



RULE 13 ANNUAL REPORT

State Form 51278 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NOTE:

- In order to comply with 327 IAC 15-13-18, annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit this form will be considered noncompliance with your permit.**
- For the **first five** (5)-year permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
- In the **second and subsequent** five (5)-year permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage, by 1 and 3 years from the SWQMP – Part C resubmittal date.
- Please type or print in ink.**
- Please answer all questions thoroughly and return the form by the due date.
- Return this form and any required addenda to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

For questions regarding this form, contact:

IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)

Web Access:

<http://www.in.gov/idem/water/ndes/permits/wetwthr/storm/rule13.html>

REPORTING YEAR

(Check one)

2005

2006

2007

2008

2009

2010

2011

2012

2013

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report Completed By: Allen County Surveyor's Office on behalf of the Allen County Commissioners
(MS4 Operator — i.e., name of permit holder)

2. Permit Number: INR 0 4 0 131

3. Mailing Address
Street Address: Room 610, City County Building, One East Main Street

City
 Town

Of: Fort Wayne

Zip: 46802

County: Allen

PART B: GENERAL INFORMATION – CONTACT PERSON

4. Contact Person Name (please print): Al Frisinger

5. Contact Person Title: County Surveyor

6. Phone Number: (260) 449-7625

7. Facsimile Number (if applicable): (260) 449-7627

8. E-mail Address (if applicable): al.frasinger@co.allen.in.us

PART C: CONTROL MEASURE ACTIVITIES

9. For the following items, please provide a summary of control measure activities related to Rule 13 performed during the previous year. List any updated measurable goals from the SWQMP, compliance activities, BMPs installed or initiated, updated programmatic indicator data, and updated or developed regulatory mechanisms with effective dates.

a. Public Education and Outreach:

Allen County's educational activities included the presentation of seminars and publication of newsletter articles and brochures mainly through the Allen County Partnership for Water Quality.

The Allen County Partnership for Water Quality staff and volunteers provided watershed education to several thousand children by participating in three community events in the summer of 2005. Children and their parents made beaded bracelets where each bead represented a stage in the water cycle when they visited the Partnership booth at the Three Rivers Festival "Kids Fest," the Allen County Fair, and the Fort Wayne Black Expo. The total contacts with citizens during these three events were estimated at 3,200 people.

In 2005 the Allen County Partnership for Water Quality presented two teacher training workshops featuring the Project WET (Water Education for Teachers) curriculum. These two Project WET teacher training workshops involved a total of 40 teachers. Additionally, two Project WET workshops were given for IPFW education students. Approximately 40 students total attended these two workshops.

The Allen County Partnership for Water Quality organized an Earth Day public viewing of the PBS documentary "Fate of a River" and the update "Fate of a River: Revisited." These videos talked about water quality conditions in the Maumee River. This Earth Day event also featured a panel of discussion by local leaders after the films. Informational displays were also featured. There were 50 people that attended. High School classes from the area were also invited to see the films for two days before the public event.

The Allen County Partnership for Water Quality's Education Specialist was a featured speaker at the Indiana Garden Club Conference and Indiana Recycling Coalition Conference in 2005. The Education Specialist talked about how the Partnership will work to further storm water education and talked about water quality.

The Allen County Partnership for Water Quality's Education Specialist worked with the Fort Wayne Botanical Gardens staff to bring water education lessons to their Eco Camp kids.

The Saint Joseph River Watershed Initiative has a website that has information on watershed boundaries, land use conversion, and water quality data.

The Purdue Cooperative Extension Service Master Gardner program touches on water quality through education of proper application and ways to reduce herbicides, pesticides, and other chemical applications in lawns and gardens.

2006 Indiana GIS Conference – March 8, 2006

The Indiana Geographic Information Council (IGIC) is a nonprofit membership organization of GIS users, professionals and educators. Administered by an elected board of directors, IGIC is recognized as the official statewide coordinating body for Indiana geographic information.

Allen County sent a representative to the 2006 Indiana GIS Conference to give a presentation on the storm sewer map development that is currently taking place within the County to fulfill the NPDES Phase II requirements. The presentation was given in front of an audience that included other Stormwater Quality and GIS professionals from counties throughout the State of Indiana. The goal of this presentation was to provide insights to other NPDES Phase II Program Managers and Stormwater Quality professionals on how to conduct their stormwater system mapping to better fulfill the Rule 13 and IDEM requirements for their respective stormwater quality mapping programs.

The presentation outlined Allen County's current stormwater system mapping program and how Allen County is currently using GIS to input and show the mapping data results obtained in the field. It was explained that mapping data showing the outfall and conveyance locations along with locations of piping, manholes, inlets, control structures such as weirs and control valves, and grade beam and control outlets are shown on the County's GIS system. Additionally, data on the physical aspects of each of these structures is also being stored within GIS. A hyperlink showing a picture of each outfall can also be viewed on the County's GIS system. At the conclusion of the presentation, a question and answer period was provided. About 30 people were present for this particular presentation.

Public Education and Outreach (continued):

Training for Construction Professionals – will be completed in 2006.

