

be conducted via Riverwatch sampling methods. The sites sampled as part of this Plan will be revisited as part of this future monitoring plan. Additional sites may be added to help further identify possible pollution sources and/or document pre/post implementation effects.

15.0 INSTITUTIONAL RESOURCES

As noted above, implement a successful management plan will require participation of several key players in the watershed. A large variety of institutional resources exist in the watershed to aid in water quality improvement and implementation efforts. These range from local government offices, state and federal agency personnel/programs, and non-profit conservation organizations. The following sub-sections will outline some of their various roles, resources, and contact information.

15.1 Local County Government Offices

15.1.1 Soil & Water Conservation Districts

Indiana's Soil and Water Conservation Districts (SWCDs) were established by the Indiana Conservation Act (IC 14-32). SWCDs are chartered, legal subdivisions of State Government whose territories are aligned with county boundaries. SWCDs develop and implement conservation programs based on a set of resource priorities, and channel resources from all levels of government into action at the local/county level. Indiana's 92 SWCDs are each governed by a board of supervisors, consisting of three elected supervisors, who own or rent more than 10 acres of land in the district, and two appointed supervisors who maintain their permanent residence in the district.

BOONE COUNTY SOIL AND WATER CONSERVATION DISTRICT

The Boone County SWCD focuses on the delivery of traditional conservation programs to county residents. These include all of the Farm Bill programs and any other associated local initiatives. The District's was also recently awarded a Clean Water Indiana grant aimed at increasing and improving nutrient management practices. The grant centers around a cost-share program that includes soil testing and nutrient management plan development.

While the Boone County SWCD offers intermittent educational events and field days, the District does not have routine, formal, educational program. The current Clean Water Indiana grant has a conservation marketing component which will result in promotional materials and "shop meetings" with farmers at on-site field locations across the county.

Given the County Surveyor's role in stormwater management and erosion control, the District does not participate in Rule 5 inspections or enforcements. Due to limited resources and the desire to focus on the implementation of conservation programs, the District is not conducting any volunteer water quality monitoring.

The SWCD Board meets the fourth Wednesday of the month at 7:30am in the Boone County Office Building, Connie Lamar Room

For questions regarding any of Boone County SWCD's programs contact:

Scheryl Vaughn
Boone County Soil & Water Conservation District
Office Administrator/Educator
416 W. Camp Street, Room 101
Lebanon, IN 46052
765-483-4449
svaughn@co.boone.in.us

HENDRICKS COUNTY SOIL AND WATER CONSERVATION DISTRICT

The Hendricks County SWCD staff review development plans, make recommendations regarding construction and stormwater BMPs, and conduct site inspection for municipal projects within the six MS4 entities in Hendricks County, which cannot be reviewed by the entities themselves. The District does not participate in Rule 5 enforcements. The District is not conducting any volunteer water quality monitoring at this time.

While the Hendricks County SWCD offers intermittent educational events and field days, the District does not have routine, formal, educational program. The District was recently awarded a Clean Water Indiana grant aimed at increasing and improving nutrient management practices. The current Clean Water Indiana grant has a conservation marketing component which will result in promotional materials and workshops for landowners at on-site field locations across the county.

For Rule 5 or stormwater concerns contact:

Jessica Norcross
195 Meadow Drive, Suite 2
Danville, IN 46122
(317) 745-2555

PUTNAM COUNTY SOIL AND WATER CONSERVATION DISTRICT

The Putnam County SWCD offers a variety of land owner assistance programs and technical guidance regarding the implementation of Best Management Practices (BMPs). In addition, the District also oversees the day-to-day management of the Rule 5 Erosion and Sediment Control statewide regulation for Putnam County. In this capacity SWCD staff review development plans, make recommendations regarding construction and stormwater BMPs, and conduct site inspection.

