

Michigan's Ballast Water Regulations

- BW regulation status
- Requirements
- Compliance
- 401 certification for federal permit
- BAT standard development
- Great Lakes standard

Ballast Water State Permit

- All ocean-going vessels obtain a certificate of coverage under a general permit to conduct port operations in Michigan
- 107 ships to date have received a permit
- In effect since January, 2007
- Legislation upheld in federal court of appeals (6th Circuit) on November 14, 2008

Permit Requirements

- Certify no discharge of ballast water, or treatment using approved methods if they do discharge, to prevent transfer of AIS
- UV light, deoxygenation, chlorine(2) treatments approved
- Good compliance with reporting and no discharge

Michigan 401 Certification of EPA Permit

- Michigan requires the state ballast water control permit for ocean-going ships
- All discharges are prohibited from causing exceedances to water quality standards
- All discharges are prohibited from lowering water quality in Outstanding Natural Resource Waters
- NWF filed suit against Michigan's certification because it does not cover Lakers

Standard Development

- Legislation requires prevention of AIS discharge via ballast water
- Best available technology (BAT) is quickly implementable and has historical precedence in application of the CWA
- General permit is valid for 5 years and then re-issued with any needed updates, so iterative process