The Allen County Surveyor sent a draft of the Stormwater Management Ordinance of Allen County to the Home Builders Association of Fort Wayne. The Home Builders Association reviewed and discussed the ordinance at one of their meetings. A list of questions were compiled by the Association and sent to the Allen County Surveyor's Office. Key members of the Allen County Surveyor's office staff are planning a meeting with the Home Builders Association to go over these questions and help them gain a better understanding of the Stormwater Management Ordinance that will be adopted upon approval by the County in the upcoming months.

Additionally, upon approval by the County of the Stormwater Management Ordinance, a training session for developers, engineers, and contractors will take place to train Construction Professionals on the new requirements of the ordinance. Training sessions will also be held for the Construction Inspectors and Construction Plan Reviewers to help ensure compliance with the County's erosion and sediment control requirements contained in the ordinance.

Newsletter Articles –

The Allen County Partnership for Water Quality also has available a series of newsletter articles entitled *Water Matters*. Each of the *Water Matters* articles addresses a different water related topic. The *Water Matters* articles are supplied to neighborhood associations or other civic groups that would like to include them in their newsletters. Currently, there have been 17 *Water Matters* articles produced and distributed. In 2005 the Northwest Lima Woods Neighborhood Association requested the *Water Matters* articles. Their distribution was 250 people and they obtained nine different articles. Arlington Subdivision also requested the *Water Matters* articles to be distributed within their subdivision.

The articles are as follows:

Allen County Partnership for Water Quality: Here to Serve You
Christmas Tree Recycling
The How's & Why's of Conserving Water
Combined Sewer Overflow 101 (part 1)
Combined Sewer Overflow (part 2) – What Can You Do?
Combined Sewer Overflow Notification
Green Landscaping
Hoosier Riverwatch
Paved Surfaces
You Are the Solution to Water Pollution!
Storm Water (part 1)
Storm Water (part 2) – What You Can Do?
A Watershed; You're in One Now!
Where Does My Drinking Water Come From?
Spring Cleaning & Old Chemicals
Water Education Workshops for Teachers & Parents
Storm Drain Marking: Become Involved in Improving Water Quality

Website –

The Allen County Partnership for Water Quality created a website that went on-line in 2005 containing water quality information in order to promote better public awareness. The website can be found at www.acwater.org. The website features information about the Partnership itself but is also a source for information about watersheds in Allen County and about water resources in general. Teachers, students, neighborhood associations, realtors, and others can find information on the website tailored to meet their needs. The website also features the Partnership's series of brochures on topics such as Septic System Maintenance, Combined Sewers, Stormwater Pollution, "Green" Landscaping, Household Hazard Wastes, and Flood Awareness to name a few. The website has an email function by which an individual could ask a question regarding the County's Stormwater Program or stormwater in general. The website also provides addresses and phone numbers to enable the individual to contact the Partnership with further questions. The website provides dates, times, and sponsors of stormwater related events such as workshops and clean-up events. The website also provides links to other organizations that provide information about water resources and water quality improvement. Information about the watersheds and the watershed concerns within Allen County can also be found within the website, along with information on organizations within the area that focus on water quality improvements for specific watersheds such as the St. Joseph River Watershed Initiative and the Maumee River Basin Commission. It is currently not possible for the Partnership to track the number of "hits" on its website. The Partnership will need to develop different reporting and record keeping activities that will help determine the volume of traffic the site receives.

Public Education and Outreach (continued):

Stormwater Survey –

In 2004, Fort Wayne performed a survey of its utility customers in an attempt to gauge awareness of wet weather issues. The survey was done via a utility bill stuffer. The Allen County Partnership for Water Quality is planning to conduct a follow-up Stormwater Survey to assess the public's knowledge of stormwater issues in 2006.

Stormwater Educational Brochures –

The Allen County Partnership for Water Quality provides neighborhood associations with brochures and booklets which explain many water resource issues. The Partnership produced and distributed the following brochures:

"Stormwater Pollution – A Reference Guide for Homeowners" (400 distributed)

"Household Hazardous Waste" (300 distributed)

"Combined Sewer Overflow" (300 distributed)

"Drinking Water" (900 distributed)

"Green Landscaping" (700 distributed)

"Septic Systems" (200 distributed)

"West Nile Virus" (900 distributed)

"Ozone" (50 distributed)

"Maps of Allen County Watersheds" (11 distributed)

These were also distributed through the Partnership for Water Quality website at www.acwater.org, at the Partnership booth at the Three Rivers Festival, the Allen County Fair, and the Allen County Black Expo, and in Fort Wayne utility and public works offices.

The Allen County Partnership for Water Quality also produced and distributed a Stormwater Activity Book which is a 12 page activity book for kids. These books were distributed through the Partnership for Water Quality website at www.acwater.org, at the Partnership booth at the Three Rivers Festival, the Allen County Fair, and the Allen County Black Expo, and in Fort Wayne utility and public works offices. In addition, these books were distributed in bulk to requesting schools and organizations in Fort Wayne and around the state. For example, Hamilton County and the Town of Fishers together purchased 9,000 books for their stormwater education programs. The Partnership has distributed 37,880 Stormwater Activity books since 2003.

