



# Indiana's Clean Marina Program Implementation and Collaboration



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- Designated Clean Marinas
- Great Lakes Collaboration
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# Program Beginnings

- In 2005, Indiana submitted its Coastal Nonpoint Source Pollution Control Plan Final Draft to the National Oceanic and Atmospheric Administration (NOAA) and the United States Environmental Protection Agency (U.S. EPA).
  - Ø Indiana's program was not in full conformity with the 6217(g) guidance for Management Measures for Marinas and Recreational Boating.
  - Ø NOAA and the U.S. EPA provided suggestions on how to achieve conformity, including developing a Clean Marina Program.



# Program Beginnings (cont.)

- The Indiana Clean Marina Program was developed in an effort to protect our state's inland and coastal waterways by reducing the potential environmental impacts associated with marinas and recreational boating.
- The Indiana Clean Marina Program was made possible with financial assistance awarded to the Indiana Department of Natural Resources (IDNR) Lake Michigan Coastal Program by the NOAA Office of Ocean and Coastal Resource Management under a Section 310 grant.
- The Indiana Clean Marina Program was piloted in the Lake Michigan Coastal Program area in May of 2008.



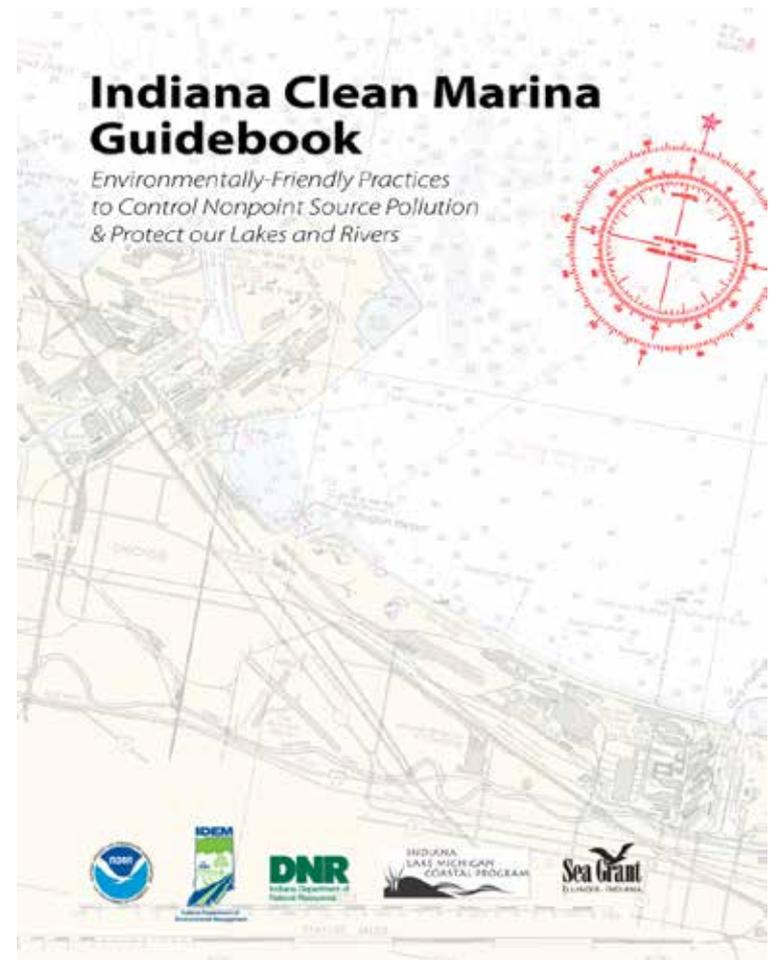
# Indiana Lake Michigan Partnership

- The Indiana Clean Marina Program began in the Lake Michigan basin as a partnership between the IDNR and the Indiana Department of Environmental Management (IDEM).
- The partners developed a Clean Marina Guidebook [www.idem.IN.gov/prevention/2412.htm](http://www.idem.IN.gov/prevention/2412.htm).



# Guidebook

- The Guidebook was developed to aid marina owners/operators and boaters on how to apply best management practices (BMPs) in order to protect the environment.
- The Guidebook was separated into the following chapters:
  - Ø Marina Site Location and Design
  - Ø Marina and Boat Operation
  - Ø Appendices

