



# 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/npdes/permits/wetwthr/storm/rule13.html>

REPORTING YEAR (Check one)
<input type="checkbox"/> 2006
<input checked="" type="checkbox"/> 2007
<input type="checkbox"/> 2008
<input type="checkbox"/> 2009
<input type="checkbox"/> 2010
<input type="checkbox"/> 2011
<input type="checkbox"/> 2012
<input type="checkbox"/> 2013

<b>PART A: GENERAL INFORMATION – MS4 OPERATOR</b>		
1. Report Completed By:	Allen County Surveyor's Office on behalf of the Allen County Commissioners <small>(MS4 Operator — i.e., name of permit holder)</small>	
2. Permit Number:	INR 0 4 0 131	
3. Mailing Address	Street Address: Room 610, City County Building, One East Main Street	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Town	Of: Fort Wayne	Zip: 46802      County: Allen

<b>PART B: GENERAL INFORMATION – CONTACT PERSON</b>	
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:

In July 2002, the City of Fort Wayne, City of New Haven and Allen County partnered to express their commitment to water resource education by creating the Allen County Partnership for Water Quality (ACPWQ). The activities of this Water Quality Partnership will be utilized heavily to fulfill the Public Education and Public Involvement requirements for the NPDES Phase II requirements. The Allen County Surveyor's Office will oversee Illicit Discharge, Construction, and Post Construction compliance and the Highway Department will oversee Good Housekeeping with Surveyor's Office guidance.

The Allen County Partnership for Water Quality hired a Water Resource Education Specialist (Matt Jones) with the task of better educating the public and media on water resource issues. The ACPWQ focuses its educational efforts on stormwater pollution, combined sewer overflow, watershed issues, and improving stormwater quality. The Allen County Partnership for Water Quality focused on water quality education within the area high schools and other youth type groups. Additionally, the Partnership focused on education of water quality issues at the various county and city festivals. The staff provides information to the public through public presentations, booths at fairs and festivals, distribution of brochures, newsletter articles and other media formats, and interaction with teachers and classrooms. The following is a list of Public Education and Outreach activities that were performed.

### Community Functions

The Allen County Partnership for Water Quality staff and volunteers provided watershed education to several thousand adults and children by participating in several community events during the year 2007 as follows:

*Three Rivers Festival Kids Fest:*

Approximately 1030 brochures and 220 stormwater activity books were distributed. Presentation and activity entitled "Macroinvertebrate Mayhem" was performed throughout the day. Additionally, 25 DVDs for the video "A Watershed Mentality" were distributed and one Project WET Module was distributed. This event was held in July 2007 and 200 people participated and 300 people observed. There were 6 volunteer hours for this event.

*Three Rivers Festival Rivers of History:*

Approximately 38 brochures were distributed. This was the first year for this event. The Partnership Education Specialist was the guest speaker and gave a brief geologic history of the rivers, a talk about their importance to Allen County at-large and the stormwater/water quality issues these water bodies face. Additionally, one Project WET Module was distributed. This event was held in July 2007 and 50 people participated and 100 people observed.

*Johnny Appleseed Festival:*

The Partnership Education Specialist gave regular presentations as character "Dr. I.C. Coldwater" at this festival on the benefits of keeping our streams and waterways pollution free. There were three different Project WET activities at this festival also. This event took place in September 2007. About 300 people participated in this event and there were 600 observers. Additionally, 60 brochures were distributed to festival-goers, 24 Project WET modules were distributed, and there were 8 volunteer hours for this event.

*Turnstone Rehabilitation Center:*

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission to produce a documentary on soil erosion and sedimentation in the Maumee River Basin. The video shows footage of pollution of our area rivers and streams, explains the water cycle, shows the impacts of environmental destruction on our ecosystem, and shows the damage to the economy and jobs. The Partnership provided a showing of this video. This September event had 18 people present. Additionally, 18 brochures were distributed.

*Black Expo Festival:*

The Partnership distributed about 50 brochures and 25 videos at this August event and made contact with several different groups about volunteering. There were about 350 people that stopped by the Partnership Booth.

*Maumee River Heritage Canoe Trip:*

This canoe trip down the Maumee River gave an excellent opportunity to speak of water quality and improvements within the Maumee River Watershed. There were 7 people in attendance at this June event.

*Allen County 4-H Fair:*

The Partnership was able to secure a spot for a presentation during Kids Day at the county fair. Approximately 80 brochures and 20 stormwater activity books were distributed. This event was held in July 2007 and about 50 people participated and 20 people observed. Additionally, 2 Project WET modules were distributed.

## Public Education and Outreach (cont):

**The Allen County Partnership for Water Quality provided the following presentations and workshops to various groups located within Allen County:**

*Wild Walkers:*

This nature group has been hiking around the area for the past 5 years. The Partnership gave a tour of the Camp Scott wetland and spoke about various stormwater issues. There were 15 people in attendance at this June event and 45 brochures were distributed.

*North River Task Force:*

The Partnership spoke about water quality issues facing the Maumee River and how development in this area might impact it. The Partnership suggested stormwater BMP alternatives that might help mitigate and enhance the area and its riverfront development. There were 50 people that participated in this discussion and 50 people observed. Additionally, there were 20 brochures distributed and 3 videos of "A Watershed Mentality" distributed at this July event.

*Eco Camp:*

In June the Fort Wayne Botanical Conservatory hosted this camp for kids where wetlands were discussed. There were 24 people in attendance and 72 brochures distributed. Additionally, 24 stormwater activity books were distributed along with 2 Project WET modules.

*Oak Pointe & Kensington Downs Neighborhood Associations:*

These neighborhoods were having serious issues with their ponds and asked for a representative from the Partnership to meet with the board and inform them as to how to control stormwater contamination, algal growth, and erosion. There were 56 people in attendance for the Oak Pointe meeting and 18 brochures distributed and 4 people in attendance for the Kensington meeting.

*IDNR Northeast Indiana Tree Stewards:*

This October event featured a presentation by the Partnership on Soil Education at Franke Park in Fort Wayne. There were 23 people in attendance and 25 brochures distributed. Additionally, there were two Project WET modules distributed. There was 1 volunteer hour for this event.

*Northeast Green Build Coalition (NEIGBC):*

A building charrette was held at IPFW in September. The meeting was about the development of the NEIGBC/Habitat for Humanity "Green/Sustainable Living" project. The Partnership was present to address site landscaping and suggested the placement of on-site stormwater BMPs on the property. There were 63 people in attendance.

**Project WET Activities**

The Project WET modules in the Partnership library have continued as an excellent resource for presentations. The Partnership is connected with the IPFW Project WET trainings for Educators by acting as a resource and assistant to the IPFW instructor. This will increase the awareness of local educators. Sponsorship of these trainings will not interfere with the IPFW mission. In addition to this, these modules have begun to catch on as a ready-resource for educators. The modules were utilized by 6 different educators. The Partnership sponsored the following additional Project WET activities:

*Science Central Professional Educator's Seminar:*

This September workshop involved presenting material on wetlands and on the Partnership and the resources it provides. There were 15 people that participated actively in this seminar and about 120 others that observed. Additionally, there were 25 brochures distributed and 25 stormwater activity books distributed. There were also 10 videos of "A Watershed Mentality" distributed along with 2 Project WET modules.

*Home Schoolers Expo:*

This Expo took place in August to let Homeschoolers know about Project WET and to promote opportunities for volunteerism, tours, and "A Watershed Mentality" video presentations. About 120 people were in attendance. There were 20 brochures, 35 stormwater activity books, 5 "A Watershed Mentality" videos, and 3 Project WET modules distributed.

*Summit Middle School:*

The Science instructor included Project WET, the Enviroscape module, and stormwater into her class curriculum.

## Project WET Summary:

Number of Demonstrations: 56      Number of Check-outs: 6

## Public Education and Outreach (cont):

### **Wetland Projects**

The Partnership was involved with several wetland projects over the past year as follows:

#### Little River Wetland Project:

The mission of Little River Wetlands Project, Inc. and Eagle Marsh is to facilitate the restoration of wetlands in the historical Little River watershed and provide educational opportunities that inspire and challenge individuals to be good stewards of all natural resources.

