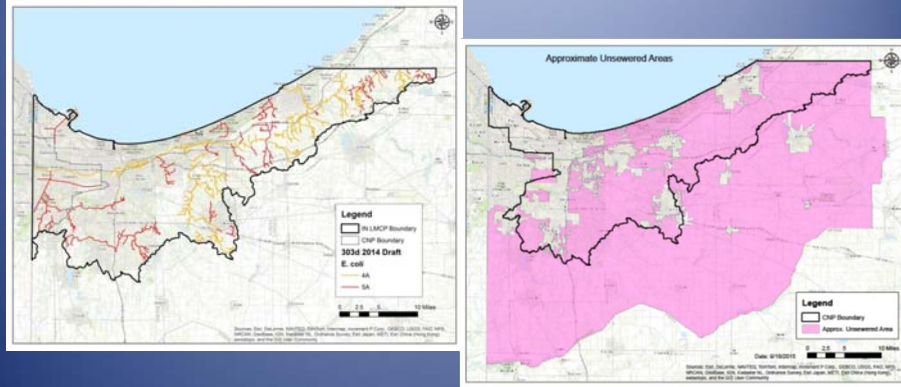


E. coli Impairments

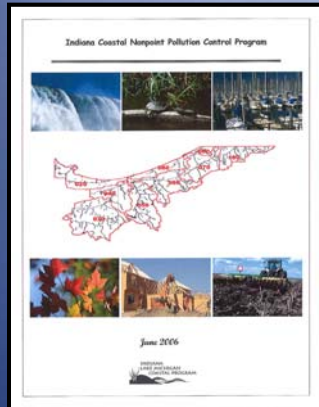


More than 50% of the Lake Michigan tributaries are considered to be impaired for *E. coli* by the Indiana Department of Environmental Management (IDEM).

What are we doing to address the problem?



Indiana Coastal Nonpoint Pollution Control Program



Onsite Disposal System (Septic System) Management Measures are included in the Indiana Lake Michigan Coastal Nonpoint Pollution Control Program (also known as 6217)

The Environmental Protection Agency (EPA) and the National Oceanic and Atmospheric Administration (NOAA) determine if states have met all the measures in the Coastal Nonpoint 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.

The Northwest Indiana Septic System Coordination Work Group

The NW Indiana SSC Work Group comprised of federal, state, and local governments/ agencies, not-for-profit groups, universities 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. This group meets on a bi-monthly basis.

- 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
- Purdue University NW (Calumet Campus)

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

- ❖ Watershed Mapping, Monitoring, and Database development to identify potential septic system impacts on local waterways updated in 2015.
- ❖ 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.
- ❖ Communicating ordinances and programs adopted by partners such as the LaPorte County Health Dept. Property Transfer Inspection Ordinance.
- ❖ Promoting 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

- ❖ 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.
- ❖ Partnership between ISDH and State Association of Realtors to develop a presentation on septic system maintenance and inspection for realtor continuing education credits.
- ❖ Coastal Grant funding to Work Group partners to develop Outreach and Education Tools for Septic System Inspection and Maintenance.

Education and Outreach

- ❖ Based on the Focus Group final analysis, and the Septic System Coordination Work Group review and input, Save the Dunes will develop a Regional Coastal Septic System Outreach and Education Program funded through an Indiana Lake Michigan Coastal Program Enhancement Grant .
- ❖ Purdue University NW Calumet Campus CIVS program is developing an animated process model of septic system operation for use in outreach and education efforts funded by a Coastal Program grant.






