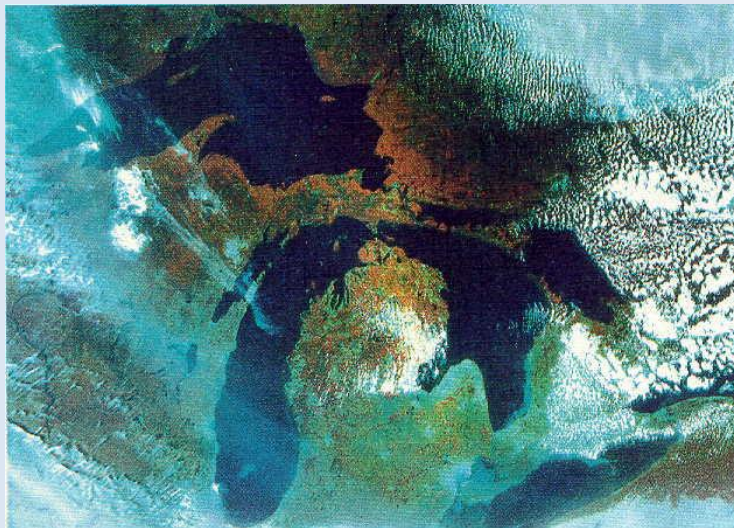




Water: A Michigan Priority



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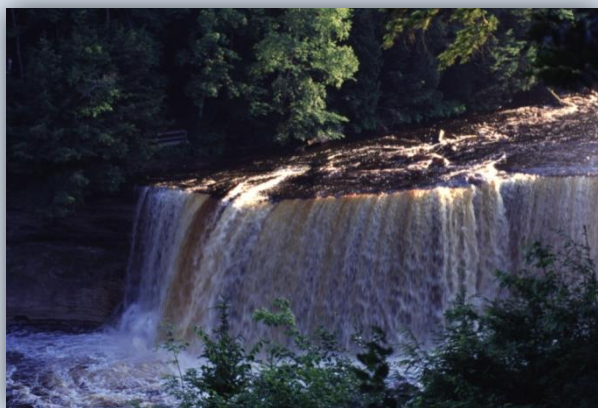
Water: A Michigan Priority

4 Great Lakes

- 20% of the world's freshwater
- 90% of the nation's freshwater

11,000 inland lakes, 36,000 river miles

5 million acres of wetlands





Water: A Michigan Priority

With opportunities come challenges

- Water Quality, Water Use and Invasive Species Initiative
 - Addresses immediate needs
 - Provides a foundation for the Water Strategy
- Water Strategy
 - 30-year vision
 - Long term strategies



Water: A Michigan Priority

- Water Quality
- Water Use
- Aquatic Invasive Species





Initiative Outcomes

- Manage Michigan's water resources while growing our economy
- Improve water quality to support recreational and commercial uses
- Protect public health for current and future generations





Water Resources

Manage Michigan's water resources while growing our economy.

- Maintain state management of our resources
- Implement Wetlands program and PA 98 of 2013
- Continue agricultural wetlands outreach





Water Quality

Improve Michigan's water quality to support recreational and commercial uses

- Address significant increase in wet weather events and storm intensity
- Address raw sewage discharges
- Support a mobile and efficient workforce



Water Quality

Protect public health for current and future generations

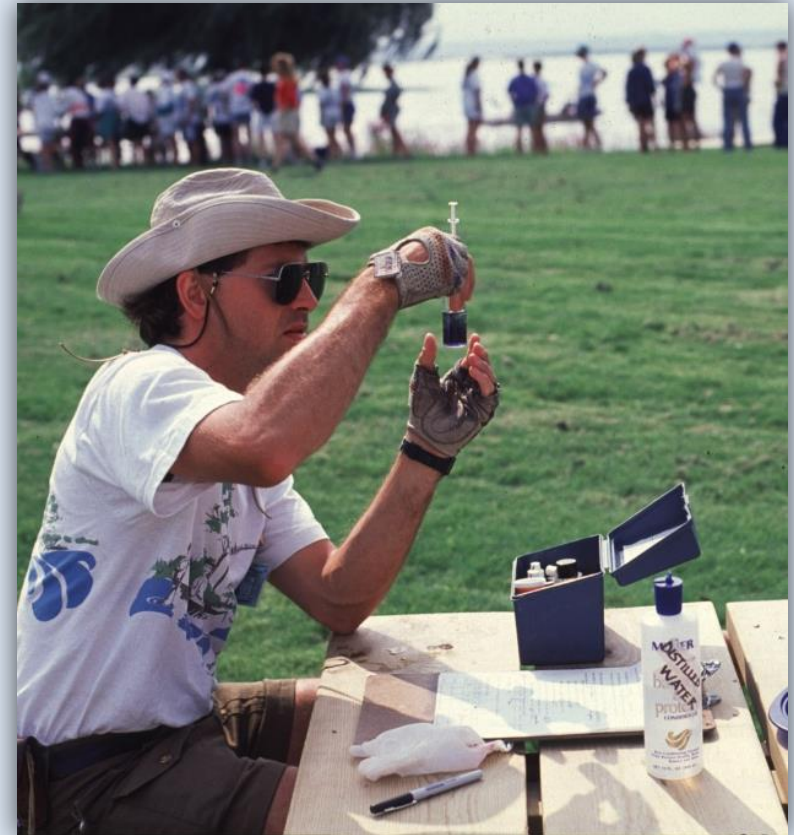
- Real-Time Monitoring
- Development and implementation of watershed plans
- Beaches are always open





Water Quality

- Builds on 2014 Real Time pilot at Metro Beach
- Uses eDNA technology
- Partnership with Local Health Departments, MSU
- Labs provide multiple benefits





Water Quality

- Know it is safe to swim before swimming!





Water Quality



Saginaw County sanitary sewer discharge



Water Quality

Ensure greatest recreational experience for current and future generations

- Recreational harbors are vital to vibrant coastal communities
- Control upstream sediment sources to reduce dredging need





Water Use

Ensure best management of Michigan's water resources while growing our economy.

- Refine the Water Withdrawal Assessment Tool
- Develop Groundwater Monitoring Strategy partnering with MSU to provide good quality data
- Inform best decisions
- Provide tools for communities to resolve conflict



Aquatic Invasive Species

- Total AIS cost to the GL Region: \$5.7 billion per year
- State management plan
- Quality of Life proposal





Outcomes

- Manage Michigan's water resources while growing our economy
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Department of
Environmental Quality
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