The programs of Eagle Marsh educate people of all ages about wetlands and related nature topics. This organization is also a good neighbor, supplying consultation to private parties who wish to preserve or restore their land, opportunities for scientific study to nearby universities, and recreation in the form of hiking, birding, and nature photography for the 350,000 residents of Allen County and surrounding areas.

The Allen County Partnership for Water Quality enlisted the help of the Little River Wetland Project to help staff future events. In return, the Partnership will continue to assist LRWP in their education and outreach efforts. There will also be a mutual promotion of each other's events. Each agency will retain their respective mailing lists but send information out on the behalf of the other agency. The first activity planned was a Partnership presentation on "Wetlands and Water Quality" in March at the LRWP monthly breakfast.

#### Southtown Shopping Center Wetland:

The Southtown Wetland is a constructed wetland that was designed to detain storm water runoff from the shopping center parking lot and the surrounding watershed. This wetland will be used by the Partnership for various educational purposes. There will be an education curriculum for 5<sup>th</sup> grade level students that visit the wetlands as a part of their nearby Safety Village field trips.

#### Camp Scott Wetland:

Camp Scott is an engineered wetland that was constructed as a storm water detention facility that helps to reduce the risk of basement backups during wet weather conditions in neighborhoods around McMillen Park. This also helps to manage the number of CSOs being sent to the Maumee River. This wetland is being used by the Partnership for various educational purposes as follows:

#### *Indiana Wesleyan College Ecology and Business Class Tour:*

This was a tour given of Camp Scott in August to this business class. It focused on a discussion of how this facility was the result of efficiency achieved through non-traditional thinking and problem solving and discussed the nature of private enterprise opportunities that exist within the various technologies at work with water quality and its processes. There were 7 students in attendance with 6 different brochures distributed to each student. There were 3 volunteer hours by 1 person.

#### *National Junior Horticultural Association Symposium:*

In October the Partnership arranged a tour of the Camp Scott wetland for the National Symposium of the Junior Horticulturalists Association. About 130 attended the four tours. Additionally, there were 4 volunteer hours.

#### *Camp Scott Night Tour:*

This was a night tour of the Camp Scott Wetland with News Sentinel newspaper sponsorship. This September tour had 17 people attend. There were 20 brochures distributed and 10 stormwater activity books distributed.

#### *IN Natural Resources Education Center:*

This was a Project WET training for Homeschoolers in Northern Indiana. This September event provided a presentation on wetland education. There were 31 people that attended and 93 brochures and 3 Project WET modules distributed.

### **Videos**

The Partnership produced two videos to address erosion and sediment control as follows:

#### "A Watershed Mentality" Documentary:

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission and produced a documentary on soil erosion and sedimentation in the Maumee River Basin. PBS television channel 39 in Fort Wayne helped in the production of the video. The video shows footage of pollution of our area waterways, shows the impacts of environmental destruction on our ecosystem, shows the damage to the economy and jobs, shows some success stories on controlling erosion and improving water quality, and describes how public attitudes toward the environment have changed. Additionally, interviews with various mayors and public officials, laypeople, and other professionals were done. The video aired on PBS Channel 39 for several nights in June 2007. It has been adopted by National PBS for distribution to other affiliates. Those affiliates that have shown "A Watershed Mentality" within the Maumee River Basin include: Lima/Bowling Green and Toledo.

## Public Education and Outreach (continued):

The Great Lakes Commission has since informed the Partnership that this documentary has become the new standard for erosion and sediment control within the Great Lakes Basin. This video was provided to all Allen County libraries. The following is a partial listing of some of the groups that have been shown this video:

*“A Watershed Mentality” Debut at Indiana Tech (May)* – this was the debut for the video in Fort Wayne and was very well attended by the public. Several county officials and administrators were present. The Life Sciences class from Ivy Tech attended. There were 220 people total in attendance. There were also 120 brochures distributed and 3 videos distributed.

*Indiana Rivers Rally (June)* – showed the video and presented a “poster session” on the education opportunities within the documentary. There were 200 people who attended this screening, 200 brochures distributed, 10 stormwater activity books distributed, and 12 of the videos distributed.

*“A Watershed Mentality” Debut at Lake Erie Center (June)* – this was the debut for the video in Toledo, Ohio. There was a Panel Discussion that took place at the end. The Panel of Experts answered many public questions. There were 120 people total in attendance. There were 14 “A Watershed Mentality” videos distributed.

*Harding High School Earth Science Classes (October)* – showed video to 220 students at this local high school and distributed 10 Project WET modules and 3 of the videos. Students had to write a report on the documentary.

*Stormwater Institute (October)* - showed video at this conference in Toledo, OH. There were 18 people that watched it and 60 videos were picked up at the Partnership booth by other conference attendees who were from various parts of the country.

*Maumee River Basin Partnership of Local Governments (October)* – showed the video at this conference in Findlay, Ohio. There were 45 people that watched it, 20 brochures distributed, 10 stormwater activity books distributed, and 60 videos were picked up at the Partnership booth by the conference attendees.

*Fort Wayne Turnstone Presentation (August)* – the first of two presentations of this video at Turnstone Center for the Disabled. This particular showing of the video had 22 people in attendance. There were 20 brochures distributed and 2 videos distributed.

*Western Lake Erie Basin Meeting (August)* – this meeting was held in Toledo, Ohio for this group which promotes water quality practices to improve the water quality of Lake Erie and its watershed. Most of Allen County’s water flows to Lake Erie via the Maumee River. About 50 people were in attendance and watched the Partnership’s video and 50 videos were distributed.

*St. Joseph River Watershed Initiative (July)* – this group promotes water quality practices in the St. Joseph River watershed, which comprises part of Allen County. This showing of the video took place in Montpelier, Ohio. There were 70 people in attendance and 8 of the videos were distributed.

### “Green Sells” Construction BMP Video:

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission to produce a video for developers and contractors on best management practices for reducing sedimentation and erosion. The 15 minute video focuses on the cost-benefits of compliance with the NPDES regulations and on the project management needed to comply. Additionally, there was a partnership established with the Erosion Control Technology Council to be able to show this DVD on ESCN TV as a webcast ([www.escn.tv](http://www.escn.tv)). This Erosion and Sediment Control Network is a weekly program that features stories, tips, and erosion control products. The release date for this video was June of 2007. The Partnership has cultivated a distribution list for the video and will be mailing them according to response and interest. This video was provided to all Allen County libraries. Screenings have included the following:

*Sewer Advisory Group (October):* the “Green Sells” video was shown to this Allen County group along with “A Watershed Mentality.” There were 18 people in attendance and 2 videos distributed.

*Developer’s Meeting (September):* the “Green Sells” video and “A Watershed Mentality” video were shown to some of the Developer’s and the Allen County Commissioners at their monthly county-sponsored forum meeting. There were 11 people in attendance at this meeting. Additionally, there were 33 brochures distributed and 3 of the videos distributed.

### **Training for Construction Professionals**

#### *Homebuilders Association of Fort Wayne:*

The Allen County Surveyor sent a draft of the Stormwater Management Ordinance of Allen County to the Home Builders Association of Fort Wayne.

## Public Education and Outreach (continued):

The Home Builders Association has been continually reviewing and discussing the ordinance at their meetings. The Allen County Surveyor has been involved in multiple meetings with members of the Home Builders Association to try and answer questions that they have with regards to the ordinance and to help them gain a better understanding of what will be required upon adoption of this ordinance. Additionally, the HBA of Fort Wayne was informed of the EPA webcasts that are available on the EPA's website that pertain to the new NPDES requirements that can be viewed at their leisure. 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 within the ordinance.

### *Construction BMP Video:*

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission to produce a video for developers and contractors on best management practices for reducing sedimentation and erosion. The 15 minute video focuses on the cost-benefits of compliance with the NPDES regulations and on the project management needed to comply. This video has interviews and information provided from various public officials and professionals in erosion control describing the best management practices for reducing sedimentation and erosion for this area. This video was shown to some of the Developer's and the Allen County Commissioners at their monthly county-sponsored forum meeting. There were 11 people in attendance at this meeting.

