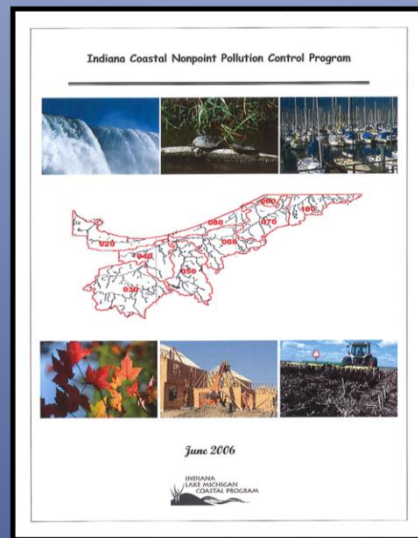


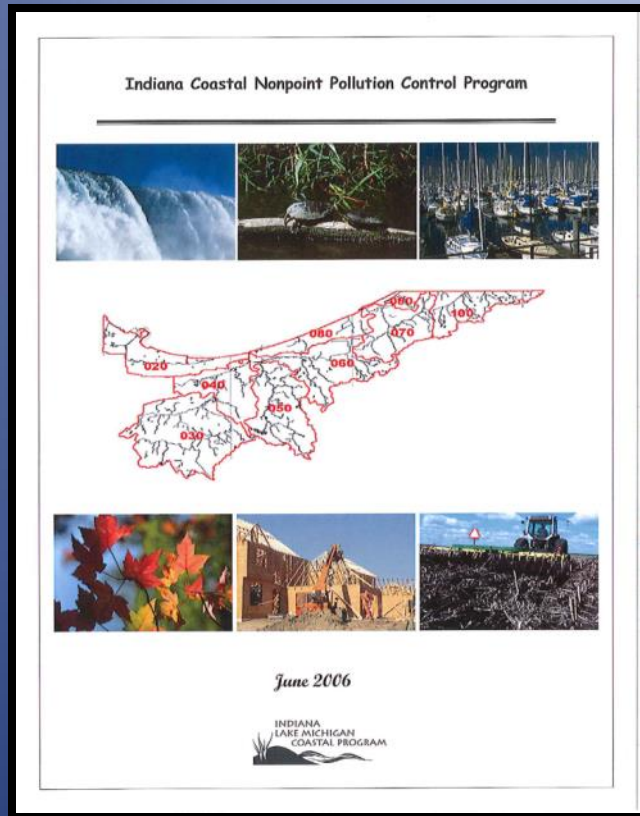
Indiana Coastal Nonpoint Pollution Control Program 2016



Dorreen Carey, Nonpoint Education Assistant

**Northwestern Indiana Regional Planning Commission
Environmental Management Policy Committee Meeting
September 1, 2016 Portage, Indiana**

