

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



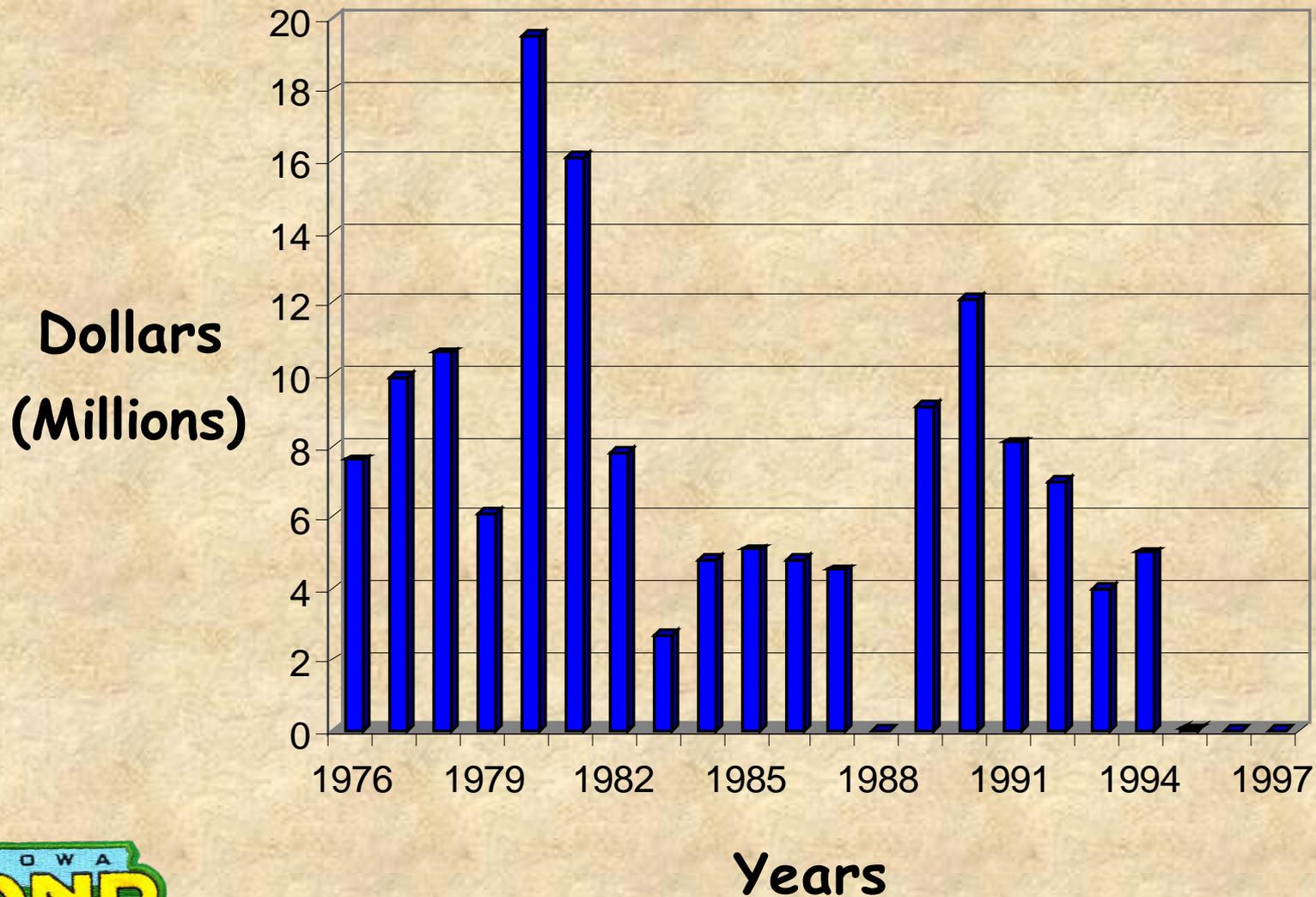
A strong Clean Lakes Program could effectively target the special needs of our valuable lakes

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



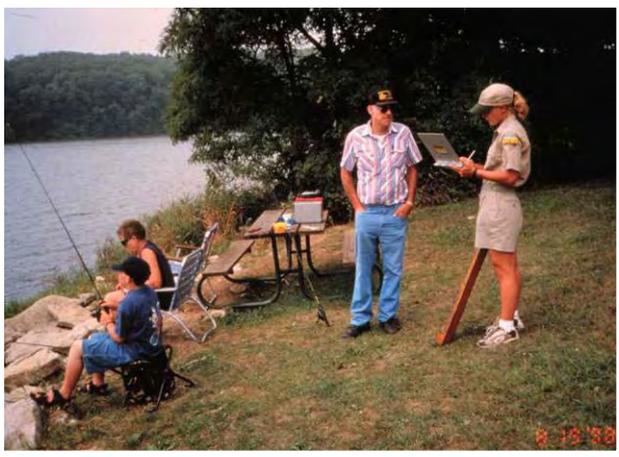
Section 319

- **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**

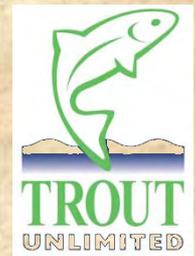


Next Steps:

- **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/

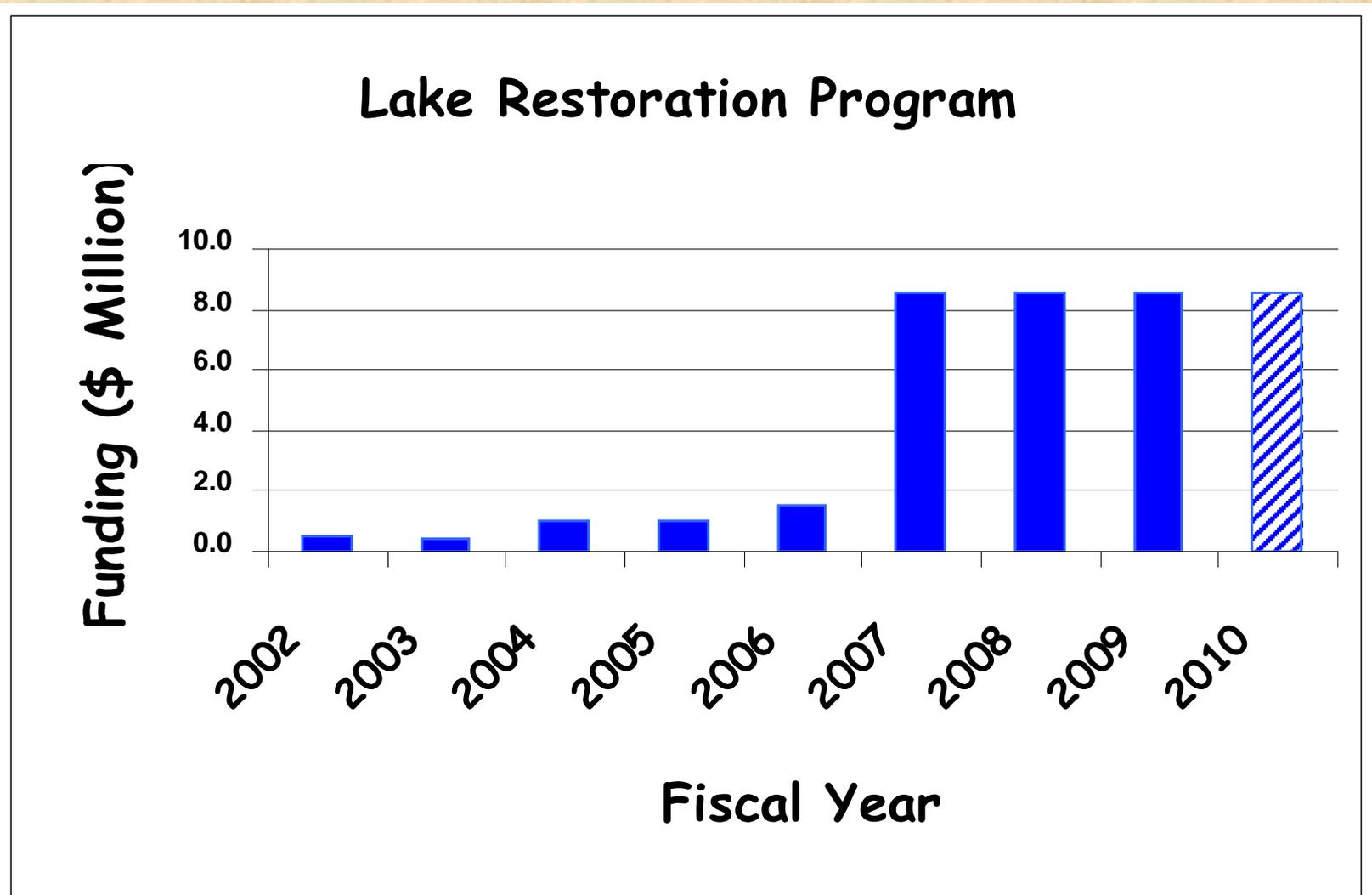
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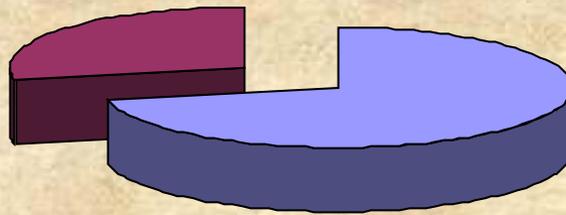




Lake Restoration - Iowa State Funding



Restoring Iowa's 35 High Priority Lakes



Watershed
\$75,000,000

In-Lake
\$190,000,000