Additionally, local supplier EJP has provided 2 training sessions for developers on erosion and sediment control in 2007.

### **Newsletter Articles**

The Allen County Partnership for Water Quality 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 and many are also available for download on the Partnership's website. The following is a listing of the articles available:

*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*  
*Pet Waste*  
*Responsible Auto Maintenance*  
*Stormwater Friendly Lawn Care*

### **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](http://www.acwater.org). The website features information about the Partnership itself but is also a source for information 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 and also includes volunteer opportunities related to stormwater.

## Public Education and Outreach (continued):

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.

This past year the Partnership for Water Quality performed a re-design of the Partnership's website by improving the overall appearance of the site, by adding a community calendar, by adding further water quality content and information, by modifying the website to enable it to be loaded faster on dial-up modems, and by developing meta-data files that would make the site more identifiable by web search engines.

Additionally, the Allen County website ([www.co.allen.in.us](http://www.co.allen.in.us)) includes links to the proposed Stormwater Management Ordinance and Technical Specifications documents along with the minutes of past Drainage Board meetings for the public's view. The Allen County website is currently in the process of adding stormwater quality and NPDES information to the website within the Allen County Surveyor's Office link. There will be educational information on water quality and links to further educational material, Report-A-Polluter information and form, NPDES forms, background information on the NPDES program, a link to the stormwater survey, and listings for volunteer opportunities to help improve the water quality within Allen County. Contact information will also be added to the website for anyone with further questions.

### **Stormwater Educational Brochures**

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

- "Stormwater Pollution – A Reference Guide for Homeowners" (455 distributed)
- "Household Hazardous Waste" (355 distributed)
- "Combined Sewer Overflow" (355 distributed)
- "Drinking Water" (480 distributed)
- "Green Landscaping" (655 distributed)
- "Septic Systems" (264 distributed)
- "West Nile Virus" (625 distributed)
- "Ozone" (50 distributed)
- "Maps of Allen County Watersheds" (11 distributed)

These brochures were distributed through the Partnership for Water Quality website at [www.acwater.org](http://www.acwater.org), at the Partnership booth at the Three Rivers Festival and Three Rivers Festival Kidsfest, the Allen County 4-H Fair, Sol Fest, the Allen County Black Expo, the River Walk, the Turnstone Center, the Home Schooler's and Educator's Workshops, and in Fort Wayne utility and public works offices.

The Partnership produced the following new brochures in 2007:

1.) **Camp Scott Brochure**

A brochure was produced and distributed about the Camp Scott Constructed Wetland.

2.) **Pet Waste Brochure**

The Partnership produced a brochure describing how pet waste affects stormwater and provides information on the best way of disposing of pet waste.

3.) **St. Joseph River Brochure**

This brochure combined educational elements of the CSO and stormwater brochures along with a call for volunteers. It also contains a map of the Lower St. Joseph River.

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](http://www.acwater.org), at the Partnership booth at the Three Rivers Festival, the Allen County 4-H Fair, and the Allen County Black Expo. In addition, these books were distributed in bulk to requesting schools and organizations in Allen County and around the state. For this past year, the Partnership distributed about 434 Stormwater Activity Books.

### **Stormwater Survey**

The Allen County Surveyor's Office has recently developed a Stormwater Survey to assess the public's knowledge and understanding of stormwater issues. This will allow Allen County to better target their education and outreach activities. The Allen County Surveyor's Office recently placed the survey on the Allen County website ([www.co.allen.in.us](http://www.co.allen.in.us)). A link from the Allen County Partnership for Water Quality website to the Allen County survey web page may also be pursued.



## Public Education and Outreach (continued):

The Allen County Partnership for Water Quality has been distributing the stormwater survey to local residents at community events. However, this approach has yielded sub par results as few surveys have been returned.

The town of Leo-Cedarville, an Allen County co-permittee, is currently in the process of distributing the stormwater survey to their residents with their stormwater utility bills. Returned survey's will be collected and returned to the Allen County Surveyor's Office in April 2008. The Allen County Surveyor's Office will report the total results of this survey in the next annual report. The survey will then be distributed again in several years to help evaluate the effectiveness of the Partnership's educational activities. To view the Allen County Water Quality Survey, please go to [www.co.allen.us](http://www.co.allen.us).

### **Solid Waste Management District Promotions –**

#### **Amount of material collected from Household Hazardous Waste Collections –**

2007 Tox-Away Day Households Represented = 840

Automotive Fluids Collected (lbs.) = 7760

Car Batteries Collected (lbs.) = 4675

Household Batteries Collected (lbs.) = 760

HHW Material Collected (lbs.) = 18,628

Mercury Collected (lbs.) = 15,887

For further information, please see the Allen County Solid Waste Management District website:

<http://www.acwastewatcher.org/>

#### **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:

##### **Action Environmental**

5449 Keystone Drive

Phone: 471-1168

##### **Hires Auto Parts**

7111 South Anthony Boulevard

Phone: 447-2586

1620 Northland Boulevard

Phone: 489-5734

5809 Illinois Road

Phone: 432-5111

425 State Road 930 West (New Haven)

Phone: 749-8719

##### **NAPA Auto Parts**

1119 South Anthony Boulevard

Phone: 422-7492

##### **Tire Centers, LLC**

3910 Coldwater Road

Phone: 482-1577

##### **Doehrman Repair Service, Inc.**

22319 Hickory Street (Woodburn)

Phone: 632-5330

##### **Garmater Auto Salvage, Inc.**

14007 Bull Rapids Road (Harlan)

Phone: 657-5129

##### **Safety Kleen Systems, Inc.**

2112 Production Road

Phone: 484-8034



## Public Education and Outreach (continued):

### **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 2007 the number of constituents that participated in the Tox-Away Day event was 840. In comparison, there were 457 participants in 2001 and 709 participants in 2003 and 801 in 2005.

### **Soil and Water Conservation District Activities –**

#### **January 2007 & January 2008**

##### **Fort Wayne Farm Show**

Various presentations were provided. Provided educational seminars for kids. The Soil and Water Conservation District had nearly 1,900 people stop by their booth. Total attendance at the 2008 Show set a new record of nearly 40,000 people.

#### **February 2007**

##### **Tri-State Conservation Tillage Expo**

This Expo was the 6<sup>th</sup> annual event which included a day filled with seminars focusing on conservation tillage and related best management practices at the ACD Museum in Auburn. Approximately 265 people attended the event.

#### **July 14, 2007**

##### **Pasture and Hayland Planting Field Day**

The event focused on proper hayland and pasture land management to inform participants about how properly managed pastures and hay fields reduce erosion, off-site sedimentation and potential nutrient loss into adjacent streams. Approximately 30 Allen Co. producers and/or landowners participated.

#### **August 30, 2007**

##### **“Getting Into The Zone” Field Day**

Very similar to the 2006 event, the field day again provided presentations on zone tillage and the use of GIS, GPS, and auto-steer on farm equipment. Approximate 190 people in attendance, with about 70% from Allen County.

##### **Booklet and Pamphlet Display**

In 2007 the district now has available a display that holds 24 pamphlet size and 12 booklet size flyers to help inform the public as they enter the districts' building.

**The Allen County Soil & Water Conservation District also participates and sponsors many activities and events associated with the Allen County Partnership for Water Quality and serves on the Partnership Board. A description of these activities and the public participation involved in these activities can be seen in the previous pages of this report.**

### **Co-Permittee Activities –**

The town of Leo-Cedarville, an Allen County co-permittee, is currently in the process of distributing the stormwater survey to their residents with their stormwater utility bills. Returned survey's will be collected and returned to the Allen County Surveyor's Office in April 2008. Additionally, Leo-Cedarville was provided with the links to the Partnership website, the Soil and Water Conservation District website, the St. Joseph River Watershed Initiative website and the Solid Waste District website to take a look at whether they might be willing to add these sites as links on the Leo-Cedarville website ([www.leocedarville.com](http://www.leocedarville.com)). Allen County also sent them some sample brochures on various water quality topics to review along with several copies of the “A Watershed Mentality” video and the “Green Sells” video. The town expressed interest in distributing some of the brochures with future stormwater utility bills. There was also some interest in adding some water quality information to the town's website pending approval.