Indiana Coastal Nonpoint Pollution Control Program

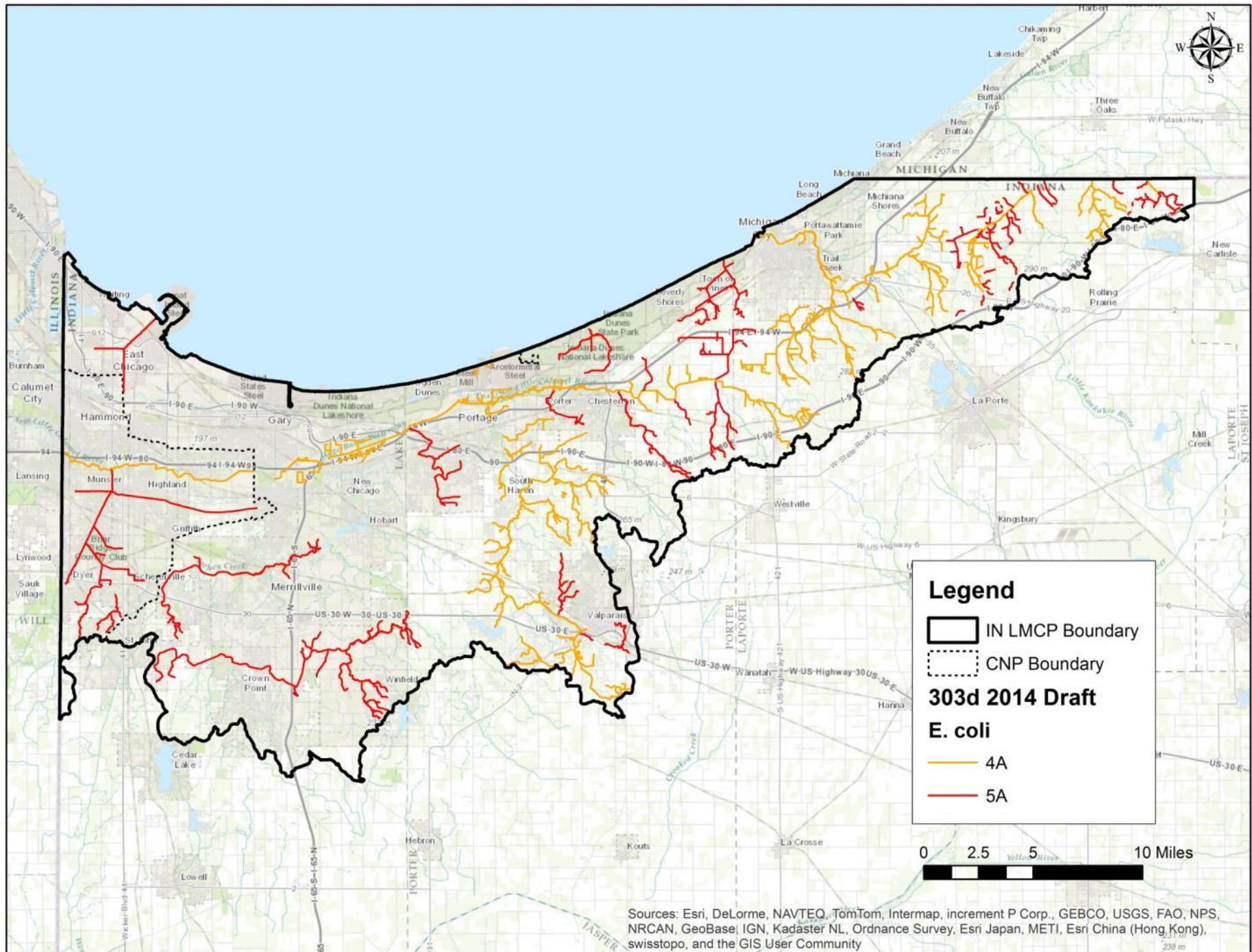


Purpose : To develop and implement management measures for nonpoint source pollution to restore and protect coastal waters...

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.