For all my maintenance needs

* This is not the solution

U.S. EPA SepticSmart Week Sept. 19 - 23, 2016




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 or pumped 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:**
 - Put cooking grease or oil down the sink or drain.
 - Throw coffee grounds into the sink.
 - Put household chemicals down the sink or flush down.
 - Do:**
 - Dispose or limit the use of a garbage disposal.
 - Properly dispose of coffee grounds & food.
 - Put grease in a container to handle before disposing in the trash.
- Don't Overload the Commode:**
 - Don't:**
 - Flush non-degradable products or chemicals, such as tampons, hygiene products, condoms, dental floss, diapers, cigarette butts, car filters, paper towels, pharmaceuticals.
 - Do:**
 - Dispose of these items in the trash can!
- Shield Your Field:**
 - Don't:**
 - Park or drive on your drainfield. This might cause damage to the drain field.
 - Plant trees or shrubs too close to your drainfield. Roots can grow into your system and clog it.
 - Do:**
 - Consult a night service professional to advise you of the proper distance for planting trees and shrubs, depending on your septic tank location.
- Don't Strain Your Drains:**
 - Don't:**
 - Overuse your water can by taking long showers, excessive washing machines, and loads of clothes. Also, all that extra water can really strain your septic system.
 - Do:**
 - Reduce the use of water generating appliances. This can be helpful especially if you have long-term plumbing in a long time.
 - Dispose of your toilet clogs by using plumbing tools and consider installing bidet-style and bidet-style showers and water softening products.

For more SepticSmart tips, visit www.epa.gov/septicmart
EPA 803-A-12-002 | September 2016



Northwestern Indiana Regional Planning Commission

RESOLUTION 10-04

A RESOLUTION OF THE NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION IN SUPPORT OF THE U.S. EPA SEPTICSMART WEEK.

September 17, 2016

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

WHEREAS Septic Systems can fail or malfunction polluting our waters and undermining public health benefits and natural resource degradation; and

WHEREAS Educating home and business owners across the state for periodic maintenance, replacement and repair will be the most effective means of safe, efficient and environmentally sound on-site wastewater service.

NOW, THEREFORE, BE IT RESOLVED that the Northwestern Indiana Regional Planning Commission hereby proclaims September 19-23, 2016 to be SEPTICSMART WEEK in Northwest Indiana and encourage all residents and businesses to take to this commitment.

File released by the Northwestern Indiana Regional Planning Commission 09/23/16 Day of September, 2016.

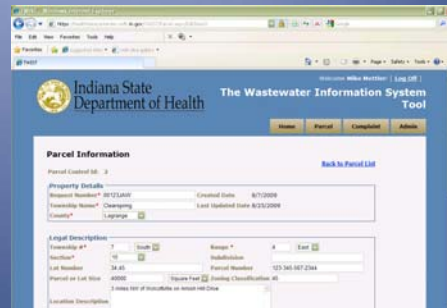
Robert Proberg
Secretary

[Signature]
Chairman

www.epa.gov/septicmart

ISDH Efforts

- Rule
 - Set Backs
 - Operating Permits
- Model Ordinance
 - Installers
 - Point of Sale
- Training
 - iTOSS
 - State Board of Realtors – C.E.U.s



Set Backs

- Indiana Requirement
- 200 ft. – public water supply
 - 50 – 200 ft. – advanced treatment
 - Other States?





County Efforts

LaPorte County

- Early adopter iTOSS
- Operating Permit Program
 - All permits for new and repair
 - Businesses changing ownership
- Point of Sale Inspection
 - Septics & Wells
 - January 1, 2016

Porter County

- Data uploadable iTOSS
- Point of Sale Inspection
 - Not Yet
- Watershed Items
 - Portage – subdivision tie to sewer
 - Pines – investigation on septics
 - Improved standards for new septics & repairs

LaPorte County Ordinance Installer Registration

As of January 1, 2012:

- All septic installers had to be registered and bonded.
- Registration good for 1 year and renewed annually.
- Installers also had to be certified to install by passing a competency test administered by the LPCHD

OR

- Be IOWPA certified
- Certified Installer must be present during installation.

LaPorte County Ordinance Operating Permits

As of January 1, 2012:

Any on-site system installed or altered shall require an operating permit.

The Operating Permit shall be renewed as follows:

- Once every 3 years for systems having components other than a septic tank, requiring scheduled maintenance and inspection.
- Once every 5 years for all other on-site systems.