The town also provided an engineering contact to help obtain information and provide the locations of storm pipes and outfalls to aid the Surveyor's Office with their stormwater conveyance system GPS mapping requirements. Leo-Cedarville will also participate in the storm drain marking program once the markers are ordered by the county.

## Public Education and Outreach (Cont):

### **Mass Media Opportunities –**

#### *WOWO/Charley Butcher Radio Show:*

The Allen County Partnership for Water Quality contacted local radio station WOWO about the possibility of airing water quality interviews and informational segments. These would be designed to promote the partners in the Partnership as well as discuss water quality issues. These blurbs consist of a 1-minute, pre-scripted on-air interview with a professional about various water quality issues. This past year, the radio station conducted three separate interviews with a different representative from the Allen County Partnership for Water Quality for each interview. Additionally, there was an interview recorded that promoted the Partnership's video "A Watershed Mentality." This interview was aired twice. These interviews were aired on the station's Saturday morning radio show. The number of people who may have heard each of these interviews was 2000. This number is derived from a composite based on minimum broadcast audience average per transmission.

#### *Nature Trust Radio Program:*

Jeff Britton, host of ACRES Land Trust's "Nature Trust" radio program did a series of interviews with the Partnership covering various aspects of water quality and the Allen County waterways. This resulted in three shows being aired. The total number of people who may have heard these shows was 6000. This number is derived from a composite based on minimum broadcast audience average per transmission.

The Partnership produced two videos to address erosion and sediment control as follows:

#### *"A Watershed Mentality" Documentary:*

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission and produced a documentary on soil erosion and sedimentation in the Maumee River Basin. PBS television channel 39 in Fort Wayne helped in the production of the video. The video shows footage of pollution of our area waterways, shows the impacts of environmental destruction on our ecosystem, shows the damage to the economy and jobs, shows some success stories on controlling erosion and improving water quality, and describes how public attitudes toward the environment have changed. Additionally, interviews with various mayors and public officials, laypeople, and other professionals were done. The video aired on PBS Channel 39 for several nights in June 2007. It has been adopted by National PBS for distribution to other affiliates. Those affiliates that have shown "A Watershed Mentality" within the Maumee River Basin include: Lima/Bowling Green and Toledo. The Great Lakes Commission has since informed the Partnership that this documentary has become the new standard for erosion and sediment control within the Great Lakes Basin.

#### *"Green Sells" Construction BMP Video:*

The Allen County Partnership for Water Quality received a grant from the Great Lakes Commission to produce a video for developers and contractors on best management practices for reducing sedimentation and erosion. The 15 minute video focuses on the cost-benefits of compliance with the NPDES regulations and on the project management needed to comply. Additionally, there was a partnership established with the Erosion Control Technology Council to be able to show this DVD on ESCN TV as a webcast ([www.escn.tv](http://www.escn.tv)). This Erosion and Sediment Control Network is a weekly program that features stories, tips, and erosion control products. The release date for this video was June of 2007. The Partnership has cultivated a distribution list for the video and will be mailing them according to response and interest.

For both videos the Partnership is looking for further opportunities to show these videos to the public. Some options that are being looked at include:

- a.) Foellinger Theater prior to movies.
- b.) East Allen County Schools and Fort Wayne Community Schools in-school presentations
- c.) Service group demonstrations and Allen County Public Library presentations

### **Miscellaneous Public Education:**

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.

The St. Joseph River Watershed Initiative hosted a Hoosier Riverwatch training workshop for stream monitoring volunteers in 2007 at the SWCD office. The workshop received media coverage in the Initiative's news mailing and on their website.

The St. Joseph River Watershed Initiative and Allen County Health Department with the help of PBS are in the process of producing a 15 minute DVD video on septic system maintenance. The Partnership will help distribute and advertise this.

Summary: The Partnership reached over 2403 people in direct contact activities, 1640 people through indirect means, and distributed over 3166 brochures, fliers, etc. promoting water quality issues.

## 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 & Boy Scouts  
Allen County High Schools  
IPFW  
Saint Joseph River Watershed Initiative  
Maumee River Basin Commission  
Hoosier Riverwatch Volunteers  
Girl Scouts  
Retired Senior Volunteer Program  
Young Leaders of Northeast Indiana

#### **Volunteer Opportunities**

The Allen County Partnership for Water Quality (Matt Jones) keeps a list of upcoming volunteer opportunities that are currently available to the public. The Partnership has an event calendar where volunteer opportunities related to stormwater are posted. During 2007 the Partnership publicized and promoted the meetings of the Stormwater Subcommittee of the Sewer Advisory Group, Hoosier Riverwatch Training sponsored by the St. Joseph River Watershed Initiative, volunteer opportunities at Camp Scott Wetland, the Allen County Solid Waste District's Tox-Away Day, the Storm Drain Marking Program, and opportunities to help at area festivals and other events. Allen County has a regular group of Hoosier Riverwatch volunteers that do water testing as a result of the training workshops that are hosted by the county every year. Additionally, public involvement was obtained in the form of interviews with various residents in the making of the video "A Watershed Mentality." This past year, the Camp Scott tours generated volunteer guest speakers and tour guides. The Three Rivers Kidsfest generated quite a few temporary adult volunteers and there were volunteers at the Johnny Appleseed Festival. Overall, there were 38 volunteers that logged 28 volunteer hours this past year for the festivals.

### Public Meetings –

The Allen County Partnership for Water Quality and City of Fort Wayne organize and facilitate a monthly Watershed Team Meeting. The team includes Fort Wayne and New Haven city staff members, staff from the Allen County Surveyor's Office, and staff from other Allen County offices. Outside groups that attend include the SWCD, St. Joseph River Watershed Initiative, Allen County Greenbuild Coalition, and the Maumee River Basin Commission. Individual citizens are invited to participate. Eleven watershed team meetings were held in 2007 with presentations on the following topics: Upcoming flood control construction projects in Fort Wayne, the city river greenway and trails, the City of Fort Wayne GIS System, the Allen County GIS System, a tour of Camp Scott wetland, presentation on the Flood Control Alert System, a tour of the city CSO Pond Operations, and watershed management planning in the Lower St. Joe River Basin. A total of 101 people attended these meetings in the year 2007.

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 (SJRWI) holds 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. Additionally, the SJRWI holds quarterly public meetings for the St. Joe River Basin in its entirety. The northern portion of Allen County falls within this watershed. About 10-15 people attend these meetings.

The Allen County SWCD sponsors public meetings that address land use conservation and water quality improvement topics. Additionally, the Maumee River Basin Partnership of Local Governments (MRBPLG) holds quarterly public stakeholder meetings for citizens and government officials within the Maumee River watershed, which covers a large portion of Allen County. For example, the September meeting featured a presentation on two-stage ditch design and how this design may help improve water quality and flooding issues. About 15 people attend these meetings.

The U.S. Army Corp of Engineers hosted a public forum in October of 2007 to gather ideas on the watershed problems within the Maumee and St. Marys River Basins. The public stakeholders were asked to discuss problems and possible solutions that the stakeholders would like to see considered to improve the quality of the Upper Maumee and St. Marys River watersheds. There were about 70-80 people in attendance for this meeting.

## Public Involvement and Participation (cont):

St. Marys River Watershed Project - the St. Marys Watershed Initiative held two public meetings regarding the watershed management planning effort in the St. Marys River watershed which encompasses the southern part of Allen County. The first meeting identified a variety of public concerns that need to be addressed in the watershed management plan. The second meeting discussed concerns in the watershed and addressed components needed to complete the watershed management plan. The first meeting had newspaper and television coverage as a small segment about the meeting was provided in the evening news cast in Fort Wayne. There were about 50-60 people at the first public meeting and about 20 at the second public meeting. Volunteers were asked to become a part of the steering committee. The Allen County MS4 Coordinator volunteered to serve on this watershed group's steering committee. The committee meets once a month.