Solid Waste Management District Promotions –

Amount of material collected from Household Hazardous Waste Collections –

The Allen County Solid Waste Management District holds an annual Tox-Away Day that assists residents with the disposal of unwanted household hazardous waste such as oil based paint, paint thinner, pesticides and more. In 2005 the Allen County Solid Waste Management District aided in the rescue of over 20,000 pounds of household hazardous waste from our local landfills with this one day event. The following breakdown displays the most commonly disposed of items, and their weight:

- A. Flammable Liquids – 5,489 lbs.
- B. Toxic Solid & Poisons – 3,712 lbs.
- C. Flammable Paints & Adhesive – 3,290 lbs.
- D. Flammable Aerosols – 2,188 lbs.
- E. Oil-Based Paints – 1,478 lbs.

Number of constituent drop-off centers –

The following area locations, in accordance with the Allen County Solid Waste Management District, provide drop-off centers for automotive fluid recycling:

Good Year Auto Service Centers
4512 Maplecrest Road
Fort Wayne, Indiana

Hires Auto Parts
425 State Road 930 West
New Haven, Indiana

Public Education and Outreach (continued):

5809 Illinois Road
Fort Wayne, Indiana

7111 South Anthony Blvd.
Fort Wayne, Indiana

Napa Auto Parts
1119 South Anthony Blvd.
Fort Wayne, Indiana

Tire Center
3910 Coldwater Road
Fort Wayne, Indiana

Number of constituents that participate in collections: -

The participation in the annual Tox-Away day held by the Allen County Solid Waste Management District has grown steadily every year since its beginnings in 1999. In 2005 the number of constituents that participated in the Tox-Away Day event was 801. In comparison, there were 457 participants in 2001 and 709 participants in 2003.

Soil and Water Conservation District Activities –

Conservation Education Activities of the Allen County Soil and Water Conservation District & Saint Joseph River Watershed Initiative

January 18 - 20, 2005

Fort Wayne Farm Show

This 3 day event is the largest farm show in the area with an average turnout of 20,000 producers. This year's focus was on the New CSP program that NRCS is implementing. This program has emphasis on conservation programs, i.e. tillage, buffer strips, nutrient and pest management. An estimated 2,900 people stopped at the display booth or attended the educational seminars.

March 15, 2005

Tri State Tillage Expo

This is a concentrated 1 day Expo that brings over 300 producers together to learn about conservation tillage and to listen to speakers on information on chemicals and chemical usage, insect control and to keep their license up to date for chemical application. The more the producers know about the safe application the more runoff in the storm water. Also the more conservation tillage we can get on the ground the more sediment in the water. We try to keep the producer as up to date as possible with new information and new requirements and laws.

July 10 – 13, 2005

NACD North Central Region Meeting

This meeting was held in Fort Wayne with the Allen County SWCD as the host and surrounding counties as co-host. Over the 4 days of the event 250 people from the 8 state NACD North Central Region came to learn from each other. There were many sessions on conservation practices and new techniques. The main event was a bus tour with many stops to show the conservation practices being used in the field. There were stops in the Source Water Protection Initiative (SWPI) this is a beyond-the-laboratory effort to determine how well agricultural best management practices (BMPs) function when they are implemented in a real world, working watershed. The St. Joseph River, which provides the drinking water for Fort Wayne, IN, is vulnerable to the pollution that is picked up in the water from storms, irrigation, and other uses that runoff from the land and into surface water. The tour also included a tour of the Fort Wayne Water Filtration Plant. There was also a stop at a large Lake and River Enhancement (LARE) project, this program helps the producer install proper conservation items like filter strips, rock slides, and pipe structures that will help with the runoff from their fields to protect the storm water sediment and chemical runoff.

July 27, 2005

Summer Agronomic Twilight Tour

The Allen County SWCD annually hosts a Summer Agronomic Twilight Tour. This year's event was held at Advance Grain Farms owned by Roger and Dave Melcher. The evening event drew nearly 100 producers who had opportunity to learn from Certified Crop Consultant, Rich Recker and Ray Rawson of Rawson Systems, Mount Pleasant, Michigan regarding the benefits of using zone-tillage in corn and soybean production.

Public Education and Outreach (continued):

September 8, 2005

Rawson Systems Summer Field Day (Mount Pleasant MI)

In response to the overwhelming interest in zone-tillage at the Summer Twilight Tour, the District arranged an opportunity for producers to attend the Rawson Systems' Summer Field Day. Over 10 local producers participated in the day-long event to witness first-hand the benefits of long-term corn and soybean production in a zone-tillage system.

Throughout the year-2005 & 2006

Conservation Tillage Equipment Demonstration/Rental Program

The SWCD and the Saint Joseph River Watershed Initiative offer various types of conservation tillage equipment for on-farm demonstrations. This program allows the producers to use the equipment with the idea that if they like the results, they will purchase their own equipment and adopt the conservation tillage system on their entire farm operation.

February 22, 2006

Tri-State Conservation Tillage Expo

This took place on February 22, 2006 at the Kruse World War II Victory Museum. This year's conference examined zone tillage options, auto guidance and GPS, and how farmers can make the most of high-tech farming options. Facilitated round robin sessions gave exhibitors an opportunity to show off their products and attendees a chance to ask questions.