LaPorte County Point of Sale Inspection Ordinance

- Inspections shall be conducted by an IOWPA certified inspector
- Inspectors shall be registered and bonded with the HD
- Must submit their report to the HD on a form provided by the department
- HD may issue orders for repairs, replacement, cleaning
- Permit needed for any work on system

LA PORTE COUNTY HEALTH DEPARTMENT
809 State ST, Suite 407 A, LaPorte, IN 46350

Property Transfer
On-Site Septic System Certificate

This certificate certifies that the real property located at:

Numbered Address of site _____
City _____ State _____ Zip _____


Parcel ID # _____

Is in compliance with Indiana State Department of Health Rule 410 IAC 5-10.1 / 410 IAC 5-10.1 and LaPorte County Ordinances 2012-01 and 2015-08. This certificate does not guarantee the future functioning of said septic system.

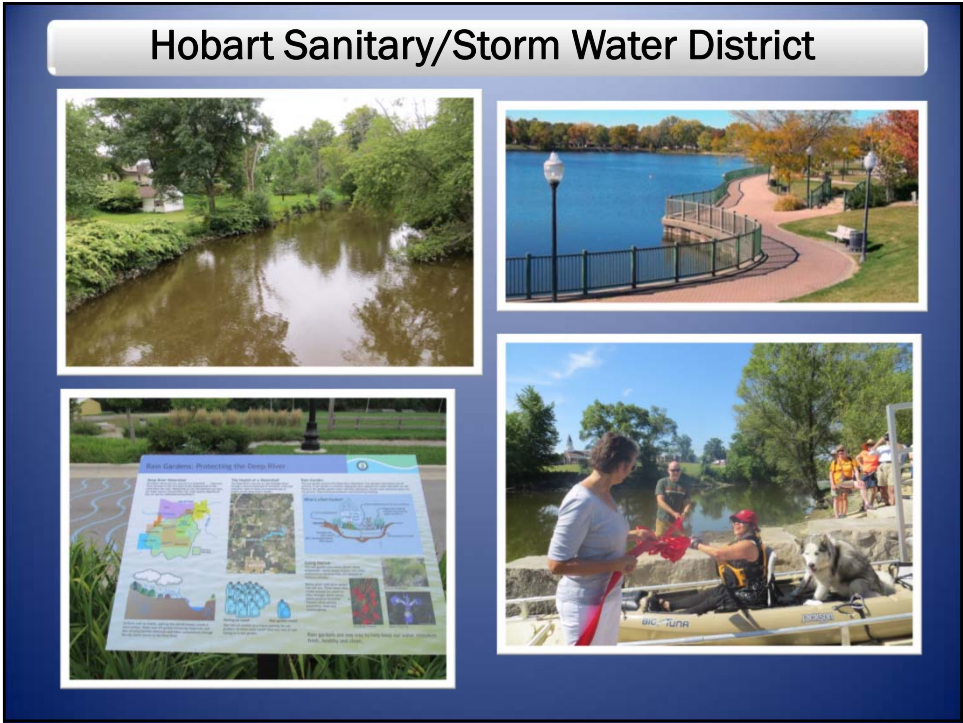
Is not in compliance and the septic tank and/or septic system field must be replaced within six months of closing on the property. All work must be permitted and inspected by the LaPorte County Health Department.

This property has been inspected by an IOWPA certified inspector who is licensed and bonded with the LaPorte County Health Department. This property was further evaluated by the LaPorte County Health Department.

This property is connected to city sewer.