Little Wabash River Project - this project is a watershed diagnostic study of the Little Wabash River in a three county region that includes southwestern Allen County that will also look at the rivers' surrounding landuse and community resources. The project is being sponsored by the Whitley County Soil and Water Conservation District and funded through the Department of Natural Resources' Lake and River Enhancement Program. The project will include various water quality assessments and aim to make recommendations related to improving the river itself, coordinating landuse across counties, reducing pollution, and potentially improving recreation or other natural resource amenities. The team conducted a public meeting with key local stakeholders to share information and gather more information that may help the team understand the data collected and set future goals. There were about 50-60 people at this meeting.

NPDES Permitting Process Meeting – in October the City of Fort Wayne and Allen County met with a group of about 15 people representing the development community to discuss the upcoming NPDES permitting requirement changes for both the City of Fort Wayne and Allen County. The City's draft of the NPDES technical standards was also discussed at length. The city and county are trying to work together to provide requirements and permitting processes that are similar in nature so there is less confusion about what is needed to comply in different areas of the county.

Northeast Indiana Green Build Coalition – has public meetings discussing ways to build in a green, more environmentally friendly and efficient way. There were 8 meetings throughout the year and there were 218 people total who attended these meetings.

Western Lake Erie Basin Meetings – this watershed team discusses ways to improve the water quality within the western Lake Erie watersheds. The Partnership attended two meetings in which there were about 55 people in attendance at each meeting.

### Storm Drain Marking –

The members of the Allen County Partnership for Water Quality are currently looking for volunteers within each neighborhood to help with the storm drain marking. The Partnership will continue to promote storm drain marking through neighborhood meetings and newsletters. The City of Fort Wayne selected a storm drain marker and installed them in one neighborhood as a demonstration project. Allen County, Fort Wayne, and New Haven have met regularly to discuss which storm drain markers to use and to determine the quantities that need to be ordered. The three entities plan to use the same type of drain marker for consistency and efficiency. Allen County has added to the Technical Standards that a properly marked casting for all inlets and manholes be used on all future construction projects that provides a message stating that no dumping is allowed because the storm inlets drain to the river.

### Citizen Complaints –

Allen County received several complaints from the public concerning poor erosion control. The county promptly responded to these complaints and informed the caller of the subsequent action taken on each complaint.

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.

#### **1. Complaint Received (3/1/07):**

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

Caller: Natalie Scruggs

Location: 4305 Bandera Cove

Hawthorne Park, Perry Township

Caller states that the erosion from the unvegetated open lot behind her house is filling the drainage swale. She is worried that this may cause water drainage problems for her yard since this lot is directly behind her lot.

## Public Involvement and Participation (cont):

### **Resolution:**

Northeastern Development Group owns this lot. This is the last remaining open lot available within this subdivision and consequently the developer sold this to a homebuilder long ago. As a result, the developer refuses to do anything to rectify the erosion problem. Without a Stormwater Ordinance in place, the County does not have the authority to take action against this developer. The Allen County Surveyor's Office contacted the Homebuilder and requested erosion control be applied to the lot.

### **2. Complaint Received (5/9/07):**

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

Caller: Paul Witmer  
Location: 10621 Notestine Road  
Knotts Landing Subdivision, Cedar Creek Township

Caller states that the area across the road from him is developing 2 lots a year and sending water across the road through a culvert and eroding his field. He dug a ditch to catch it all but now it's eroding and forming a gully in his farm field. Caller would like some help with this issue.

### **Resolution:**

Inspection of the site confirms that water is coming from the project site and roadside ditch and going under Notestine Road via a culvert and onto farmer's field. A small gully has formed within the field where culvert dumps out. The Allen County Surveyor's Office sent a letter to the developer requesting the erosion control and drainage for the project site be improved to prevent the flow of water onto this farmer's field. The developer called back and stated he would add seeding, straw bales, and silt fence to the swale draining to the field to slow the flow of water and enhance infiltration. The owner of the development site also stopped by the Allen County Surveyor's Office to discuss what improvements in drainage could be added to the project site to alleviate the situation.

### **3. Complaint Received (6/28/07):**

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

Caller: Rachelle Alsner  
Location: 13026 Old Leo Road  
Apple Valley Mobile Home Park, St. Joseph Township

Caller states the detention pond has trash in it and is in bad condition. Can anything be done?

### **Resolution:**

Told caller that the county unfortunately does not maintain ponds. That responsibility would fall with the Mobile Home Park owner. Told her we are working on an Illicit Discharge Ordinance currently and she should call and report any future dumping in the waterways and pond she witnesses to the Allen County Surveyor's Office.

### **4. Complaint Received (7/20/07)**

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

Caller: Barb Myers  
Location: 125 Cobblers Cove  
Courtyards at Dawsons Creek, Washington Township

Caller states that the unvegetated lots that are being developed in her subdivision are eroding into her backyard swale and contractor refuses to put up silt fence.

### **Resolution:**

Told caller that this site was within the Fort Wayne City limits and gave her the name and number of the person with the City of Fort Wayne who handles erosion control complaints. Sent Fort Wayne an email detailing the problem and to call her to discuss.

c. Illicit Discharge Detection and Elimination:

Stormwater System Map –

The County continues to map 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. Based upon this Rule 13 SWQMP – Part B report and the county's Desktop Assessment of Illicit Discharge Potential report, Allen County has a ranked listing of priority watersheds that will continue to be used as a guideline to determine the priority areas to be mapped first. This fulfills the requirement of prioritizing program efforts to coincide with priority watershed rankings.

As required by Rule 13, the County continues to 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 sewage 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. Recently, the county has also begun documenting whether the castings are marked per the requirements of the storm drain marking program. This will help determine where future storm drain marking activities need to be done. The county also documents whether there appears to be any signs of an illicit discharge coming from the outfalls during GPS mapping. Those outfalls that are listed as potentially having illicit discharges during GPS mapping are input into a spreadsheet for future investigations. Pictures of each outfall are 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 90% 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 started in February 2006 and is currently about 36% (571,200 linear feet) complete. There are no CSO's within the county MS4 area.

Citizen Complaints -

Allen County received a couple of complaints from the public concerning illicit discharges. The county promptly responded to these complaints and informed the caller of the subsequent action taken on each complaint. Additionally, Allen County has adopted a Report-A-Polluter form and is in the process of placing it on the Allen County Website to enable residents to report any illicit discharges. Please see attached sample form.

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 an Illicit Discharge Detection and Elimination Ordinance in place, each complaint was inspected to gain further details and the person responsible for correcting the issue was asked to comply voluntarily.

**1. Complaint Received (2/5/07):**

Caller: Homeowner's Association President  
Location: Arlington Park Subdivision  
St. Joseph Township

Caller states there have been several sightings of rats going in and out of the storm drains along the streets within the subdivision. Caller wants to know if it is alright to place rat poison within the storm drains to try and eliminate the rat problem.

**Resolution:**

Talked to Randy Braun of IDEM to determine whether there were any State statutes with regard to any type of poison being placed within storm drains. Randy did not know of any statutes specifically addressing this problem and recommended contacting our local health department. Contacted the Allen County Vector Control about the problem. They said they had special rat traps that could be used that would prevent children or animals from getting in contact with the poison. They stated they would get in contact with the caller about where the traps should be placed and take care of the problem.

**2. Complaint Received (6/5/07):**

Caller: GM Employee  
Location: General Motors Plant – southwestern Allen County  
Lafayette Township

### c. Illicit Discharge Detection and Elimination (cont):

An employee of the General Motors Truck Plant called and stated that there was a sewage line broken down and there was raw sewage running out across the grass and into a neighboring detention pond, which then outfalls to a neighboring ditch. A site visit confirmed that there was a sewage break in the line near one of the catch basins. Over-ground sewage flow was evident. Test results from the detention pond outfall showed a high indication of e-coli flowing to the ditch.

#### **Resolution:**

The Allen County Surveyor's Office made a call to the GM Facilities Manager to discuss the situation. The Facilities Manager was aware of the problem and stated that they had contacted a local contractor to come out and repair the sanitary line break. The break was repaired within a few days. The Health Department was also provided this information.

