

# The Great Lakes Legacy Act

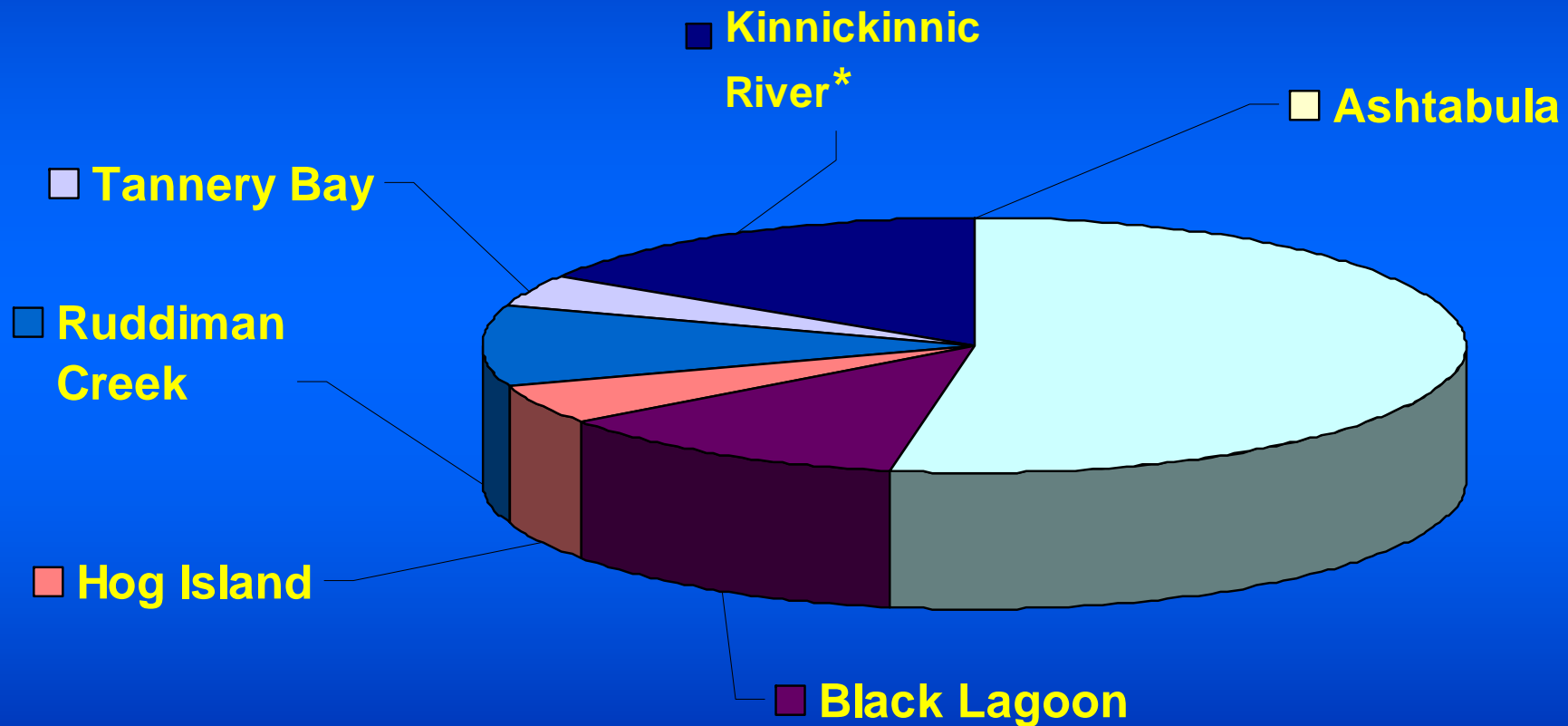
Marc Tuchman  
U.S. EPA

Great Lakes National Program  
Office





# GLLA Remediation to date:



**960,000 cubic yards remediated**



## GLLA Clean-Up Costs To Date

**8 clean-ups complete or underway:**

Total cost: \$196 Million

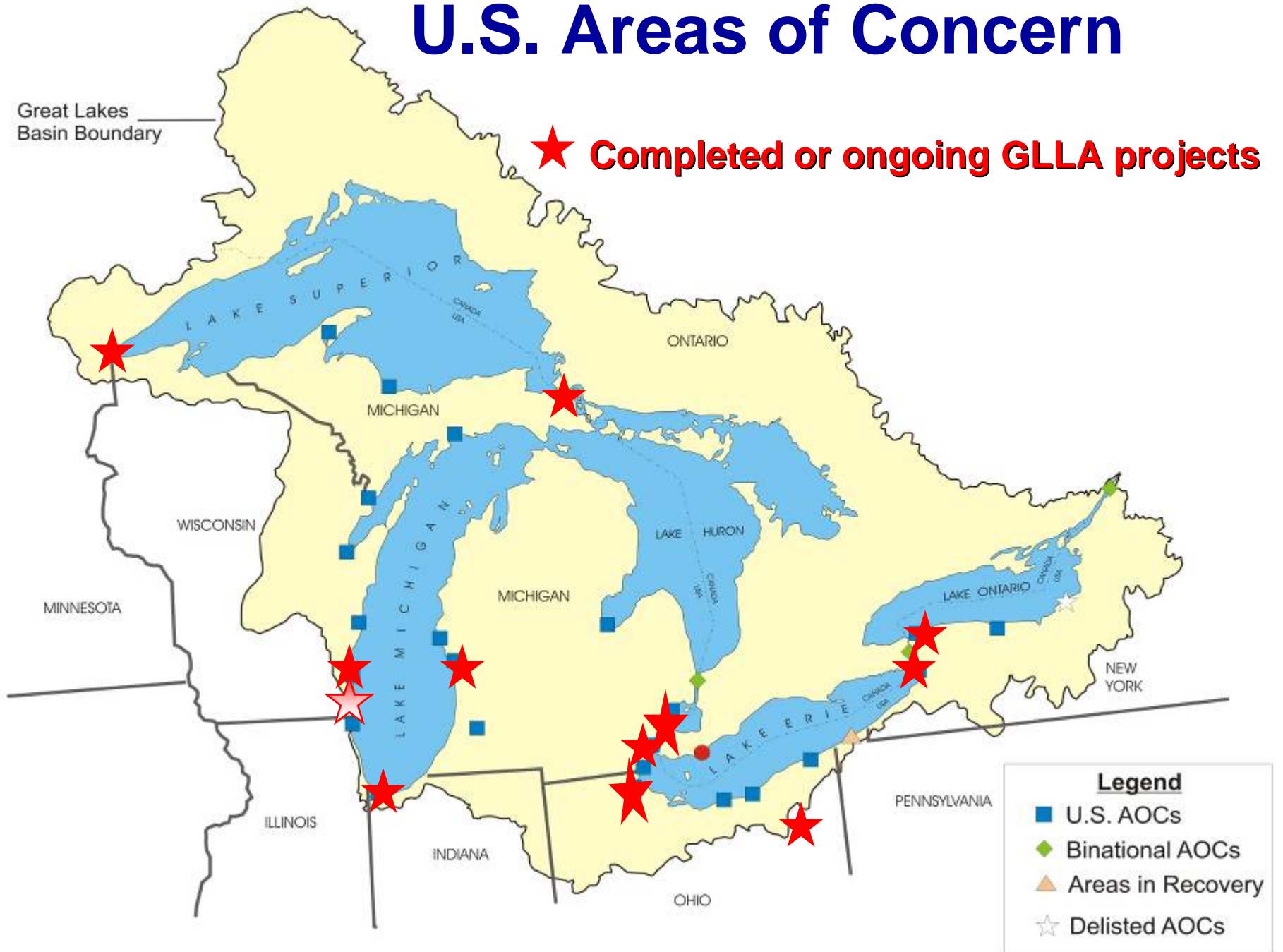
\$111 Million GLLA

\$85 Million non-federal match

# U.S. Areas of Concern

Great Lakes  
Basin Boundary

★ Completed or ongoing GLLA projects





# 100% Site Characterization

“The Administrator, ... shall carry out at federal expense the site characterization of a project for the remediation of contaminated sediment.”

- one site assessment per discrete site
- Not more than 20% of the appropriated funds

⇒ **Ultimate goal is a complete site characterization that can inform remedial actions**



## GLLA Remediation Projects for 2009

- Projects underway:
  - Kinnickinnic River, Milwaukee Estuary, WI
    - ◆ Non-fed sponsor: WDNR
  - Ottawa River, Maumee River AOC, Ohio
    - ◆ Non-fed sponsor: Ottawa River Group
  - West Branch Grand Calumet River, Indiana
    - ◆ Non fed sponsor: IDEM, IDNR—NRD Settlement Money



## The Reauthorized GLLA (2009-2010)

- Level Funding of \$54M/year for 2 years
- 100% federal site characterization
- Habitat Restoration in conjunction with sediment remediation
- Identify PRPs as potential remediation project partners



# Site Characterization Approach

- Intent is to use a phased approach:
  - Recognizes we do not know everything up front: iterative process
