

ODNR Division of Wildlife Ohio's Ballast Water Program

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Outline for Today's Talk

1. Ohio EPA Ballast Water Controls
2. Ohio's Ballast Water Legislation
3. Issues with Indiana and Michigan



Ohio EPA Ballast Water Controls

- Ohio is certifying the IMO standard because they are the most widely accepted and tested standard in the world.
- Treatment systems will be operated with goal of discharging no viable organisms.
- More restrictive treatment standards have not been demonstrated to be “practical or possible”.
- IMO not “practical or possible” for Lakers at this time and will be treated differently.

Parameter	Limit
Organisms > 50 microns	< 10 viable/m ³
Organisms 10-50 microns	< 10 viable/m ³
Escherichia Coliform	< 250 cfu/100 ml
Intestinal Enterococci	< 100 cfu/100 ml

Schedule for Ballast Water Controls

- **IMO-certified treatment standards apply to Lakers, launched after January 1, 2016.**
- **Salties must meet an IMO-certified treatment standards according to the following schedule:**
 1. **Vessels launched prior to January 1, 2012, treatment shall be installed by January 1, 2016.**
 2. **Vessels launched after January 1, 2012, treatment shall be installed prior to commencement of vessel operation.**



Ballast Water Control – Special Conditions

- **Ohio's Special Conditions**
 - **Salt Water Discharges:** Ballasted sea water within the breakwalls of Ohio's Lake Erie Ports is prohibited.
 - **Chlorine Discharge Limits:** Chlorine discharges must meet standard of 50 ug/l.
 - **Other Biocides:** Biocides other than chlorine must meet Ohio's water quality standard.



Ohio's Ballast Water Legislation (HB 298)

- **ODNR DOW is the lead agency**
- **Applies to oceangoing vessels only**
- **Establish performance standards using environmentally sound technology**
- **Establish system of inspections**
- **Formation of a Great Lakes AIS Coalition**
- **Fines will be deposited into AIS prevention fund**



Phil Moy's Bonus Questions

1. What was the source, origin or reason for the ballast water standard you chose for your state?
2. Would your state be willing to recognize and adopt a single ballast water standard for the Great Lakes?