 Health Officer _____

Phone: (219) 325-6808 ext 2200 Fax: (219) 325-6328 Email: lnhdm@laportecounty.org laportecounty.org



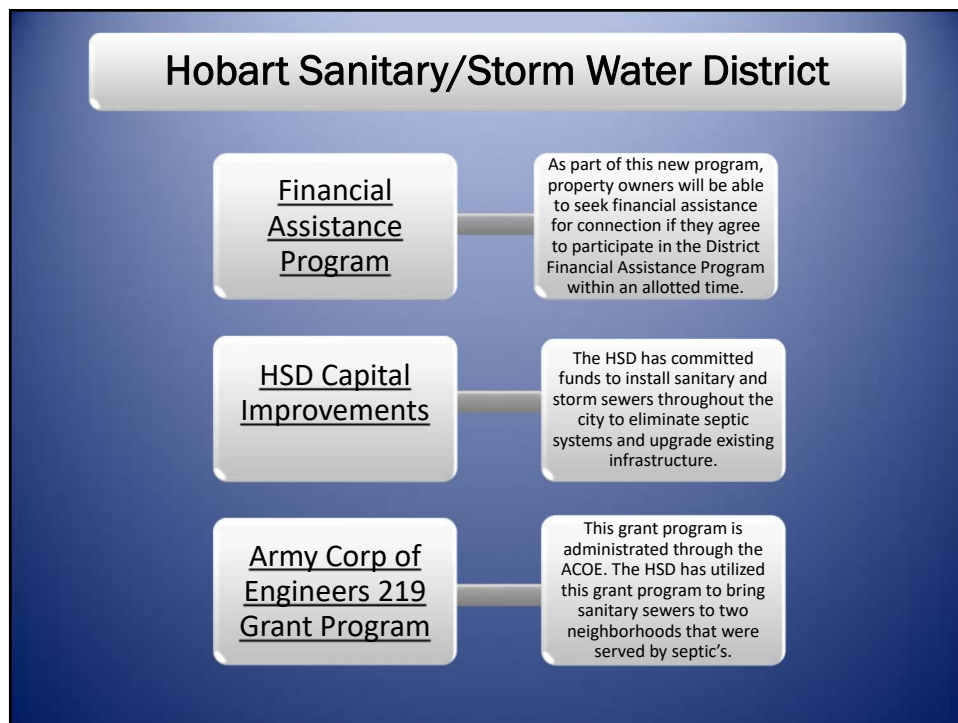
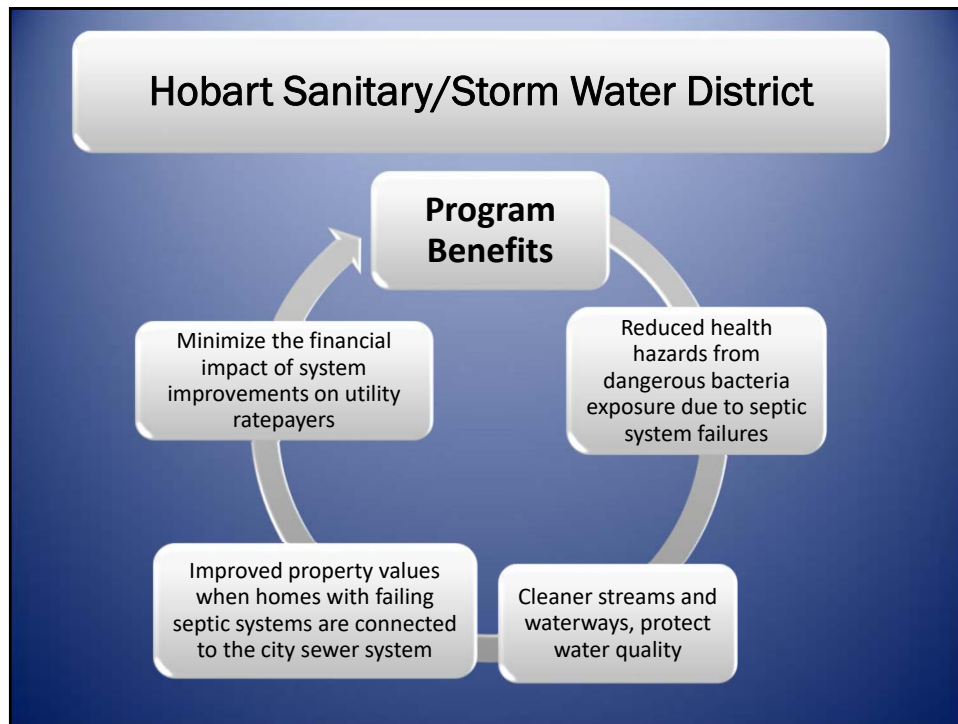
Hobart Sanitary/Storm Water District