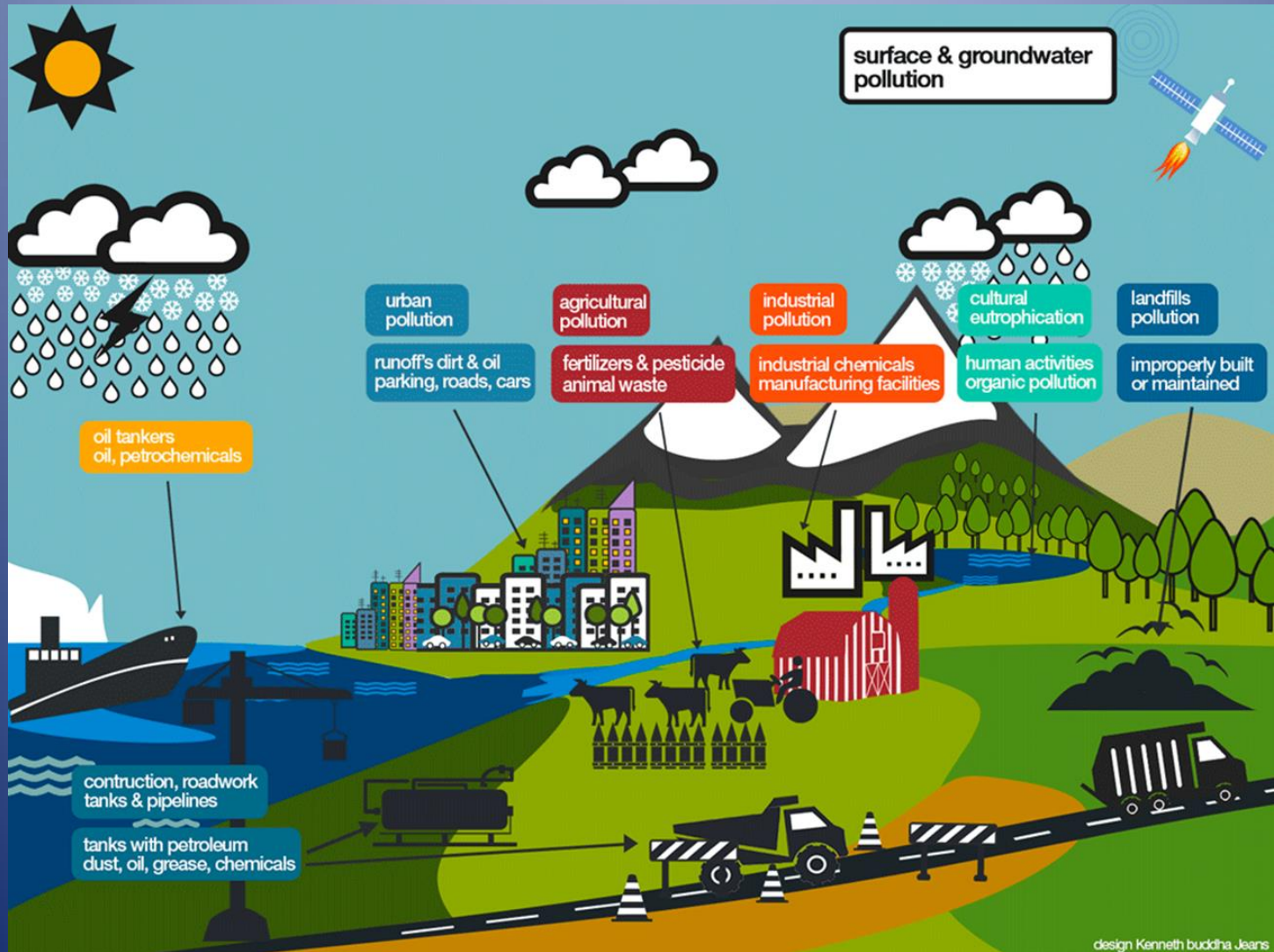


Original Findings for the Indiana Coastal Nonpoint Program

- 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.

SEPTEMBER 2016

Indiana Lake Michigan Coastal Program

Nonpoint Source Pollution Control Program Submission for Programmatic Approval

This document partially addresses the conditions for approval of the coastal nonpoint program as outlined in the January 2013 response from the EPA/NOAA to the coastal program submission of October 2013.

Management Measures Addressed:

1. AGRICULTURE - Erosion and Sediment Control, Indiana Response - Page 2; Element 7 of Nutrient Management, Indiana Response - Page 4
2. WETLANDS, RIPARIAN AREAS AND VEGETATED TREATMENT SYSTEMS - Protection of Wetlands and Riparian areas, Indiana Response - Page 9
3. CRITICAL COASTAL AREAS, ADDITIONAL MANAGEMENT MEASURES, and TECHNICAL ASSISTANCE - Additional Management Measures and Technical Assistance, Indiana Response - Page 11

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SEPTEMBER 2016

Indiana Lake Michigan Coastal Program

6217 Nonpoint Source Pollution Control Program Submission for Programmatic Approval

This document partially addresses the conditions for approval of the coastal nonpoint program as outlined in the May 2014 response from the EPA/NOAA to the coastal program submission of December 2013.

Management Measures Addressed in this Submission:

1. AGRICULTURE - Erosion and Sediment Control, Indiana Response - Page 2; Element 7 of Nutrient Management, Indiana Response - Page 4
2. WETLANDS, RIPARIAN AREAS AND VEGETATED TREATMENT SYSTEMS - Protection of Wetlands and Riparian areas, Indiana Response - Page 9
3. CRITICAL COASTAL AREAS, ADDITIONAL MANAGEMENT MEASURES, and TECHNICAL ASSISTANCE - Additional Management Measures and Technical Assistance, Indiana Response - Page 11

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SEPTEMBER 2016

Indiana Lake Michigan Coastal Nonpoint Pollution Control Program Inspection and Maintenance of Existing OSDS Management Measure Submission to NOAA/PA January 2016

BACKGROUND

The following selection is the EPA/NOAA January 2013 Response to Indiana October 2012 Submission on Inspection and Maintenance of Existing OSDS:

CONDITION: Within five years, Indiana will include in its program management measures and enforceable mechanisms and policies for inspection of existing OSDS. Within five years, Indiana will include in its program management measures and enforceable mechanisms and policies for protective separation distances to groundwater in conformity with the 6217(a) guidance for new OSDS. Finally, within five years, Indiana will include in its program management measures and enforceable mechanisms and policies for dewatering systems where nitrogen limited surface waters may be adversely affected by nitrogen loading from OSDS, in conformity with the 6217(a) guidance for new and operating OSDS.