While the Putnam County SWCD offers intermittent educational events and field days, a routine, formal, educational program geared toward elementary students is offered throughout the school year. Volunteer water quality monitoring is somewhat dependent upon current needs or interests in the community.

For general questions regarding conservation initiatives contact: Sue Crafton
For Rule 5 enforcement or stormwater concerns contact: Laura Stearley

All can be reached at:
1007 Mill Pond Lane, Ste. C.
Greencastle, IN 46135
317.65.5716 Ext 3

15.1.2 Surveyors & Drainage Boards

County surveyors and drainage boards play a critical role in the implementation of streamside BMPs, as well as potential restoration efforts that may involve the manipulation of current above or below ground drainage infrastructure.

The Indiana Drainage Code of 1965 sets forth the authority to create a Drainage Board in each County. The Drainage Board consists of either the County Commissioners or a citizen board with one Commissioner as a member. The County Surveyor sits on the Board as an Ex-Officio Member. This position is a non-voting position, and the County Surveyor serves as a technical advisor to the Board. The Drainage Board has the authority to construct, maintain, reconstruct or vacate a regulated drain. They may also create new regulated drains if so petitioned by landowners. The Board is in charge of maintaining drains by putting the drain back to its original specifications by dredging, repair tile, clearing, removing obstructions or other work necessary to keep the drain in proper working order. The County surveyors are often the best contact for drainage projects or concerns, or to coordinate with the Drainage Boards.

The Surveyor's Office is also typically task with establishing, reestablishing and recording all section corners throughout the county; supervising all civil engineering work of the county; recording the location of legal surveys; supervising construction, reconstruction and maintenance of drains and ditches; developing drainage studies and specifications, issues drainage related permits; and calculating drainage assessments.

Many of the streams and ditches in the watershed are official 'regulated drains' and are therefore under the authority of the drainage boards and surveyors. Any project proposed along these waterways should be coordinated with the appropriate County Surveyor.

BOONE COUNTY

Kenny Hedge
County Surveyor
116 West Washington Street
Lebanon, IN 46052
765-483-4444

khedge@co.boone.in.us

The board meets the third Monday of the month at 8:30am in the Boone County Office Building.

HENDRICKS COUNTY

David Gaston

355 S. Washington St. #214

Danville, IN 46122

317-745-9237

Drainage Board meetings: 2nd and 4th Tuesday - 8:30am at the Hendricks County Government Center

PUTNAM COUNTY

David Penturf

1W. Washington St. Rm. 43

Greencastle, IN 46135

(765) 653-5603

Putnam County does not have an official drainage board therefore all drainage concerns fall to the commissioners. They meet on the first Monday at 9:00am and third Monday at 6:00pm at the Putnam County Courthouse Annex

15.1.3 Planning and Zoning Authorities

County-wide Comprehensive Plans can provide a significant amount of information on both natural resources in an area, as well as population statistics, traffic plans, and current and future land use zoning. Such zoning designations, if enforced, often drive where future residential and commercial/industrial growth will occur. The authority to rezone land into different land use categories and the power to grant variances from local ordinances related to development, often lie with local Zoning Boards or Plan Commissions.

BOONE COUNTY

The Boone County Area Plan Commission (APC) is in the process of completing a new comprehensive plan. An open house to discuss and view the new plan is set for September 12, 2008, 6:30pm at the County Fairgrounds. The Board of Zoning Appeals (BZA) is task with granting variances or special exceptions form the zoning ordinance. In addition, the BZA and the APC work together to administer land use and zoning regulations for the county; issue building permits; issues addressed for new homes and businesses; and maintain census data for the county. The APC meets the first Wednesday of each month at 7:00 pm in the Boone County Government Building – Lamar Room. The BZA meets the last Wednesday of each month at 7:00pm in the Boone County Government Building – Lamar Room. The best contact for watershed land use concerns related to development or zoning in Boone County is:

Steve Niblick

116 W Washington St.

Lebanon, IN 46052

(765) 482-3821

sniblick@co.boone.in.us

HENDRICKS COUNTY

Hendricks County has a comprehensive plan that was adopted in 2006. Printed copies are available. There is not a current schedule to amend the comp plan, but discussions of doing so have recently surfaced. The County Commissioners approve any rezoning requests upon a recommendation by the County Plan Commission. The Plan Commission meets monthly on the second Tuesday of the month at 6:30 p.m. in Rooms 4 and 5 of the Hendricks County Government Center. There is also a County Board of Zoning Appeals that meets on the third Monday of the month at 7:30 p.m. in Rooms 4 and 5 of the Hendricks County Government Center. The best contact for watershed land use concerns related to development or zoning in Hendricks County is:

Hendricks County Planning and Building
355 S. Washington Street #212
Danville, IN 46122
Planning Phone: (317) 745-9254
Zoning Phone: (317) 745-9243
www.co.hendricks.in.us

PUTNAM COUNTY

Putnam County's most recent Comprehensive Plan is dated 2007. The final draft was only recently accepted; therefore there are no plans for any near future updates. Putnam County is currently in the process of updating the Zoning and Subdivision Control Ordinances. The Plan Commission makes recommendations for rezoning and the County Commissioners make the final determination. There is one city in Putnam County that has up to a two mile jurisdictional area outside its city limits and an exact parcel would need to be known in order to make the determination as to who has jurisdiction. There is also Board of Zoning Appeals (BZA). The Plan Commission meets the second Thursday of the month at 5:30pm if there are agenda items to address. The BZA meets the second Monday at 7:30pm. The best contact for watershed land use concerns related to development or zoning in Putnam County is:

Kim Hyten, Plan Director
209 W. Liberty St., Room 3
Greencastle, Indiana 46135
Phone: (765) 653-5727
FAX: (765) 653-0231
pcplanning@airhop.com

15.1.4 Health Departments

BOONE COUNTY

The Boone County Health Department employs four Environmental Health Specialists. The focus of the Environmental Division of the Health Department is the prevention of disease, while ensuring a safe environment. Concern for environmental health has increased along with population growth, urbanization, advanced technology, industrialization and modern agriculture methods. Assessment and reduction of human health risks is accomplished through investigations, inspections and regulatory enforcement. Frequently, investigations and

inspections are conducted with other local and state government agencies and environmental organizations.

Food safety is assured through inspections of nearly 180 food establishments in Boone County. Water quality inspections of public and semi-public swimming pools and spas are performed. Information on indoor air quality and radon is available in our office. In addition, a certified lead inspector provides information on lead hazards.

Septic system installation is a regulated activity in Boone County. After a process of plan review, septic permits are issued by the Health Department and inspected before final approval. All new and repaired residential drinking water wells are permitted, inspected, and tested. General environmental health complaints and housing complaints are investigated if they involve any condition that transmit, generate or promote disease. The best contact for watershed septic system concerns is:

Sharon Adams
Environmental Health Department
116 W Washington Street, B201
Lebanon, IN 46052
Phone: (765) 483-4458
Fax: (765) 483-5243
shadams@co.boone.in.us

HENDRICKS COUNTY

The Hendricks County Health Department does not conduct routine water quality monitoring. The Department provides voluntary training for septic system installers. Conversations with representatives from the Health Department indicate that one of the primary concerns in rural areas is septic discharges into field tiles. The Department has geographically located all improved properties with undocumented/unknown wastewater disposal as well as those with permitted system information in order to document problem areas; however, they are in need of funding to implement corrections in concentrated problem areas. The best contact for watershed septic system concerns is:

Cathy Grindstaff, REHS
Environmental Health
Hendricks County Government Center
355 S. Washington St., #210
Danville, Indiana 46122
Phone: (317) 745-9217

More information can be found online at:

<http://www.co.hendricks.in.us/GovernmentCenter/HealthDepartment/EnvironmentalHealth/tabid/82/Default.aspx>