January 2006

Farm Expo

Various presentations were provided such as "Innovative Alternatives for Reducing Fuel Costs in Crop Production, Dollars and Sense of Woodland Management, and Pond Management and Liability.

March 29, 2006

Indiana Envirothon

This workshop included a 40 minute talk on the Saint Joseph River Watershed Initiative and how people can become involved with this program.

Booklet and Pamphlet Display

In 2005 the district now has available to us a display that holds 24 pamphlet size and 12 booklet size flyers to help inform the public as they enter our building.

SWCD Activities Associated with the Allen County Partnership for Water Quality

December 2004 and January 2005

2 articles were written about the Storm Water Activity Books (SWAB)

February and March 2005

SWAB were sent to Richmond, IN and Wolcott, IN

"Water Matters" articles were provided to neighborhoods in Fort Wayne

April 2005

Earth Day "Fate of a River" and "Fate of a River Revisit" were shown at Cinema Center

9000 SWAB were sent to Hamilton County & to Fishers, IN

May 2005

Start of a GLC grant for a video produced in this area showing Stormwater issues

June 2005

ACPWQ website became active:

Brochures

Water Topic articles

More Neighborhood Association Articles written

SWAB sent to New Jersey

November 2005

100 SWAB sent to Beach Grove, IN

ACPWQ set up and participated in the following events in 2005

Project WET training 2 classes; Partnership educator did the presentations at these classes

Public Education and Outreach (continued):

ACPWQ sat up tent and did water bracelets with the kids
Three Rivers Festival Kids Fest
4-H Fair
Sol Fest
Black Expo

Mass Media Opportunities –

Two articles were written for the Indiana Association of Cities and Towns (IACT) e-newsletter about the Allen County Partnership for Water Quality winning the Governor's Award for the Stormwater Activity Book for kids. This generated over 20 calls and emails requesting information about what the Partnership does and how they do it.

The Allen County Partnership for Water Quality organized an Earth Day public viewing of the PBS documentary "Fate of a River" and the update "Fate of a River: Revisited." The media coverage of this event was very good with articles appearing in the "Fort Wayne Reader," "Whatzup," the St. Joe, Indiana newspaper and other neighborhood publications. Two Fort Wayne radio stations also provided publicity.

Currently there is work just beginning for a PBS documentary on sedimentation in the Maumee River Basin. PBS Channel 39 in Fort Wayne will help the Allen County Partnership for Water Quality produce the video and distribute it to PBS stations around the Great Lakes region. A video for developers and contractors on best management practices for reducing sedimentation and erosion will also be produced as part of the project.

The Allen County Partnership for Water Quality hosted a Hoosier Riverwatch training workshop for stream monitoring volunteers on May 17, 2005 for 20 Allen County residents. The workshop received media coverage in the form of three local newspaper articles and time on a local news channel.

Two members of the Allen County Partnership for Water Quality were guests on the ½ hour show called *Bringing You the Basics* on Comcast Channel 58. The show discussed water resource partnerships and aired every week for two months.

b. Public Involvement and Participation:

Rule 13 Public Participation List –

List of Individuals with Interest in Stormwater Program -

Allen County has completed a list of individuals and groups likely to participate in Stormwater Programs and will update this list as additional groups come forward. The list is as follows:

Allen County 4-H

Future Farmers of America

Anthony Wayne Area Council Cub Scouts

Anthony Wayne Area Council Boy Scouts

Allen County High Schools

IPFW

Saint Joseph River Watershed Initiative

Maumee River Basin Commission

Hoosier Riverwatch Volunteers

Girl Scouts

Young Leaders of Northeast Indiana

Public Meetings –

The Allen County Partnership for Water Quality and City of Fort Wayne organize and facilitate a Watershed Team meeting monthly. The team includes Fort Wayne and New Haven city staff members and staff from Allen County offices. Outside groups including the SWCD, St. Joseph River Watershed Initiative, Invent Tomorrow, Allen County Greenbuild Coalition, Fort Wayne Young Leaders' River Group and individual citizens are invited to participate. Eleven watershed team meetings were held in 2005 with presentations on topics including Drainage 101, soils in the Fort Wayne area, water quality standards, and low impact development strategies. Between 12 and 20 people participate in these meetings on a monthly basis.

The Allen County Partnership for Water Quality organized an Earth Day public viewing of the PBS documentary "Fate of a River" and the update "Fate of a River: Revisited." These videos talked about water quality conditions in the Maumee River. This Earth Day event also featured a panel of discussion by local leaders after the films. Informational displays were also featured. There were 50 people that attended. High School classes from the area were also invited to see the films for two days before the public event.

Allen County conducts monthly drainage board meetings and quarterly meetings with the Purdue Cooperative Extension Service that are open to the public. About 20 people on average attend the drainage board meetings.

The Saint Joseph River Watershed Initiative has just started holding quarterly public stakeholder meetings for citizens within the Cedar Creek watershed. These meetings will continue to be announced on the SJRWI website, in local news outlets, and by email.

The Allen County SWCD sponsors public meetings that address land use conservation and water quality improvement topics.

Storm Drain Marking –

The Allen County Partnership for Water Quality is currently working with the Stormwater Maintenance Department of Fort Wayne to select the type of storm drain marking to be used. Once the type of marking is selected, groups will be recruited to do the storm drain marking.