  - May have to sample a number of times at each site
  - Consistent with good engineering practices
    - ◆ Collect only information that is needed



# 100% site characterization

## Underway

- Lincoln Park – Milwaukee WI
- River Raisin – Monroe MI
- 18-mile Creek – Lockport to Olcott NY
- Rouge River – Detroit MI



# Habitat Restoration

- GLLRA allows for Habitat Restoration in conjunction with sediment remediation
- Being considered at:
  - Buffalo River
  - Muskegon Lake
  - Raisin River



# Industry Participation in GLLA Projects



# Industry involvement in GLLA

## Industry Partners on GLLA projects

- Phelps Dodge Corp. – Tannery Bay MI (\$2.6 M)
- Ashtabula River Cooperation Group II (~12 industries) – Ashtabula OH (\$23 M)
- Ottawa River Partnership (7 industries and the City of Toledo) – Toledo OH (\$21.5 M)
- Honeywell Corporation – Buffalo NY

## Proposed Projects

- XIK Corporation – St Louis River - Duluth MN
- Consumers Energy - St. Marys River Former MGP site – Sault Ste. Marie MI



## Source of non-federal cost share for GLLA remediation projects

States and local govt.	Industries	Natural Resources Damage settlement
\$25.9 M	\$47.1 M	\$11.6 M



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# Natural Resources Damages Funds

The goal is to restore natural resources injured by contamination

- Associated with Superfund Sites
- Collected from PRPs after an assessment of damages is concluded

⇒ Can be used as non-federal matching funds for GLLA remediation projects

⇒ Grand Calumet River – West Branch (\$11.6 M)