PUTNAM COUNTY

The Putnam County Health Department plays an important role in septic systems siting, education, and enforcement. The Putnam County Health Department does not conduct regular water quality monitoring; however, they will collect and analyze samples based on public complaints. According to Health Department staff, no notable septic systems concern areas exist in the watershed due to the earlier sewer installation around the lakes. If significant development were to occur within the watershed, consideration would need to be given to the capacity of the receiving wastewater treatment plant and/or the soil suitability in the area. The best contact for watershed septic system concerns is:

Dr. Robert Heavin
Greencastle Courthouse Annex
209 West Liberty Street
Greencastle, IN 46135
Phone: (765) 653-5210

15.2 State & Federal Government Offices

15.2.1 IDNR & IDEM

The Indiana Department of Natural Resources (IDNR) and the Indiana Department of Environmental Management (IDEM) have a variety of programs and staff dedicated to water quality assessments and watershed planning initiatives. The most relevant contacts at these agencies to assist local leaders in water quality planning efforts are listed below. While there are countless specialists at these agencies, the below staff should be able to guide local questions to appropriate personnel.

Indiana Department of Natural Resources

Division of Fish & Wildlife – Lake & River Enhancement Program (LARE)

Mr. Kent Tracey
1353 S. Governors Dr.
Columbia City, IN 46725
Phone: (260) 244-7470

Indiana Department of Natural Resources

Division of Nature Preserves
Thomas O. Swinford
Regional Ecologist, Central Indiana
402 W. Washington St. Rm. W267
Indianapolis IN
Desk: 317/233-4849
Mobile: 317/697-5508

Indiana Department of Environmental Management

Office of Water Quality

Ms. Bonnie Elifritz, Watershed Specialist

100 N. Senate Ave.

Indianapolis, IN 46206

(317) 234-0922

15.2.2 Indiana State Department of Agriculture (ISDA)

The Division of Soil Conservation belongs to the Indiana Conservation Partnership; however is situated in the State Department of Agriculture (ISDA). As part of the Partnership, ISDA provides technical, educational, and financial assistance to citizens to solve erosion and sediment-related problems occurring on the land or impacting public waters. The Division of Soil Conservation is divided into Conservation Implementation Teams (CIT) that cover specific counties. These teams can deliver advice to landowners regarding best management practices, assist with engineering design, and secure/coordinate associated project permits and cost share amounts.

CIT Leader for Hendricks and Boone Counties is:

Boone County Service Center serves Hendricks County

Ruth Montgomery - USDA/NRCS

801 West Pearl Street

Lebanon, IN 46052

(765)482-6355 ext. 3

ruth.montgomery@in.usda.gov

CIT Leader for Putnam County is:

William Elliot

1007 Mill Pond Lane, Ste. C

Greencastle, IN 46135

(765)653-5716 ext. 8

william.elliott@in.usda.gov

15.2.3 Natural Resources Conservation Service (NRCS)

The NRCS is a Federal agency that works with land owners and managers to conserve their soil, water, and other natural resources. NRCS employees provide technical assistance based on a customer's specific needs in such areas as animal husbandry and clean water, ecological sciences, engineering, resource economics, and social sciences. They also provide financial assistance for many conservation activities. The NRCS programs are all voluntary participation programs.

District Conservationists for the counties are listed below.

Boone County

Angela Garrison
801 W Pearl Street, Ste C.
Lebanon, IN 46052
765-482-6355

Hendricks County

Henry Wallis
195 Meadows Drive, Ste I
Danville, IN 46122
317-745-2555

Putnam County

Matt Jarvis
1007 Millpond Lane, Ste C.
Greencastle, IN 46135
765-653-5716 ext 3

15.2.4 United States Geological Survey (USGS)

The USGS is a multi-disciplinary science organization focused on biology, geography, geology, geospatial information, and water. They work to study the study of the landscape, our natural resources, and the natural hazards that threaten us.