Citizen Complaints –

Since citizen complaints on erosion control began being documented in December 2005, Allen County has received three complaints from the public concerning poor erosion control. The County promptly responded to these complaints the day they were received.

The following illustrate the details and subsequent actions taken by the County on each complaint. Note that even though the County currently does not have a Stormwater Management Ordinance in place, each complaint was inspected to gain further details and the person responsible for correcting the issue was asked to comply voluntarily.

Public Involvement and Participation (continued):

1. Complaint (1/3/06):

Amber Highland Subdivision – Off Amber Road and U.S. 24, southwest Allen County – mud and gravel on roads where construction is occurring. Complaint alleged that mud was being tracked onto roads by machinery due to the warm, wet weather conditions. Complainant stated that Beazer Homes needs to do a better job of keeping mud off of roads while they are doing their construction work. Dave Fuller is the building inspector.

Complaint originated from resident Michael McCloud.

Address: 7227 Tayside Trail, Fort Wayne, IN

Resolution:

Had Construction Inspection Supervisor send one of his crew members out to take pictures and inspect the site. Upon inspection of the roads near the construction sites within this subdivision, it appeared that Beazer Homes was putting forth a conscious effort to minimize the amount of mud and gravel on the roads and was trying to prevent large particulate sedimentation from entering the inlet storm drains. Beazer was using perforated gravel tubes and filter cloth placed in front of the inlets of the storm drains to prevent large amounts of sediment from entering the drains. It also appeared as if a front end loader was used to scrape sediment from the roads. Followed up by sending a letter to Mr. Shannon Miller at Beazer to encourage him to continue with the current erosion control efforts and to improve upon these efforts where possible to help alleviate any future complaints. Also recommended Mr. Miller replace one perforated gravel tube that was broken and badly damaged to prevent gravel from dispersing onto the road.

2. Complaint (3/27/06):

Note that even though the County currently does not have a Stormwater Management Ordinance in place, each complaint was inspected to gain further details and the person responsible for correcting the issue was asked to comply voluntarily.

Location

8304 Garman Road (west of Hull Road)

Cedar Creek Township (Northern Allen County)

Section 5

Surveyor's Office received a complaint from Highway Department employee of no erosion control for a construction site that is currently being developed. This development site was located next to the Schwartz Ditch and there was bare ground with no erosion control abutting this ditch. County Drain Maintenance person took pictures of the site. It was very evident that sediment was washing freely from the Construction site straight into the ditch. There was also no erosion control within the roadside ditch.

Resolution:

County employee talked to the contractor and told him that erosion control measures must be applied to prevent sediment from freely entering the ditch. The contractor agreed to apply erosion control measures to the construction site. Also, sent letter to property owner to make sure they press contractor to implement erosion control measures and to maintain them once they are installed.

3. Complaint (3/31/06):

Note that even though the County currently does not have a Stormwater Management Ordinance in place, each complaint was inspected to gain further details and the person responsible for correcting the issue was asked to comply voluntarily.

Location:

Harrison Fields Subdivision, Section 1

County Line Road West

Aboite Township, Section 7 (Western Allen County)

Surveyor's Office received complaint from another County employee that there were no erosion control measures on the construction sites currently under development in Harrison Fields Subdivision, Section 1. Upon inspection and review of pictures taken near the construction sites, it appeared the inlet storm drains had no erosion control measures being undertaken to prevent the free flow of sediment into the storm drains. Overall, the erosion control methods being followed were very poor. It was very evident that the erosion and sediment control plan that was submitted by the developer for this subdivision were not being followed.

Resolution:

A letter was sent to the developer stressing that proper erosion control measures must be undertaken to prevent a significant amount of sediment and other pollutants from being transported into the inlet storm drains. Recommendations were then provided for suggested BMPs that could be implemented for erosion control.

c. Illicit Discharge Detection and Elimination:

Stormwater System Map –

The County began mapping the stormwater conveyance systems within the priority watersheds. The Rule 13 SWQMP – Part B required the identification of areas having reasonable potential for actually causing stormwater quality problems based upon relevant land use data and identified sensitive areas, as well as, existing and available water quality data. Allen County has ranked the priority watersheds identified in Part B in an effort to further investigate water quality issues associated with stormwater runoff. Watersheds were ranked based on water quality concerns, such as, waterbody impairments, sensitive areas, and percentage of the subwatershed's land area that is located within the County's MS4 area. The priority watershed rankings revealed the Cedar Creek-Cedar Canyons watershed as having the highest priority ranking and the greatest concern. One of the major tributaries of the Cedar Creek is the Willow Creek, which was listed as # 5 in the watershed highest priority rankings. Based on this data, it was determined that the stormwater system mapping needed to begin near the Willow Creek tributary. The first subdivisions to be mapped were chosen within the Willow Creek watershed. Subsequent subdivisions were chosen along an eastward progression following the Willow Creek watershed up to where the Willow Creek feeds into the Cedar Creek. This helped fulfill the requirement of prioritizing program efforts to coincide with priority watershed rankings.

