Assessment**



**Lake improvement  
starts in the watershed**



**In-lake work such as  
shoreline protection**



**Before**



**After**

**Wetland improvement/construction is often a part of  
comprehensive lake restoration**

# **Building Support for the Clean Lakes Program**

- **Inform key people of issues impacting lakes/reservoirs**
- **Document local/state dollars going toward lake protection and improvement efforts (potential 314 match)**
- **Convey differences and importance of Section 314 and 319 programs**



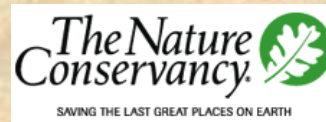
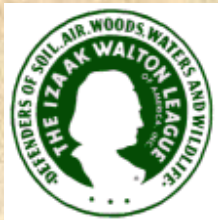


# Next Steps:

- Legislative leadership
- Fish Habitat Partnership (FHP) and 314
- Build and strengthen partnerships  
(e.g. AFS and NALMS)
- Further develop  
relationship with EPA



# Potential Partners



**State Fishery Departments**  
**State Departments of Environmental Protection**  
**Fish Habitat Partnerships**



**For more information...**

**[www.iowadnr.gov/water/lakerestoration/](http://www.iowadnr.gov/water/lakerestoration/)**

**Mike McGhee      515-281-6281**  
**[mike.mcghee@dnr.iowa.gov](mailto:mike.mcghee@dnr.iowa.gov)**

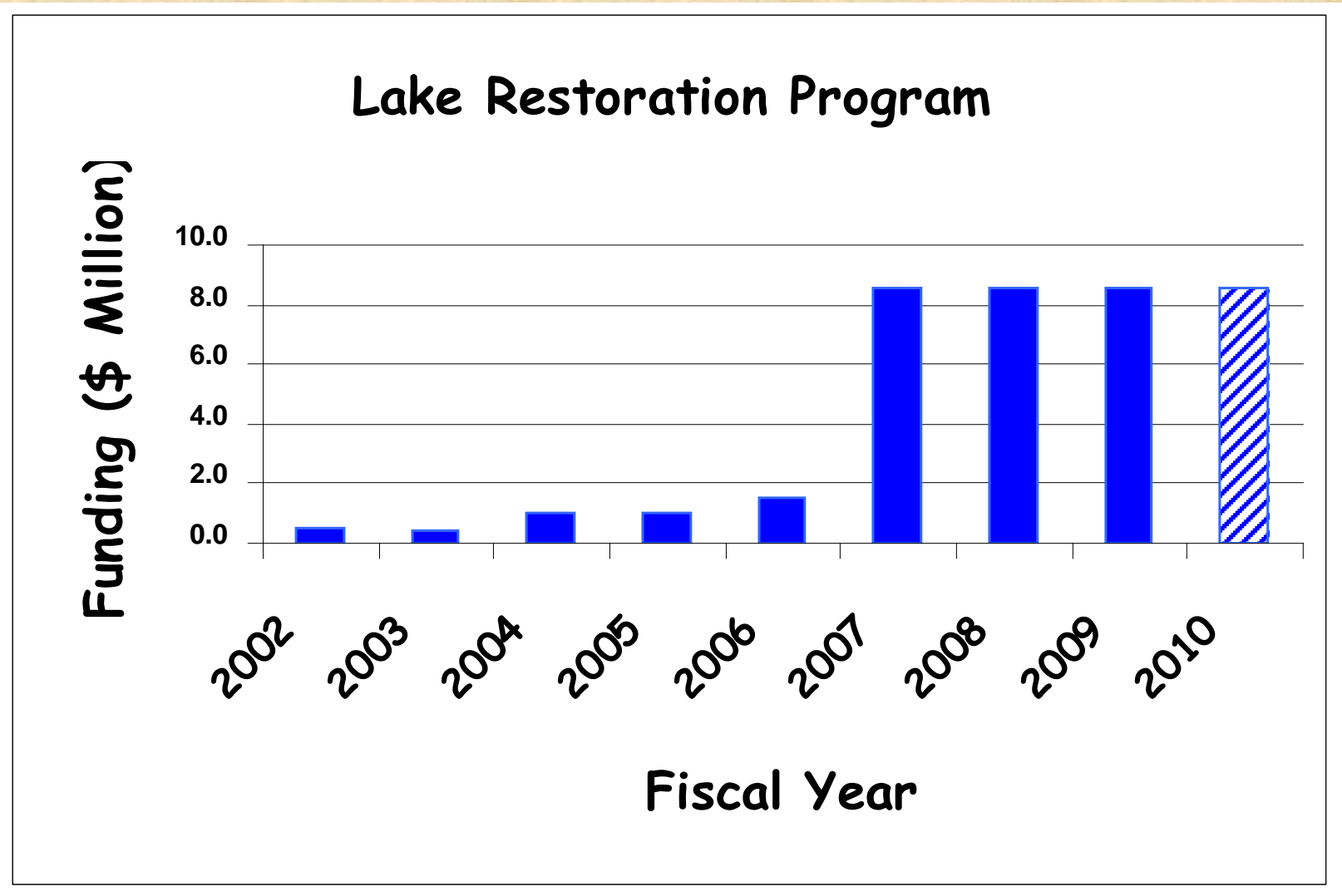
**George Antoniou      515-281-8042**  
**[george.antoniou@dnr.iowa.gov](mailto:george.antoniou@dnr.iowa.gov)**



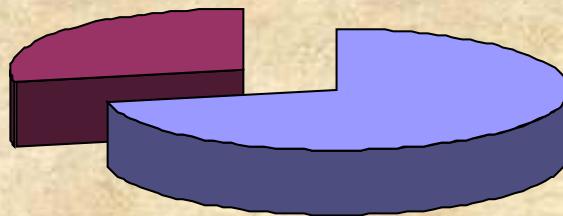




# Lake Restoration – Iowa State Funding



# Restoring Iowa's 35 High Priority Lakes



**Watershed**  
**\$75,000,000**

**In-Lake**  
**\$190,000,000**