DECISION:

- Indiana has met the condition regarding adequate separation distances and was exempted from the dewatering systems requirement (see 2010 interim decision document).
- Indiana still needs to include in its program management measures and enforceable mechanisms and policies for inspection of existing OSDS.

RATIONALE: Indiana has proposed to address the inspection requirement for existing OSDS by developing and promoting a voluntary inspection and maintenance program. Indiana has developed a model ordinance for septic operation and maintenance that would require homeowners to obtain an operating permit that must be renewed every two to five years, depending on the type of treatment system, and has promulgated it to the three coastal counties in the 6217 management area. While the state coastal nonpoint program coordinator will continue to facilitate the adoption of the model ordinance, no coastal counties have adopted it yet.

In addition to the model ordinance, the state has also developed an online tracking database for OSDS called ITOSS (integrated after EPA's ITOSS database) and provided training to county health departments on the new tracking system. To help populate ITOSS, Indiana's Lake Michigan Coastal Program (LMCP) provided grant funding to the Lake and Porter County Health Departments to purchase GPS equipment for inspectors to inventory OSDS within the coastal area.

In summer 2013, the coastal nonpoint coordinator also worked with the Northwest Indiana Regional Planning Commission to convene a regional aquatic septic task force to organize decision-makers to explore a solution to malfunctioning OSDS. The Task Force convened again

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February 2016


Indiana Lake Michigan Coastal Program

6217 Nonpoint Source Pollution Control Program Submission for Programmatic Approval

This document partially addresses the conditions for approval of the coastal nonpoint program as outlined in the March 2015 response from the EPA/NOAA to the coastal program submission of September 2014.

In addition, this response meets the timeline for submission for the Protection of Wetlands and Riparian Areas approved in the LMCP 312 Work Plan approved by NOAA in December 2015.

- Background: EPA/NOAA Response March 2015 Pages 2 – 3
- Indiana Submission for Protection of Wetlands and Riparian Areas February 2016 Pages 3 – 17



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April 2016

Indiana Lake Michigan Coastal Program

6217 Nonpoint Source Pollution Control Program Submission for Programmatic Approval

This document partially addresses the conditions for approval of the coastal nonpoint program as outlined in the March 2015 EPA/NOAA decision documents.

In addition, this response meets the timeline for submission for the Pesticide Management Measure and the Grazing Management Measure in the LMCP 312 Work Plan approved by NOAA in December 2015.



- Background: EPA/NOAA Response March 2015 Pages 2 – 4
- Indiana Partnerships for a Coordinated and Systematic Conservation Approach Pages 4 – 7
- Pesticide Management Measure Pages 8 – 15
- Grazing Management Measure Pages 16 – 19

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Indiana Department of Environmental Management
It's Your Future and Our Environment

100 N. Senate Avenue • Indianapolis, IN 46204
 317.224.4000 • 317.224.4000 • www.idem.in.gov

Mike Mohr, Program Manager
 Lake Michigan Coastal Program
 Indiana Department of Environmental Management
 402 West Washington Street, Room W207
 Indianapolis, IN 46204

Dear Mr. Mohr:

Re: Enforceable policies and mechanisms for nonpoint source pollution


The Department of Natural Resources (DNR), as the Lake Michigan Coastal Program (LMCP) implementation agency, has requested from the Indiana Department of Environmental Management (IDEM), Indiana's Clean Water Act (CWA) enforcement agency, documentation that outlines the mechanism or process that links the implementing agency with the enforcement agency along with evidence that enforcement activities are used where necessary. IDEM understands that such documentation is necessary for joint approval of the State's Coastal Nonpoint Pollution Control Program by the National Oceanic and Atmospheric Administration (NOAA) and the U.S. Environmental Protection Agency (U.S. EPA) pursuant to Section 6217 of the Federal Coastal Zone Act Reauthorization Amendments of 1990, 16 U.S.C. 1450, P.L. 101-508.