Jeffrey W. Frey
5957 Lakeside Boulevard
Indianapolis, IN 46278
(317)290-3333 ext.151
jwfrey@usgs.gov

15.3 Local Non-Profit Organizations**15.3.1 Resource Conservation and Development Council (RC&D)**

Resource Conservation and Development Councils (RC&D) are non-profit organizations established to address natural resource needs and cultivate opportunities in economic, environmental, and social areas. The primary natural resource focus is on air, water, land, woods, plants, and wildlife. The combined efforts of the community and volunteers look to achieve four primary goals:

1. Promote Better Woodland Management
2. Balance Rural and Urban Land Use Needs
3. Develop Partnerships to Address Water Quality and Quantity
4. Increase Community Involvement in Natural Concerns

Two RC&Ds serve the counties of the Big Walnut Creek Watershed: Hoosier Heartland RC&D and Sycamore Trails RC&D.

Hoosier Heartland RC&D

The Hoosier Heartland RC&D serves Boone, Brown, Hamilton, Hancock, Hendricks, Johnson, Marion, Monroe, Morgan, and Shelby Counties. The Hoosier Heartland RC&D Council can be contacted at:

Hoosier Heartland RC&D Council

6041 Lakeside Blvd.

Indianapolis, IN 46278-1989

Phone: (317)290-3250

Fax: (317)290-3150

Email: hhrcd@hhrcd.org

Web: www.hhrcd.org

Sycamore Trails RC&D

The Sycamore Trails Resource Conservation and Development Council was incorporated in 1987 and serves Clay, Fountain, Montgomery, Owen, Parke, Putnam, Sullivan, Vermillion, Vigo Counties. The Sycamore Trails RC&D Council can be contacted at:

Sycamore Trails RC&D Council

1007 Mill Pond Lane, Ste. B

Greencastle, IN 46135

Phone (765) 653-9785

strcd@sycamoretrails.org

15.3.2 Central Indiana Land Trust, Inc. (CILTI)

Land Trusts can be invaluable organizations in efforts to conserve and restore important lands. Hand-in hand planning with land trusts can help assist in region-wide corridor connectivity and large-scale conservation goals for individual species or habitat types. Land trust can also often assist conservation groups by being the land holding entity and using its volunteers to maintain the property long-term.

The CILTI Land Trust is a non-profit organization aimed at preservation of important natural lands in north-east Indiana. CILTI was incorporated exclusively for charitable, educational and scientific purposes. It has five general purposes:

1. As a part of the continued growth of the communities in which it operates, as a land trust to acquire interests in and to preserve natural areas and to discourage unnecessary development of natural areas.
2. Impartially to educate communities as to the value to them of the preservation of natural areas.
3. To promote the knowledge and appreciation of natural areas as living museums.
4. To develop such scientific, educational and public recreational uses of natural areas as are consistent with their preservation as living museums.
5. To cooperate with and to encourage other organizations and individuals in carrying out the foregoing activities.

CILTI can be contacted at:

Central Indiana Land Trust, Inc.
Heather Bacher
324 W. Morris St., Ste. 210
Indianapolis, IN 46225
Phone: (317) 631-LAND (5263)
www.CILTI.org

15.3.3 The Nature Conservancy (TNC)

The Nature Conservancy's mission is to preserve the plants, animals and natural communities that represent the diversity of the life on Earth by protecting the lands and waters they need to survive.

Indiana Field Office
1505 N. Delaware Street, Suite 200
Indianapolis, IN 46202
Phone: (317) 951-8818
Fax: (317) 917-2478
[Chip Sutton](#), Director of Communications

Tippecanoe River Project Office
436 Northwest Street
Winamac, IN 46996
Phone: (574) 946-7491
[Chad Watts](#), Program Manager
www.nature.org/indiana