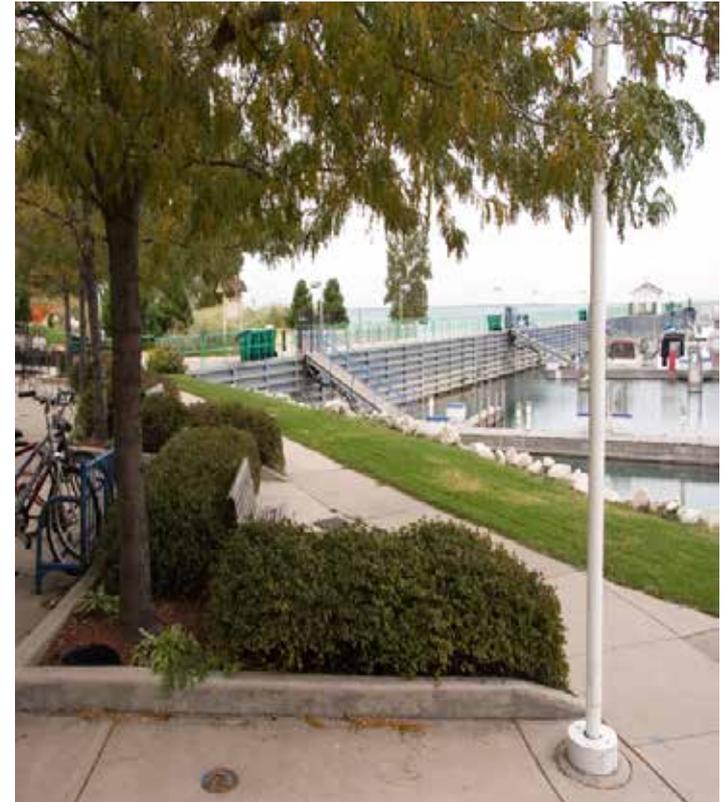




# Guidebook

## Marina Site Location and Design

- Marina Flushing
- Water Quality Assessment
- Habitat Assessment
- Shoreline Stabilization
- Storm Water Run-off
- Fueling Stations
- Sewage Facilities





# Guidebook

## Marina and Boat Operation

- Solid Waste (Trash and Marine Debris)
- Fish Waste
- Liquid Materials
- Petroleum Control
- Boat Cleaning
- Public Education Boat Operation
- Exotic and Nuisance Aquatic Species





# Outreach and Education

- Site Visits
- Guidebook
- Website
- Boat Shows
- Boater Education
- Marina Roundtable
- Press Releases
- Flags
- Signs





# Becoming a Clean Marina

- Must meet all federal and state regulatory requirements.
- Implement at least 80% of the Guidebook recommended BMPs.
- Schedule a confirmation visit with the IDEM Office of Pollution Prevention and Technical Assistance (OPPTA).
  - Ø OPPTA staff verify by checklist that the Marina meets the requirements.



# Becoming a Clean Marina

- The Checklist assigns numeric values to BMPs, as follows:
  - Ø 0 = Required by regulation or law
  - Ø 1 = Low direct impact in maintaining water quality
  - Ø 3 = Moderate impact in maintaining water quality
  - Ø 5 = High impact in maintaining water quality
- A marina must obtain a minimum final percentage of 80% of the total available points to be designated Clean.





Indiana Clean Marina Program Designation Checklist					
Fish Waste	Available Points	Yes	No	Not Applicable	New Best Management Practice?
<b>40.</b> Do you allow fish cleaning at the marina? You cannot answer "Not Applicable." If "No," proceed to question 44.	No numeric value				
<b>41.</b> Do you prohibit boaters from disposing fish waste in the marina basin? See pages 53-54*.	0				
<b>42.</b> Do you prohibit boaters from cleaning fish at the docks? See pages 53-54*.	3				
<b>43.</b> Do you have a designated fish cleaning station that is clearly marked? See pages 53-54*.	5				
	<b>Available Points</b>	<b>Awarded Points</b>		<b>Not Applicable Points</b>	
	8				



<b>Point Summary</b>			
	<b>Available Points</b>	<b>Awarded Points</b>	<b>Not Applicable Points</b>
<b>Storm Water Runoff</b>	40		
<b>Fueling Stations</b>	30		
<b>Sewage Facilities</b>	24		
<b>Solid Waste</b>	20		
<b>Fish Waste</b>	8		
<b>Liquid Materials</b>	20		
<b>Petroleum Control</b>	6		
<b>Boat Cleaning</b>	8		
<b>Public Education</b>	26		
<b>Boat Operation</b>	5		
<b>Exotic &amp; Nuisance Aquatic Species</b>	10		
<b>Total Points</b>	197		

<b>Equation for Calculating Your Cumulative Score</b>	
$\frac{\text{Total Awarded Points}}{(\text{Total Available Points} - \text{Total Not Applicable Points})} =$	_____
$\text{Multiply by } 100 =$	_____
$\text{Cumulative Score:}$	_____



# Becoming a Clean Marina

- If the marina is not currently eligible for designation, it may sign a pledge sheet indicating its commitment to completing BMPs for future designation.