BRIEF ANSWER

In response to DNR's request, IDEM provides the following relevant CWA program information including CWA implementation and enforcement as they relate to nonpoint source pollution:

- Indiana Water Quality Standards (327 IAC 2-1-6 and 327 IAC 2-1-5);
- Indiana Water Quality Monitoring Strategy 2011 - 2016;
- IDEM Consolidated Assessment and Listing Methodology;
- Indiana Spill Reporting Rule (327 IAC 2-6-1);
- Indiana Confined Feeding Operation Rule (327 IAC 16);
- National Pollutant Discharge Elimination System Requirements (327 IAC 5-2);
- Letter from the Indiana Attorney General; and
- 6217 Management Measures.

In addition, IDEM has mechanisms available through which DNR or other Indiana partners might report water quality incidents to IDEM, fulfilling the linkage requirement.

 Please Recycle, Please, Recycle

Lake Michigan Coastal Nonpoint Pollution Control Program Partners



Indiana State Department of Health



PORTER COUNTY
Indiana

Health Department



Porter County Soil and Water Conservation District

URBANWATERS

A Partnership for Restoring Urban Waters, Revitalizing Communities



Lake County Soil and Water Conservation District



LaPorte County Soil and Water Conservation District



One Management Measure Remains



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.

The NW Indiana Septic System Coordination Work Group Action Agenda & Accomplishments 2015 -16

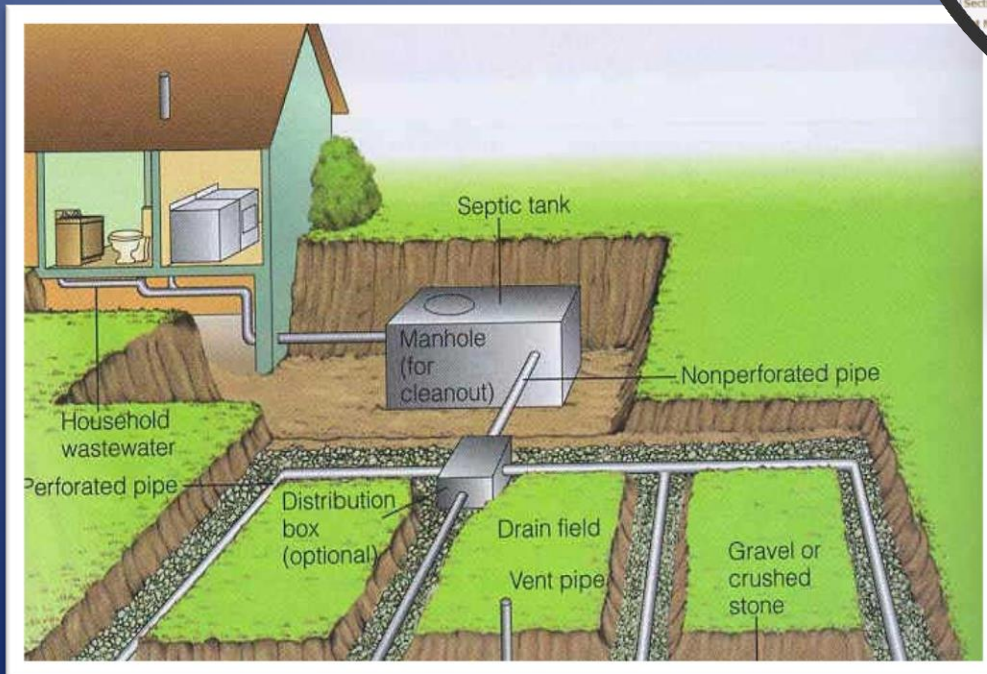
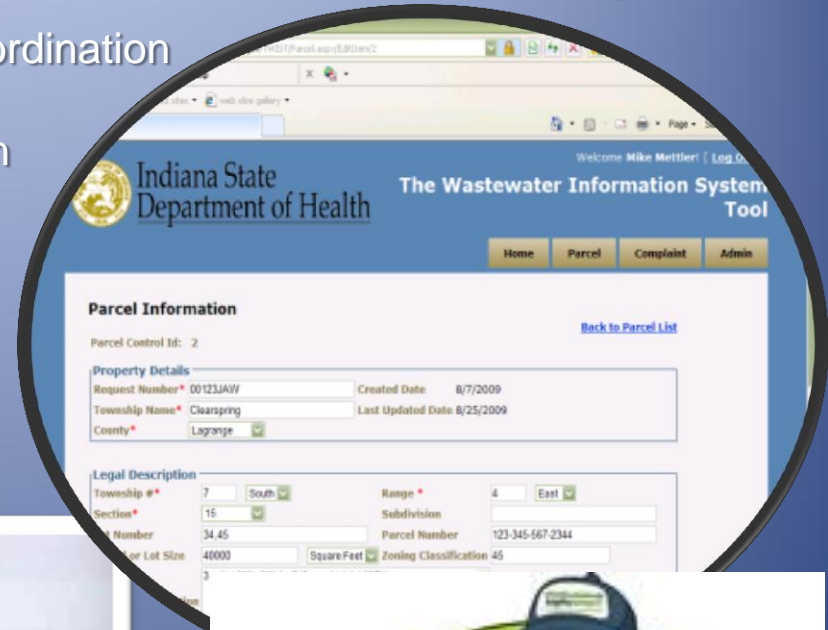
- ❖ Watershed Mapping, Monitoring, and Database development to identify potential septic system impacts on local waterways updated in 2015.
- ❖ LaPorte County passed an Ordinance requiring inspection of septic systems at the time of property transfer. (April 2016)
- ❖ Coordination and information sharing 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