As required by Rule 13, the County will map the locations of all outfalls and conveyances under the MS4 operator's control. IDEM further defines MS4 conveyance systems as outfall conveyance systems with a pipe diameter of twelve (12) inches or larger and open ditches with a two (foot) or larger bottom width. Allen County has decided to take this requirement one step further and map not only the locations of the outfalls and conveyances, but also the entire stormwater sewerage system, including the locations of all stormwater pipes, manholes, inlets, control structures such as weirs and control valves, and grade beam and control outlets. Additionally, the physical aspects of each of these structures is also being documented such as the size, casting type, number of infall and outfall pipes, and whether there are weeper holes, mortar collars, or poured inverts. Pictures of each outfall were also taken and will be logged in a database and linked to each outfall location. When viewing each outfall mapping digitally within GIS, it will be possible to click on each outfall located within the GIS map and bring up a picture of that particular outfall. These pictures will help serve as a historical reference for each outfall.

Currently, Allen County has 25% (392,700 linear feet) of the MS4 area outfalls located on hard copy maps. Allen County is currently in the process of digitizing not only the outfall locations but also the stormwater pipes, manholes, inlets, and control structures and outlets discussed previously. This just started in February 2006 and is currently about 25% (392,700 linear feet) complete.

Illicit Discharge Detection and Elimination Ordinance –

The Final Draft of the Stormwater Management Ordinance of Allen County was approved by the Allen County Surveyor's Office Managerial and Engineering staff. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination, Construction, and Post-Construction Minimum Control Measure as specified by Rule 13. Allen County will now seek approval from the County to approve the adoption of this Ordinance. It is anticipated that this ordinance will be approved in August 2006.

Annual IDDE, Good Housekeeping, and Pollution Prevention Staff Training – will start beginning in 2006.

d. Construction Site Storm Water Run-off Control:

Erosion and Sediment Control Ordinance –

The Final Draft of the Stormwater Management Ordinance of Allen County was approved by the Allen County Surveyor's Office Managerial and Engineering staff. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination, Construction, and Post-Construction Minimum Control Measure as specified by Rule 13. Allen County will now seek approval from the County to approve the adoption of this Ordinance. It is anticipated that this ordinance will be approved in August 2006.

Plan Review, Site Inspection, and Enforcement –

Plan review and site inspections for stormwater quantity construction activities are done on a regular basis. Plan review and site inspections for erosion and sediment control will start once the County Ordinance is passed in 2006.

Staff Training - Eight staff members from the Surveyor's Office attended a workshop on April 19, 2005 to learn about the Rule 13 ordinance requirements and to discuss proposed language in the comprehensive Stormwater Management Ordinance and Technical Standards.

Stormwater and Soil Erosion and Sediment Control Seminar – Angola, Indiana – February 2, 2006

This seminar included a presentation by Randy Braun of IDEM that outlined the stormwater rules for compliance with both Rule 5 and Rule 13 stormwater regulations. A presentation was also given by John Whitescarver of the National Stormwater Center on inspecting construction sites for compliance with Rule 5 and Rule 13. This presentation outlined some of the things to look for if someone was placed into the role of an inspector of a construction site to verify stormwater permit compliance. A presentation was also given by Rod Renkenberger of the Maumee River Basin Commission on the effects of sedimentation on the rivers. Finally, a short presentation was given by a local supplier on some of the latest techniques and products that are available to help comply with the new stormwater regulations. The Allen County Surveyor's Office Stormwater Quality/MS4 Manager and two Construction Inspectors attended this seminar.

Urban Storm Water Management and Low Impact Development Seminar – February 24, 2006

This seminar discussed urban stormwater hydrology and the environmental impacts of urban runoff. It also discussed source and structural treatment controls along with low impact development and bioretention. The Allen County Surveyor's Office Stormwater Quality/MS4 Manager attended this seminar.

EJP/ADS Vendor Stormwater Product Seminar/Luncheon – February 9, 2006

This seminar was given by a local supplier on some of the latest techniques and products that are available to help comply with the new stormwater regulations.

The Allen County Surveyor's Office Staff (12 people) attended this seminar.

Post Construction 101 Seminar with Nikos Singelis of the EPA's NPDES Stormwater Program – March 16, 2006

This webcast seminar described the post-construction program requirements and how innovative programs such as Low Impact Development and Smart Growth could be used to help meet these requirements.

The Allen County Surveyor's Office Engineering and Design Staff (7 people) attended this seminar.

Erosion and Sediment Control and Post Construction BMP tracking – The Surveyor's office is trying to purchase the ASIST software to set up a database to track construction projects, erosion and sediment control activities, and post-construction BMPs. It is anticipated that this software will be purchased in September 2006.

Procedure for Prioritizing Review and Inspection of Construction Activities – the procedure was completed and is being utilized.

Inspection and Enforcement Documentation –

Inspections for stormwater quantity construction activities are done on a regular basis. Inspections for erosion and sediment control will start once the County Ordinance is passed in 2006.

Quality Assurance/Quality Control (QA/QC) of Overall Program – During 2005, the Highway Department has submitted all County operated projects that require Rule 5 review to the state for approval.

e. Post-construction Storm Water Management in New Development and Redevelopment:

Post-construction Control Ordinance –

The Final Draft of the Stormwater Management Ordinance of Allen County was approved by the Allen County Surveyor's Office Managerial and Engineering staff. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination, Construction, and Post-Construction Minimum Control Measure as specified by Rule 13. Allen County will now seek approval from the County to approve the adoption of this Ordinance. It is anticipated that this ordinance will be approved in August 2006.