#### Illicit Discharge Detection and Elimination Ordinance –

The Final Draft of the Stormwater Management Ordinance of Allen County is ready for approval. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination Control Measure as specified by Rule 13. The Allen County Surveyor's Office is currently seeking approval from the County Commissioners to approve the adoption of this Ordinance. This ordinance will be approved and the necessary acceptance forms sent to IDEM by May 5, 2008.

#### Illicit Discharge Detection and Elimination Plan –

In order to determine the potential severity for illicit discharges within Allen County, the Allen County Surveyor's Office performed a Desktop Assessment of Illicit Discharge Potential. This Desktop Assessment will be used as a guide for initial field screening and will support initial IDDE program decisions. The results of this assessment show that the St. Joseph River – Cedarville Reservoir subwatershed had the highest Normalized IDP score and therefore has the highest potential of containing illicit discharges. This high-risk subwatershed is being targeted for priority field screening. This assessment will help to identify the subwatersheds where the most severe and greatest number of illicit discharges are to be expected and to correct them sooner rather than later.

Additionally, The Little Wabash River Initiative is conducting a watershed diagnostic study of the Little Wabash River in a three county region that includes southwestern Allen County. As part of this project, there are nine water quality monitoring sites within Allen County that are being used to collect data in the watershed within Allen County. These sites are positioned within various tributaries of this small river where water quality data is being collected to determine which tributaries are causing the greatest problems to the water quality of the river. This data can be used by the county to determine which streams and their corresponding outfalls need to be focused on to find the greatest number of illicit discharges in a shorter period of time within southwestern Allen County.

#### Annual IDDE, Good Housekeeping, and Pollution Prevention Staff Training –

##### **E. Coli Testing Training – March 7, 2007**

The Hoosier Riverwatch Volunteers and St. Joseph River Watershed Initiative hosted an E. Coli testing workshop at the Allen County Soil and Water Conservation District Office to train people on how to test for E. Coli in the area drains. The workshop also discussed how to input data into the Hoosier Riverwatch website. There were about 12 people in attendance. The Allen County Surveyor's Office had two people attend this training session.

##### **Good Housekeeping and Pollution Prevention Training – September 19, 2007**

The City of Fort Wayne hosted a half day Training Session on BMPs for municipal operations and how to implement and comply with Good Housekeeping Pollution Prevention requirements for the Rule 13 Phase II stormwater program. Lori Gates of Christopher Burke provided this presentation. There was also a presentation on fertilizer and pesticide application. The Allen County Surveyor's Office had one person in attendance and the Allen County Highway Department had 8 people in attendance.

##### **INAFSM Conference Illicit Discharge Training – September 12-14, 2007**

The Allen County Surveyor's Office MS4 Coordinator, Matt Jarrett, gave a presentation at this conference on doing a Desktop Assessment of Illicit Discharge Potential. This presentation provided the steps in doing a desktop assessment of illicit discharge potential and the benefits of preparing this assessment before getting started with an illicit discharge program and going out into the field and proceeding with water sampling and testing. Matt Jarrett attended all three days of this conference.

##### **Hoosier Riverwatch Training – June 2007**

The Allen County Surveyor's Office had one person take part in the Hoosier Riverwatch Training last year. The Surveyor's Office has now had 3 people take part in this training over the past several years. Allen County hosted this training.



d. Construction Site Storm Water Run-off Control:

Erosion and Sediment Control Ordinance –

The Final Draft of the Stormwater Management Ordinance of Allen County is ready for approval. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination, Construction, and Post-Construction Minimum Control Measures as specified by Rule 13. The Allen County Surveyor's Office is currently seeking approval from the County Commissioners to approve the adoption of this ordinance. It is anticipated that this ordinance will be approved and the necessary acceptance forms sent to IDEM by May 5, 2008.

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 2008.

Staff Training –

**U.S. EPA Webcast – Municipal Stormwater Compliance – March 7, 2007**

This webcast introduced the new EPA guide for assessing compliance and effectiveness of municipal separate storm sewer system programs. The guide describes how to conduct an evaluation of each major stormwater program component and includes detailed worksheets to assist an evaluator during the evaluation. The Allen County Surveyor's Office had two people view this webcast.

**Practices & Management for Post Construction Workshop – March 20, 2007**

This workshop at Merry Lea Environmental Learning Center in Wolf Lake, Indiana focused on the Post Construction responsibilities that are required to insure that best management practices that are installed as part of the site development are not neglected after the development is complete. This all day workshop also discussed site design considerations to be implemented to manage stormwater runoff and ultimately reduce the amount of sediments and other pollutants from reaching neighboring waterbodies. The workshop site also contained working BMPs that were demonstrated to visually see how these BMP practices could be installed in the field. The Allen County Surveyor's Office had five people attend this workshop.

**EJP, Inc. Site Drainage Workshop – March 22, 2007**

This workshop dealt with the latest in technology and best management practices dealing with site drainage. The Allen County area designers, planners, and installers that attended (about 15 total) were provided with knowledge of the latest products and techniques associated with stormwater run-off control. The Allen County Surveyor's Office Stormwater Quality Manager attended this workshop.

**INAFSM Stormwater Quality Subcommittee – Stormwater Funding – April 13, 2007**

This meeting discussed different options for obtaining funding to help implement the NPDES Phase II Stormwater Quality requirements and discussed what other counties and cities are doing at this point in time to obtain funding. The Allen County Surveyor's Office had two people conference call in to this meeting.

**U.S. EPA Webcast – Social Marketing: A Tool for More Effective Stormwater Education and Outreach Programs – May 9, 2007**

This webcast described key Social Marketing techniques to improve the delivery and effectiveness of stormwater outreach and education programs, and engage citizens in greater awareness and crucial behavior changes. The speaker presented 10 social marketing principles that could be put to use with vivid stormwater examples and applications. There was also a presentation and examples and lessons learned from watershed outreach campaigns, as well as worksheets and resources that could be used in outreach programs. The Allen County Surveyor's Office had two people view this webcast.

**U.S. EPA Webcast – Conducting Illicit Discharge Detection and Elimination Investigations (IDDE 201) – July 11, 2007**

This presentation discussed the field and lab methods necessary to conduct IDDE investigations. The webcast described how to prioritize field activities by conducting a desktop assessment of illicit discharge potential (IDP); how to conduct the Outfall Reconnaissance Inventory (ORI); post-screening prioritization; and detailed field sampling and lab analyses that may be used to confirm and identify illicit discharges. The Allen County Surveyor's Office had two people view this webcast.

d. Construction Site Storm Water Run-off Control (Cont):

**Everett J. Prescott Presentation and Training Session on Stormwater Quality BMPs – August 24, 2007**

This presentation provided an overview of stormwater quality BMPs and successful erosion and sediment control practices and devices in our community that this particular distributor can provide. The Allen County Surveyor's Office had 4 people in attendance for this session.

**U.S. EPA Webcast – Post-Construction Management, Building Green Programs – September 5, 2007**

This webcast introduced concepts that are being developed for a manual on post-construction stormwater management by the Center for Watershed Protection for EPA. The contents of the new manual were discussed and several new tools that are being developed to help local stormwater managers organize and implement post-construction programs were introduced. The Allen County Surveyor's Office had one person view this webcast.

**INAFSM Stormwater Quality Subcommittee – Illicit Discharge Detection – September 20, 2007**

This meeting discussed illicit discharge training and described how to look for illicit discharges and how to implement an illicit discharge program. The Allen County Surveyor's Office MS4 Coordinator attended this meeting.

**Stormwater Institute Conference - October 9-11 (2007), Oregon, Ohio**

The Stormwater Institute is an interactive three-day training program developed specifically for the MS4 communities. The conference focused on strengthening the technical skills needed to develop and run effective programs for stormwater management, illicit discharge detection and elimination, erosion and sediment control, post-construction, pollution prevention, and watershed education. The conference also provided practical guidance on program setup including staffing, budgeting, financing, and resources. It offered a forum for interaction and discussions between local, state, and federal stormwater agency staff. The Allen County MS4 Coordinator attended along with the Allen County Partnership for Water Quality Stormwater Educator.

