

# PRIORITIES/NEEDS - MANAGING WATER RESOURCES IN THE GREAT LAKES BASIN

February 10, 2003

## Protect Water Quantity

- Define Resource (groundwater and surface water)
- Define Uses (Consumptive and non-consumptive)
- Define Users (environmental/recreation/economic/agriculture...)
- Allocations
- Balancing Water
- Who will manage water resources (decision making authorities)
- Emergency management
- Prioritize use
- Export/transfer
- Import
- Recycling
- Upgrade infrastructure
- Future demand
- Education

## Protecting Water Quality

- Ecological resources
- Stormwater management
- Upgrading infrastructure
- Define users
- Define resources
- Define uses
- Who is regulating (what standards apply and how are they applied)
- Well abandonment
- Non-point source pollution
- Recycling/conservation
- Wastewater management
- Establishing current water quality
- Education
- Home land security issues
- Land use
- Balanced uses

## **Land Use Impacts/Sustainable Planning**

- Stormwater Management
- Erosion and Sedimentation control
- Protecting groundwater supplies
- BMPs in agriculture
- Wellhead protection
- Correlating with regional and municipal planning
- Education
- Unique Shoreline Issues (????)
  - Public access
  - Bluff recession
  - Floodplain management
  - Littoral drift

## **Collaborate, Coordinate and be Cognizant with Great Lakes Basin**

- Regional planning
- Regional dialogue
- Education

## **Communicating with the Public**

- Protect key ecological resources
- Minimum and maximum use of the basin
- Water Quality
- ID problem areas
- Defining water sources
- Transfer of water outside the Great Lakes basin
- Define who will manage the resources
- How to handle water allocations in emergency situations
- Water Allocation
- Common sense issues management-find the common ground
- Balancing uses
- Consumption issues
- Economic growth while still balancing the environmental issues
- Upgrade older infrastructure
- Stormwater Management
- Erosion and Sedimentation control
- Protecting groundwater supplies quality/quantity/zoning
- Recycling
- Encouraging wise ag practices (BMPs)
- Understanding and integrating Regional planning for Lake Erie and Great Lakes
- Communication mechanism to public info out and info in
- Education
- Establishing use priorities
- Balancing and protecting recreational use
- Land use as it impacts the resources