Post-construction BMP Operation and Maintenance Plan – Currently the county does not own or operate any post-construction BMPs. However, upon acquisition of any future BMPs, the county will develop and implement an Operation and Maintenance (O & M) Plan.

f. Pollution Prevention and Good Housekeeping for Municipal Operations:

MS4 Conveyance System Maintenance –

The following conveyance systems and structures were maintained during the report period:

Structure filled with debris was cleaned - Aboite Township Section 22, Aboite Lake Dr. (1/21/05) 2.) Catch Basin cleaned - Cedar Creek Section 30, Mallard's Lake Subdivision (3/7/05) 3.) Removed trash along ditch - St. Joe Township Section 35, Shannonside Sub. (3/15/05) 4.) Common area has clogged pipes and trash rack, having homeowner's association clean it up - Aboite Section 14, Copper Hill Sub. (3/21/05) 5.) Cleaned grates - Washington Township Section 11, Hearthstone Village Sub. (4/1/05) 6.) Repaired outlet pipe in detention pond - Aboite Township Section 13, Covington Chase Sub. (4/22/05) 7.) Tile Repaired - Eel River Township Section 16, Wesley Chapel Road (5/19/05) 8.) Removed large tree in drain - St. Joe Township Section 35, Bullerman drain (5/23/05) 9.) Obstructed pipes cleaned - Aboite Section 2, Brenton Glens Sub. (6/17/05) 10.) Storm grate cleaned - Aboite Township Section 22, Plantation of Aboite (6/29/05) 11.) Tree removal from drain - Adams Township Section 1, Bullerman Drain (7/18/05) 12.) Tree removal from drain - St. Joe Township Section 35, Bullerman Drain (7/18/05) 13.) Removed debris/tires from Hoffman #2 Drain - Jefferson Township Section 33, Maples Rd. (9/8/05) 14.) Replaced culvert on Hamm Drain -Scipio Township Section 28 (9/14/05) 15.) Storm drain replaced - St. Joe Township Section 23, Arlington Park (10/19/05) 16.) Replaced broken drain tile - Aboite Township Section 33, 7314 Bradbury St. (10/26/05) 17.) Replaced drain grate - Aboite Township Section 7, Jonathan's Landing (10/27/05) 18.) Removed tree in ditch - St. Joe Township Section 26, Hacienda Village Sub. (11/7/05)

Ditches Debrushed - Henry Bandelier Drain = 6550 ft., Bass Drain = 3242 ft, Bobay #2 = 3185 ft., Chapman = 9345 ft., Dannenfels #2 = 438 ft., Doctor = 2585 ft., Flatrock = 8640 ft., Fogwell = 3021 ft., Graham #2 = 2823 ft., Jerry Gump = 1732 ft., Hatch = 6069 ft., Hitzeman = 10997 ft., Hoffman-Flatrock = 7932 ft., Huegenard #2 = 1867 ft., Jacob-Koehlinger = 5560 ft., Willow Creek Main = 5555 ft., Winward = 1500 ft. Total feet debrushed = 81,041 linear feet.

Also see Allen County Highway Report for further information.

Street Sweeping Program -

See Allen County Highway Report

Salt and Sand Management –

See Allen County Highway Report

Snow Disposal Areas –

See Allen County Highway Report

Spill Prevention and Clean Up –

See Allen County Highway Report

Vehicle Maintenance Areas –

See Allen County Highway Report

Wash Water Management –

See Allen County Highway Report

Fertilizer and Pesticide Management –

See Allen County Highway Report

Canine Park Location – The County does not own or operate any canine parks.

Waste Disposal –

See Allen County Highway Report

Flood Management Projects –

Currently the county does not own any flood management projects. Projects are reviewed to make sure hazardous chemicals are not going to be stored within a floodplain. Better review to address improved stormwater quality measures and practices will take place once the Stormwater Management Ordinance is passed in 2006 and review for issuance of a stormwater permit takes place.

g. Other controls:

None at this time.

10. List all receiving water(s) and corresponding outfall(s) not submitted in the original NOI letter (form):

None additional to report.

11. Provide any data regarding the following programmatic indicators, since the previous annual report (Attach separate sheets as necessary, and indicate, as appropriate, the rationale behind not using a listed indicator):

(See attached spreadsheet for reporting on all Programmatic Indicators.)