**Construction Site Inspection Training – October 18, 2007**

The Allen County Surveyor's Office contacted Rob Beck with IDEM to see if he would be willing to come to Allen County for a day and do some walk through construction site inspections for erosion and sediment control at various sites around the county. Rob walked us through some sites and showed us various issues at each site that were in violation and therefore were written up on his inspection report. This gave our construction inspectors a chance to ask questions and begin the training process for their future site inspections for erosion and sediment control. There were four people from the Allen County Surveyor's Office that took part in this training.

**Stormwater Technical Training – Construction Erosion and Sediment Control – November 28, 2007**

IDEM staff provided a technical training session to specifically address stormwater issues. The sessions were developed for local MS4 permit holders that are involved with the implementation of construction stormwater programs. This session contributes towards the fulfillment of staff training on construction erosion and sediment control. The Allen County Surveyor's Office had 8 people in attendance for this all day session.

**Everett J. Prescott Presentation and Training Session on Erosion & Sediment Control – January 9, 2008**

This all day seminar provided presentations by various companies describing the use of their product at aiding in erosion and sediment control. This presentation was attended by area contractors, consultants, and local government staff. There were 3 people from the Allen County Surveyor's Office in attendance.

**2008 MS4 Annual Meeting – April 3, 2008** - 2 people from the Surveyor's Office and 2 from the SWCD in attendance.

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 July 2008.

Procedure for Prioritizing Review and Inspection of Construction Activities –

The procedure for prioritizing review and inspection of construction activities 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 by May 5, 2008.

Quality Assurance/Quality Control (QA/QC) of Overall Program –

During 2007, 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 is ready for approval. This ordinance includes the requirements for the Illicit Discharge Detection and Elimination, Construction, and Post-Construction Minimum Control Measures as specified by Rule 13. The Allen County Surveyor's Office is currently seeking approval from the County Commissioners to approve the adoption of this Ordinance. It is anticipated that this ordinance will be approved and the necessary acceptance forms sent to IDEM by May 5, 2008.

Post-construction BMP Operation and Maintenance Plan –

**LaHartz Trophy Shop/On-site Stormwater Mitigation Project**

This project involved the redevelopment of a downtown Fort Wayne business to use on-site stormwater mitigation BMPs to help manage their stormwater, add attractive features to their building, and act as a demonstration site for stormwater BMPs. This site will be used for stormwater education workshops and forums for agencies, utilities, planners, and engineering firms and will aid in showing developers examples of some post-construction BMPs that might be used for future developments.

**Camp Scott Wetland**

Camp Scott is an engineered wetland that was constructed as a storm water detention facility that helps to reduce the risk of basement backups during wet weather conditions in neighborhoods around McMillen Park. This also helps to manage the number of CSOs being sent to the Maumee River. This wetland is maintained by the City of Fort Wayne. The Allen County Partnership for Water Quality provides tours and various educational events at this wetland that is open to the public.

**Little River Wetland Project**

The mission of Little River Wetlands Project, Inc. is to facilitate the restoration of wetlands in the historical Little River watershed and provide educational opportunities that inspire and challenge individuals to be good stewards of all natural resources.

The programs of the Little River Wetland educate people of all ages about wetlands and related nature topics. This organization is also a good neighbor, supplying consultation to private parties who wish to preserve or restore their land, opportunities for scientific study to nearby universities, and recreation in the form of hiking, birding, and nature photography for the residents of Allen County and surrounding areas. The wetlands within this area are maintained by the Little River Wetland Initiative Board and area volunteers.

**Southtown Shopping Center Wetland**

The Southtown Wetland is a constructed wetland that was designed to detain storm water runoff from the shopping center parking lot and the surrounding watershed. This wetland will be used by the Allen County Partnership for Water Quality for various educational purposes. This wetland is maintained by the City of Fort Wayne.

**Little Wabash River Initiative**

Allen County met with Jill Hoffman of Empower Results, LLC to discuss possible ways of coordinating our efforts and resources together to help with the Little Wabash River Watershed Project which encompasses a part of southwestern Allen County. They are currently doing water quality testing at certain points in the watershed's streams to determine which subwatersheds have the worst water quality. Currently the initiative is looking at obtaining LARE (Lake and River Enhancement) money to begin implementing BMPs in the subwatersheds found to have the lowest water quality test results. The BMPs being looked at include buffer strips, wetlands, grassed swales, and rain gardens.

**St. Joseph River Watershed Initiative**

This watershed group did a cost share with the property owner on a 6 acre tree planting near the St. Joseph River to provide a riparian buffer zone. They also did a cost share with a property owner on a filter strip planting in northern Allen County last fall on 4.9 acres, part of which was highly erodible land.

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:

1.) Had community corrections do maintenance around a trash rack inlet control structure because the cattails from this constructed wetland detention basin were preventing flow and drowning out shoreline wetland plant species and lessening detention storage – Eel River Township, Section 25, Carroll Creek Subdivision (4/2/07) 2.) Repaired broken Crawford tile, Aboite Township, Section 5 (4/3/07) 3.) Repaired catch basin as concrete is collapsing around drainage cover - St. Joseph Township, Section 23, Arlington Park Sub. (5/3/07) 4.) Repaired A.J. Smith Tile – Lake Township, Section 13, Cook Road (5/14/2007) 5.) Repaired Drainage Tile – Perry Township, Section 25, Sorrento Sub. (5/25/07) 6.) Repaired catch basin and made grade adjustments – Perry Township, Section 25, Sorrento Sub. (6/7/07) 7.) Replaced 24 inch tile – Adams Township, Section 9, Herber #1 (8/21/07) 8.) Removed a dam from the stream – Lake Township, Section 2, Sutorious Drain (11/7/07) 9.) Repaired Gandy Tile – Perry Township, Section 16, Gump Road (12/7/07)

Ditches Debrushed – Benward Branch = 3,850 linear feet, Bohnke Drain = 18,000 linear feet, Flatrock Drain = 15,000 linear feet, Frene Drain = 6,761 linear feet, Harber Drain = 15,000 linear feet, Hoffman #2 Drain = 4,400 linear feet, Null #2 Drain = 8,061 linear feet, Hanauer Drain = 2,124 linear feet, Seegar Drain = 11,000 linear feet

**Total feet debrushed = 84,196 linear feet**

Ditches Dipped – Bobay Branch #1 = 250 linear feet, James T. Johnson = 19,200 linear feet, Hille Tielker = 6209 linear feet, Frene = 6,761 linear feet, McHenry = 12,700 linear feet

**Total feet dipped = 45,120 linear feet**

Conveyances Sprayed or Repaired – **see attached Allen County Surveyor's Office Drain Work Report**

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 -

Camp Scott Wetland - Camp Scott is an engineered wetland that was constructed as a storm water detainment facility that helps to reduce the risk of basement backups during wet weather conditions in neighborhoods around McMillen Park. This also helps to manage the number of CSOs being sent to the Maumee River. This wetland is maintained by the City of Fort Wayne. The Allen County Partnership for Water Quality provides tours and various educational events at this wetland that is open to the public.

Eagle Marsh – this 676-acre nature reserve was once part of a swamp that was drained in the late 1800s and is being restored from farmland back to natural wetlands. This restoration of wetlands will have a significant impact on flood control and water quality in the county, as well as downstream to the Wabash River.

The St. Joseph River Watershed Initiative is cost-sharing with ACRES Land Trust for a wetland cell project in northern Allen County.