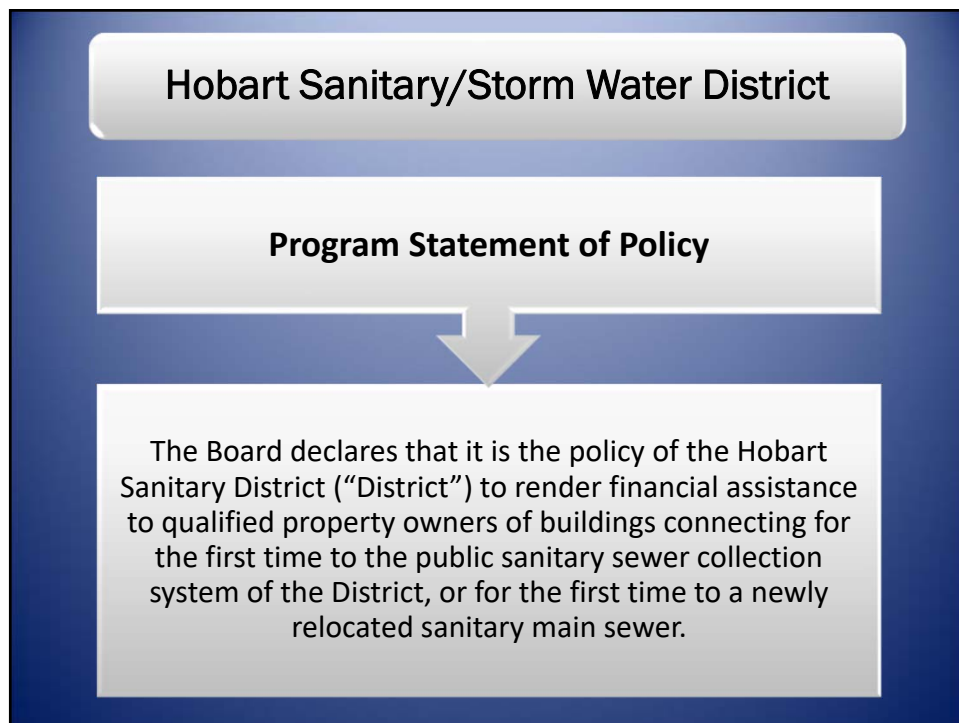
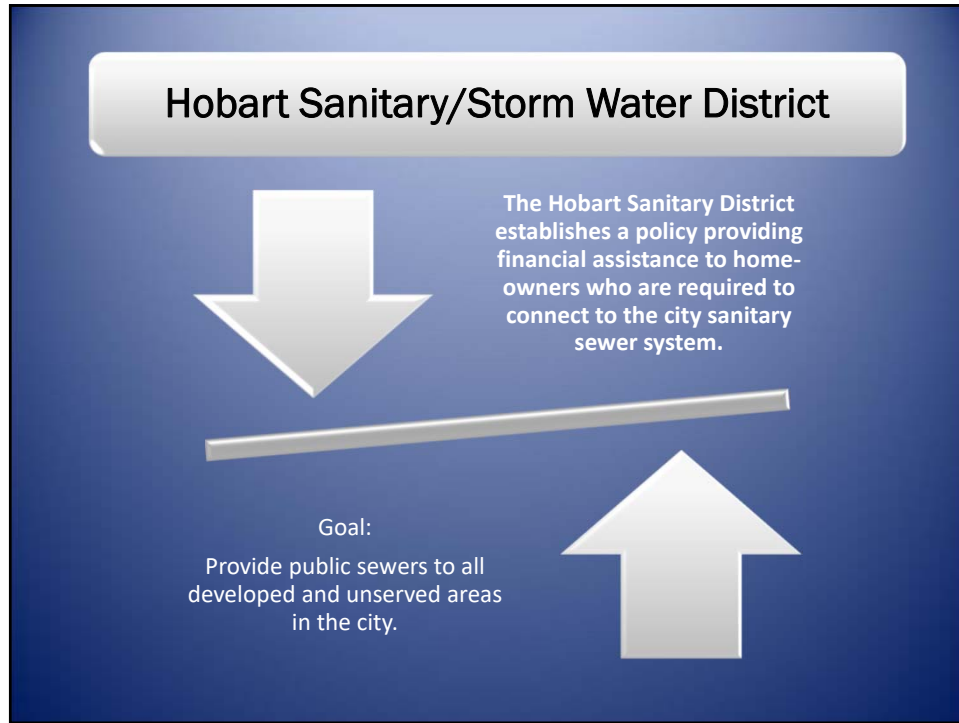
Septic Elimination Program