- i. Number or percentage of citizens that have an awareness of storm water quality issues
- ii. Number and description of meetings, training sessions, and events conducted to involve citizens
- iii. Number or percentage of citizens that participate in storm water quality improvement projects
- iv. Number and location of storm drains marked or cast
- v. Estimated linear feet or percentage of MS4 conveyances mapped
- vi. Number and location of MS4 area outfalls mapped
- vii. Number and location of MS4 area outfalls screened for illicit discharges
- viii. Number and location of illicit discharges detected
- ix. Number and location of illicit discharges eliminated
- x. Number of, and amount of material collected from, HHW collections
- xi. Number and location of citizen drop-off centers for automotive fluids
- xii. Number or percentage of citizens that participate in HHW collections
- xiii. Number of construction sites permitted for storm water quality
- xiv. Number of construction sites inspected
- xv. Number and type of enforcement actions taken against construction site operators
- xvi. Number of public informational requests received related to construction sites
- xvii. Number, type, and location of structural BMPs installed

- xviii. Number, type, and location of structural BMPs inspected

- xix. Number, type, and location of structural BMPs maintained, or improved

- xx. Type and location of nonstructural BMPs utilized

- xxi. Estimated acreage or square footage of open space preserved and mapped

- xxii. Estimated acreage or square footage of mapped pervious and impervious surfaces

- xxiii. Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs

- xxiv. Number and location of entity facilities that have containment for accidental releases

- xxv. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity

- xxvi. Estimated linear feet or percentage and location of unvegetated swales and ditches that have an adequately sized vegetated filter strip

- xxvii. Estimated linear feet or percentage and location of MS4s cleaned or repaired

- xxviii. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized

- xxix. Number and location of storm water outfall areas remediated from scouring conditions

- xxx. Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure

- xxxi. Estimated amount, in tons, of salt and sand used for snow and ice control

- xxxii. Estimated amount of material collected from catch basin, trash rack, or other structural BMP cleaning

- xxxiii. Estimated amount of material collected from street sweeping

- xxxiv. Number or percentage and location of canine parks sited at least 150 feet away from a surface water body

- xxxv. Other

PART D: MISCELLANEOUS INFORMATION

12. On-going Water Quality Characterization Activities

a) Monitoring Data (submit summary of appropriate results):

The County's SWQMP Part B submittal included an evaluation of the IDEM's 2002 303(d) List of Impaired waters. As a part of this evaluation, it was determined that Cedar Creek (04100003090090 and 04100003090090), Bullerman Ditch and Tributaries (04100005010040), Spy Run Basin (04100004060060), Black Creek (04100003070050), Willow Creek and Tributary (04100003090080), St. Mary's River (04100004060030, 04100004060050, 04100004060060), Bottern Ditch and Tributaries (04100005010090), Maumee River (04100005010010, 04100005010040, 04100005010060), Cedarville Reservoir (04100003070050), and St. Joseph River (04100003070050, 04100003100040, 04100003100010, 04100003100020) were determined to be impacted by stormwater related stressors.

Based on an evaluation of the IDEM's 2004 303(d) List of Impaired Waters it has been determined that all of the stream reaches identified on the 2002 303(d) list except Black Creek (04100003070050) and Bottern Ditch and Tributaries (04100005010090) remain on the 2004 List of Impaired Waters. Since the Part B submittal, Cedar Creek (04100003090090) which had been listed for FCA for PCBs and E.coli is now only listed for E.coli. In addition, Cedarville Reservoir (04100003070050) had been listed for E.coli in 2002 and is now listed for E.coli, algae, taste, and odor. The St. Joseph River (04100003100010) was listed for FCA for PCBs and Hg in 2002 and is now also listed for E.coli.

In addition, the County has reviewed the draft 2006 303(d) List of Impaired Waters, in order to take advantage of the most recent water quality data. Based on this evaluation the County is aware that Cedar Creek, Bullerman Ditch and Tributaries, Spy Run Basin, Willow Creek and Tributary, St. Mary's River, Maumee River, Cedarville Reservoir, and St. Joseph River are still considered to be impaired. Black Creek and Bottern Ditch and Tributaries are not listed on the 2006 List of Impaired Waters. Cedarville Reservoir had been listed for E.coli in 2002 and 2004 and is now listed for FCA for PCBs and Hg. The County has also learned that Spy Run is being moved from Category 5A to Category 2 or 3 for Impaired Biotic Communities. In addition, the St. Mary's River is being moved from Category 5 to 4A for E.coli. The Little River-Allen (05120101100030) and Aboite Creek-Big Indian/Little Indian Creeks (05120101100060) (neither of which had not been included on previous lists) are being added to Category 5A for problems with E.Coli.

b)Other:

13. Discuss any problems encountered during this period (include any BMP changes in response to problems encountered).

None to Report.

14. Identify any new funding source(s) for implementing this permit.

None to Report.

15. Identify any non-routine (i.e. do not include routine maintenance or cleaning) budgetary transactions related to your permit. List all storm water improvement projects started during this reporting period.

No ordinance enforcement fines have been collected at this time.

16. Provide a summary of complaints received and the follow-up actions taken in reference to storm water quality issues.

See Public Involvement and Participation section (pages 8 and 9) above.

17. Implementation status:

a. Are the six minimum control measures being implemented within the compliance schedule and SWQMP timetables?

Yes No*

* If no, explain:

b. Do you foresee any problems which may affect full implementation of all the measures?

Yes No*

* If yes, explain:

c. Are the six minimum control measures meeting percent reduction goals specified in the SWQMP?

X Yes No*

* If no, explain:

PART E: CERTIFICATION AND SIGNATURE

► The individual completing this report, listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

"By signing this Rule 13 annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Type or Print Name: _____, **Allen County Commissioner**

Signature: _____

Date: _____
(mm/dd/year)