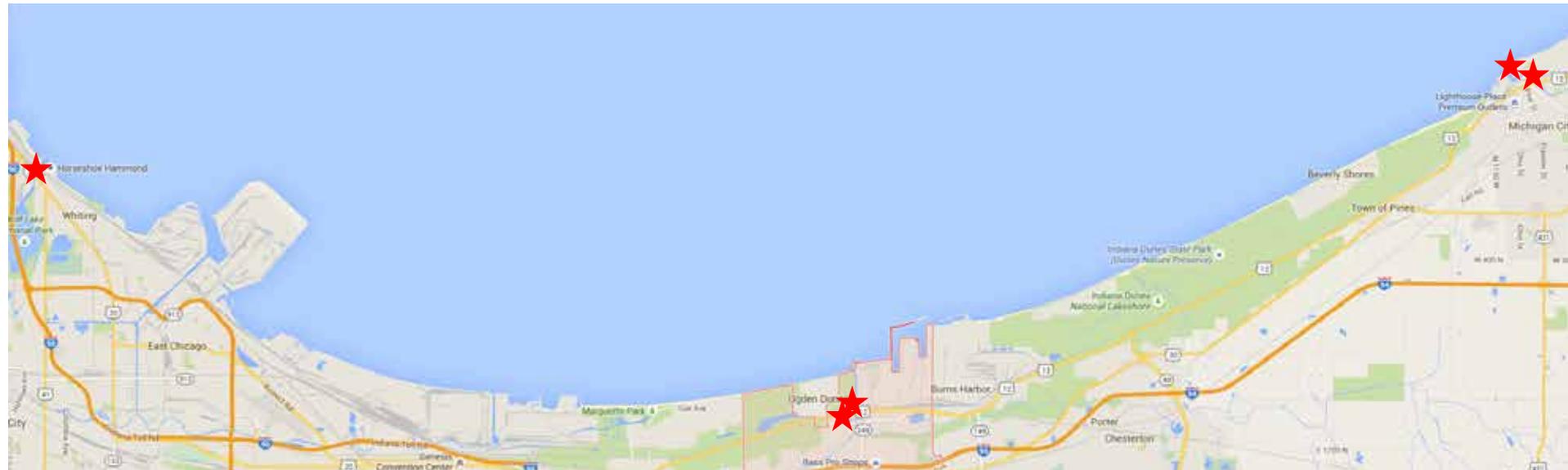
# Designated Clean Marinas

- Five of nine Coastal Marinas have been designated Clean Marinas.
  - Ø Hammond Marina, Hammond, IN - 2009
  - Ø Washington Park Marina, Michigan City, IN - 2010
  - Ø Sprague Point Marina, Michigan City, IN - 2010
  - Ø Portage Public Marina, Portage, IN - 2011
  - Ø Marina Shores, Portage, IN - 2015





# Designated Clean Marinas





Indiana Department of Environmental Management

*Protecting Hoosiers and Our Environment Since 1986*



# Designated Clean Marinas



**NOTICE**  
TRAILERS OR BOATS  
LEFT ON PREMISES  
WITHOUT NOTIFYING  
TRAIL CREEK MARINA  
WILL BE PLACED IN STORAGE  
AT OWNER'S EXPENSE.



# Great Lakes Collaboration

- The Great Lakes Clean Marina Network provides a vehicle to coordinate with other states and provides additional outreach and education to marinas.





# Statewide Expansion

- Indiana has nine coastal marinas and 73 inland marinas.
- In March of 2013, IDEM evaluated expanding the Clean Marina Program statewide.
  - Ø A Clean Marina Survey was sent to all 82 marinas to gauge interest in program participation.



# Statewide Expansion

- 32 responses were received from the survey, yielding a 39% response rate.
- Of the 32 responses:
  - Ø 62% want more information
  - Ø 81% are interested
  - Ø 78% think it will attract new business
  - Ø 56% want to meet with IDEM
  - Ø 15% have applied in the past and therefore are not interested in getting more information or meeting with IDEM at this time



# Statewide Expansion

- Based on the survey results, IDEM determined that statewide expansion would be beneficial.
- IDNR and IDEM determined that IDEM would be best suited to lead the program on a statewide level.
- IDEM has partnered with the following other state programs:
  - Ø Boating Infrastructure Grant Program
  - Ø Clean Vessel Act Grant Program



# Statewide Expansion

- The statewide expansion has been delayed due to the need for clarification regarding the applicability of Rule 6 (Stormwater Runoff Associated with Industrial Activity) to marinas.





# Next Steps

- Obtain formal clarification on Rule 6 application to marinas from IDEM OWQ.
- Conduct additional outreach to marinas.
- Conduct designation site checks at marinas wishing to become certified.
- Continue boater education.



# Questions





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