Failing septic tanks pose health issue. The District goal is to prevent and reduce contamination to groundwater, ditches and streams from the raw sewage produced by failing septic systems.



The City of Hobart Sanitary/Storm Water District has adopted a new approach to providing sewer service to properties currently being served by septic systems. The District septic elimination program does this by eliminating onsite sewage treatment systems, and coordinating the connection of properties that use these systems to the city's sanitary sewers.





Hobart Sanitary/Storm Water District

Program Statement of Policy

Cont'd.

This policy is established to remedy or prevent a menace to the public health and welfare, to reduce the inflow and infiltration into the collection system from obstructed, damaged, or inadequate private sanitary sewer service lines, to prevent the pollution of streams or bodies of water, and to regulate and prevent sanitary sewage discharges into private dwellings

Hobart Sanitary/Storm Water District

For new laterals and connections required to replace failed septic systems or where the property is located within 300 feet of a sanitary sewer main line, the **District shall pay 80% (eighty percent) of the cost of covered expenses for construction and installation of the lateral and sanitary sewer connection or low-pressure system, inclusive of the District's tap-in fee.**

For new laterals and connections required to connect a property with existing sanitary sewer service to a newly relocated main sanitary sewer, the **District will pay 100% (one hundred percent) of the cost of covered expenses.**

Hobart Sanitary/Storm Water District

Conditions of Participation

Financial assistance, if provided, shall apply only to buildings to be connected to the Hobart Sanitary District collection system.

Financial assistance is limited to funds appropriated by the Board for the program.

Prioritization of applications shall be at the sole discretion of the District.

Hobart Sanitary/Storm Water District

Army Corp of Engineers 219 Grant Program

Financial assistance through this federal grant program administrated by the ACOE allowed the Hobart Sanitary District to install sanitary sewers and water to neighborhoods that were served by septic's and wells

Neighborhoods served:
S. Ash Street
County Line

Hobart Sanitary/Storm Water District

- Hobart Sanitary/Storm Water Capital Improvements Program**
- The HSD has adopted a 5 year capital improvements program to address aging infrastructure, failing septic's and current Agreed Order with IDEM. Funded by Storm Water Fee and Sanitary Users Fees
- Project Examples:
- Mundell/S. Joliet – New Storm Sewers to reduce I&I
- 49th Ave. – New Storm Sewers to reduce I&I
- Main Street Utility Rehab – New sanitary and storm sewers to replace aging infrastructure
- South Side Deep Sanitary Project – Installation of sanitary sewers to eliminate the overall number of lift stations and to bring sanitary sewers to areas that are served by septic's



Questions?

Dorreen Carey, DNR Lake Michigan Coastal Program - dcarey@dnr.in.gov

David Ortel, Indiana State Department of Health - dortel@isdh.in.gov

Tim Kingsland, City of Hobart Sanitary/Stormwater District - tkingsland@cityofhobart.org