Indiana Coastal Nonpoint Pollution Control Program 2016

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Lake Michigan Coastal Program Citizen’s Advisory Board Meeting
August 17, 2016
Michigan City Emergency Management Conference Room
Indiana Coastal Nonpoint Pollution Control Program

Purpose: To develop and implement management measures for nonpoint source pollution to restore and protect coastal waters...

This will be accomplished by coordinating efforts with identified partners and utilizing existing programs, laws, and statutes.

Submitted to NOAA/EPA in 2005 and approved with conditions to be met for final approval.

As part of the Coastal Zone Act Reauthorization Amendments of 1990 (CZARA), Congress created a stand-alone provision, Section 6217, which requires that states and territories with approved coastal zone management programs develop a coastal nonpoint source pollution control program to address water quality impairment of coastal waters.
Original Findings for the Indiana Coastal Nonpoint Program

1) Boundary - Yes
2) Agriculture – No
3) Urban – Partial
4) Forestry – Exempt
5) Marinas & Recreational Boating – Partial
6) Hydromodification – Partial
7) Wetland, Riparian Areas & Vegetated Treatment Systems – Partial
8) Administrative Coordination – Yes
9) Public Participation – Yes
10) Critical Coastal Areas, Additional Management Measures, & Technical Assistance – No
11) Monitoring – No
12) Enforceable Policies and Mechanisms – No

56 Total Measures
Between 2006 and 2012, several Urban Measures, one Agriculture Measure, the Hydromodification Measure, and the Marinas & Recreational Boating Measure were approved.
Remaining Unapproved Measures in 2013

- Agriculture – Partial 😞
- Urban – Partial 😞
- Wetland, Riparian Areas & Vegetated Treatment Systems – Partial 😞
- Critical Coastal Areas, Additional Management Measures, & Technical Assistance – No 😞
- Monitoring - No 😞
- Enforceable Policies and Mechanisms – No 😞
Between 2013 and 2016 Indiana Coastal Program & Partners submitted and were approved by EPA NOAA for the following 10 Measures: Monitoring, Critical Coastal Areas, Protection of Wetlands, Nutrient Management, Sediment and Erosion Control, Pesticide Management, Grazing Management, Additional Management Measures, Technical Assistance, & Enforceable Policies and Mechanisms.
Lake Michigan Coastal Nonpoint Pollution Control Program Partners

Indiana State Department of Health

Porter County Health Department

LaPorte County Health Department

LaPorte County Soil and Water Conservation District

Lake County Soil and Water Conservation District

LaPorte County Soil and Water Conservation District

URBANWATERS
A Partnership for Restoring Urban Waters, Revitalizing Communities

Purdue Extension

NRCS

Indiana State Department of Agriculture

Sea Grant Illinois-Indiana
Onsite Disposal System (Septic System) Management Measures are included in the Indiana Lake Michigan Coastal Nonpoint Pollution Control Program.

Indiana has not yet met the measure for ensuring that Operating Septic Systems are inspected at a frequency adequate to ascertain whether the system is failing.
Indiana Lake Michigan Coastal Program Must Have Final Approval of the Remaining Management Measure by 2019 or risk monetary penalties to NOAA and EPA 319 funding to the State of Indiana
The NW Indiana
Septic System Coordination Work Group

The NW Indiana SSC Work Group comprised of federal, state, and local
governments/agencies, not-for-profit groups, and interested individuals has been meeting since early 2013 to develop collaborative plans and implementation strategies to address the potential impacts of failing septic systems on local water quality and public health.

- IDEM
- USEPA
- Indiana State Dept. of Health
- County Health Depts.
- NIRPC
- Urban Waters Federal Partnership
- Coastal MS4s
- Coastal SWCDs
- Save the Dunes
- Sea Grant
- Coastal Communities
- Septic System Owners
- Indiana Lake Michigan
- Coastal Program

The Indiana DNR Lake Michigan Coastal Program provides staffing and coordination assistance for the Work Group as part of the Indiana Coastal Nonpoint Pollution Control Program.
Watershed Mapping, Monitoring, and Database development to identify potential septic system impacts on local waterways updated in 2015.

LaPorte County passed an Ordinance requiring inspection of septic systems at the time of property transfer. (April 2016)

Coordination and information sharing between health departments and nonpoint source pollution programs and projects (319, Coastal, Watershed Groups, SWCDs, MS4s). MS4s have become a key partner for distributing septic system outreach materials to local communities because they have education and outreach measures in place as part of their program requirements.

Innovative approaches and funding to address failing septic systems.
- State Revolving Loan Funds, Federal Appropriations, MS4s.
The NW Indiana Septic System Coordination Work Group Action Agenda & Accomplishments 2015 16

- Bi-monthly meetings with partners for project/program updates, discussion, and educational presentations.

- Focus Groups – Septic System operation and maintenance awareness in the Coastal Region.

- Septic System Awareness Focus Groups and Surveys developed by NW Indiana Urban Waters Partnership conducted in three Lake Michigan watershed counties in 2014/2015 to determine knowledge base of septic system owners concerning how their septic system works, their maintenance practices, and who they contact and trust for assistance and information.

- Based on Focus Group final analysis, the Septic System Coordination Work Group will develop Coastal Septic System outreach and education program to be funded through the Indiana Lake Michigan Coastal Program.
Operating Septic System Inspection Program

- Ongoing Coordination with Septic System Coordination Work Group Partners
- Develop and Implement Outreach & Education Strategy:
  - Septic Owners
  - Decision-Makers
  - Realtors
- Map Septic Areas/Populate Database
- Promote SepticSmart Program
43 participating governments, agencies, organizations and individuals distributed the 3,500 EPA SepticSmart education brochures during SepticSmart Week and provided links to the EPA SepticSmart web page with the message that regular care and maintenance of septic systems can prevent failure.

- Newspaper, Radio, Television
- Web, Facebook, Blogging
- Mailings, Outdoor Banners
- Outreach to Septic Haulers
- Presentations
- Resolutions & Proclamations
Questions?

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