Support and Promote EPA SepticSmart Week September 19 – 23, 2016 at the State and Local level.



Do Your Part, Be SepticSmart:
The Do's and Don'ts of Your Septic System
Learn these simple steps to protect your home, health, environment and property value:

Protect It and Inspect It:
Do:
• Have your system inspected in general every three years by a licensed contractor and have the tank pumped, when necessary, generally every three to five years.

Think at the Sink:
Don't:
• Pour cooking grease or oil down the sink or toilet.
• Rinse coffee grounds into the sink.
• Pour household chemicals down the sink or flush them.
Do:
• Eliminate or limit the use of a garbage disposal.
• Properly dispose of coffee grounds & food.
• Put grease in a container to harden before discarding in the trash.

Don't Overload the Commode:
Don't:
• Flush non-degradable products or chemicals, such as feminine hygiene products, condoms, dental floss, diapers, cigarette butts, cat litter, paper towels, pharmaceuticals.
Do:
• Dispose of these items in the trash can.

Shield Your Field:
Don't:
• Park or drive on your drainfield. The weight can damage the drain lines.
• Plant trees or shrubs too close to your drainfield, roots can grow into your system and clog it.
Do:
• Consult a septic service professional to advise you of the proper distance for planting trees and shrubs, depending on your septic tank location.

Don't Strain Your Drain:
Don't:
• Conserve your water use by using your dishwasher, shower, washing machine, and toilet at the same time. All the water used can really strain your septic system.
Do:
• Maximize the use of water-generating appliances. This can be helpful especially if your system has not been pumped in a long time.
• Become more water-efficient by fixing plumbing leaks and consider installing bathrooms and kitchen faucet aerators and water-efficient products.

For more SepticSmart tips, visit: www.epa.gov/septicSMART
EPA 832-B-13-002 | September 2015

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

Please Pass Your 2016 SepticSmart Week Resolution



Northwestern Indiana
Regional Planning Commission

6100 Southport Road
Portage, Indiana 46368
(219) 763-6060
www.nirpc.org

RESOLUTION 15-24

A RESOLUTION OF THE NORTHWESTERN INDIANAREGIONAL PLANNING COMMISSION IN SUPPORT OF THE 2015 SEPTICSMART WEEK.

September 17, 2015

WHEREAS: Throughout NW Indiana, many communities rely on Septic Systems, or Onsite Wastewater Treatment and Disposal Systems, to dispose of wastewater from their homes and businesses; and

WHEREAS: Septic Systems can fail or malfunction polluting our lands and waterways causing public health hazards and natural resource degradation; and

WHEREAS: Educating home and business Septic System owners about the need for periodic inspection, maintenance and proper daily use can result in the highest possible standard of safe, sanitary and environmentally sound onsite wastewater service.

NOW, THEREFORE, BE IT RESOLVED that the Northwestern Indiana Regional Planning Commission hereby proclaims **September 21-25, 2015** to be **SEPTICSMART WEEK** in Northwest Indiana and encourage all residents and businesses to join in this observance.

Duly adopted by the Northwestern Indiana Regional Planning Commission this 17th day of September, 2015.


Robert J. Schaefer
Secretary


Blair Milo
Chairperson

Questions?



Dorreen Carey – DCAREY@DNR.IN.GOV