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.)**

- a. Number or percentage of citizens that have an awareness of storm water quality issues
  
- b. Number and description of meetings, training sessions, and events conducted to involve citizens
  
- c. Number or percentage of citizens that participate in storm water quality improvement projects
  
- d. Number and location of storm drains marked or cast
  
- e. Estimated linear feet or percentage of MS4 conveyances mapped
  
- f. Number and location of MS4 area outfalls mapped
  
- g. Number and location of MS4 area outfalls screened for illicit discharges
  
- h. Number and location of illicit discharges detected
  
- i. Number and location of illicit discharges eliminated
  
- j. Number of, and amount of material collected from, HHW collections
  
- k. Number and location of citizen drop-off centers for automotive fluids
  
- l. Number or percentage of citizens that participate in HHW collections
  
- m. Number of construction sites permitted for storm water quality
  
- n. Number of construction sites inspected
  
- o. Number and type of enforcement actions taken against construction site operators
  
- p. Number of public informational requests received related to construction sites
  
- q. Number, type, and location of structural BMPs installed



- r. Number, type, and location of structural BMPs inspected
  
- s. Number, type, and location of structural BMPs maintained, or improved
  
- t. Type and location of nonstructural BMPs utilized
  
- u. Estimated acreage or square footage of open space preserved and mapped
  
- v. Estimated acreage or square footage of mapped pervious and impervious surfaces
  
- w. Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
  
- x. Number and location of entity facilities that have containment for accidental releases
  
- y. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity
  
- z. Estimated linear feet or percentage and location of unvegetated swales and ditches that have an adequately sized vegetated filter strip
  
- aa. Estimated linear feet or percentage and location of MS4s cleaned or repaired
  
- bb. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
  
- cc. Number and location of storm water outfall areas remediated from scouring conditions
  
- dd. Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure
  
- ee. Estimated amount, in tons, of salt and sand used for snow and ice control
  
- ff. Estimated amount of material collected from catch basin, trash rack, or other structural BMP cleaning
  
- gg. Estimated amount of material collected from street sweeping
  
- hh. Number or percentage and location of canine parks sited at least 150 feet away from a surface water body
  
- ii. Other

## 12. On-going Water Quality Characterization Activities

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

**IDEM 303(d) Report**

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 and also algae and taste and odor. 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.

For this 2006 Annual Report, IDEM's Final 2006 303(d) List of Impaired Waterbodies is the most recent water quality data available. Based on this list, the 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 continue to remain impaired. Additionally, the Eel River Berward/Shoaff Dawson Ditch Basin (05120104010010) was added to category 5A for Impaired Biotic Communities. The Little River-Allen (05120101100030) and Aboite Creek-Big Indian/Little Indian Creeks (05120101100060) were not added to Category 5A for problems with E. Coli. The St. Joseph River (04100003100040) was listed for E. Coli and FCA for PCBs and Hg and is now also listed for algae. According to IDEM's 2006 Methodology for their 303(d) listing, all Category 5 waterbodies are not attaining state water quality standards.

Indiana's 303(d) List of Impaired Waterbodies will consist of waterbodies listed in Category 5. Category 5 is designated as follows:

**Category 5** **The water quality standard is not attained.** Waterbodies may be listed in both 5A and 5B depending on the parameters causing the impairment.

- A.** The waters are impaired or threatened for one or more designated uses by a pollutant(s) and require a TMDL. This category constitutes the Section 303(d) list of waters impaired or threatened by a pollutant(s) for which one or more TMDL(s) are needed. Waters should be listed in this category if it is determined in accordance with the state's assessment and listing methodology that a pollutant has caused, is suspected of causing, or is projected to cause impairment. Where more than one pollutant is associated with the impairment of a single AU, the AU will remain in Category 5 until TMDLs for all pollutants have been completed and approved by U.S. EPA.

On-going Water Quality Characterization Activities (cont)

- B.** The waterbody AU are impaired due to the presence of mercury and/or PCBs in the edible tissue of fish collected from them at levels exceeding Indiana's human health criteria for these contaminants. This category also composes a portion of the Section 303(d) list of impaired waters, but the state believes that a conventional TMDL is not the appropriate approach. The state will continue to work with the general public and U.S. EPA on actual steps needed ultimately to address these impairments.

**IDEM 305(b) Report**

The following table shows the assessment results of IDEM's 2006 305(b) Basin-wide Water Quality Report for the MS4 subwatersheds located within Allen County.

**2006 305(b) Results for the Allen County MS4 Subwatersheds**

Watershed Name	14 Digit HUC	Use Support	Cause (stressor) Rating
St. Joseph River-Cedarville Reservoir	04100003070050	N-Fish Consumption N - Contact	M-PCBs M-Mercury M-E.Coli
Willow Creek-Willow Creek Ditch	04100003090080	F-Aquatic Life N – Contact	M–E. Coli
Cedar Creek-Cedar Canyons	04100003090090	F – Aquatic Life P – Fish Consum N – Contact	M – PCBs H – E. Coli
St. Joseph River-Ely Run	04100003100010	F – Aquatic Life N – Fish Consum	M-PCBs M-Mercury
St. Joseph River-Tiernan Ditch	04100003100020	N-Aquatic Life	S-Biotic Community Status
Becketts Run	04100003100030	N – Aquatic Life	M – Biotic Community Status
St. Joseph River-Schoppman Drain	04100003100040	N – Fish Consum N-Contact P-Drinking Water Use	M – PCBs M-Mercury H - E. Coli S-Taste and Odor S-Algae

On-going Water Quality Characterization Activities (cont)

St. Joseph River-Simmerman Drain	04100004060010	N-Contact P-Fish Consum	M - E. Coli S-Mercury M - PCBs
Houk Ditch	04100004060020	N/A	N/A
St. Mary's River-Snyder Ditch	04100004060030	F – Aquatic Life P – Fish Consum N – Contact	M – PCBs M–Mercury H – E. Coli
Fairfield Ditch-Harber/Deptmer Ditches	04100004060040	N/A	N/A
St. Mary's River-Junk Ditch	04100004060050	P – Fish Consum N - Contact	M – PCBs S-Mercury H - E. Coli
St. Mary's River-Spy Run Creek	04100004060060	N – Aquatic Life N - Contact P - Fish Consum	M – Biotic Community Status H - E.Coli M-Mercury M - PCBs
Maumee River-River Haven	04100005010010	F – Aquatic Life N – Fish Consum N – Contact	M – PCBs M–Mercury M – E. Coli
Trier Ditch	04100005010030	N/A	N/A
Maumee River-Bullerman Ditch	04100005010040	F – Aquatic Life N – Fish Consum N – Contact	M – PCBs M – Mercury M – E. Coli
Maumee River Sixmile Creek	04100005010060	F – Aquatic Life N – Fish Consum N – Contact	M – PCBs M – Mercury M - E. Coli
Wilbur Ditch-Bottern Ditch	04100005010090	N/A	N/A
Graham McCulloch Ditch #1	05120101100020	N/A	N/A
Little River-Allen	05120101100030	N/A	N/A
Seager Ditch	05120101100040	N/A	N/A
Aboite Creek-Beal Taylor Ditch	05120101100050	N/A	N/A

On-going Water Quality Characterization Activities (cont)

Aboite Creek-Big Indian/Little Indian Creeks	05120101100060	F – Aquatic Life N – Contact	S – E. Coli
Eel River-Berward/Shoaff Dawson Ditches	05120104010010	N/A	N/A

Use Support: F=full support, P=partial support, N=non support, N/A – not assessed

Cause (stressor) Rating: H=high, M=moderate, S=slight, T=need more information, N/A – not applicable

**Note:**

Within the Draft TMDL (page 19) titled “Total Maximum Daily Load for *E. coli* Impairment for the St. Marys River Watershed and Maumee River, Adams and Allen Counties,” it states the following:

“There is one municipal separate storm sewer systems (MS4) community, Allen County, in the Nickelsen Creek sub-watershed. It can be determined that the MS4 community of Allen County is a potential source of *E. coli* to the Nickelsen Creek sub-watershed. However, it is difficult to determine, prior to the completion of the permit requirements, if this MS4 community is a significant source of *E. coli* in the Nickelsen Creek sub-watershed.”

At this time Allen County does not agree with these IDEM findings, since Nickelsen Creek (04100004050050, INA0455\_T1001) is NOT located within Allen County’s established MS4 boundaries. The Nickelson Creek sub-watershed is located a fair distance away from the nearest Allen County MS4 boundary and at this time the County does not believe that its MS4 area is contributing pollutants to the Nickelsen Creek sub-watershed.

b)Other:

**Stormwater Needs Funding:**

NPDES Phase II Annual Needs: \$550,000

**Capital Project Needs:**

Monroeville/Argo Grassed Waterway Project: \$500,000

Storm Interceptors: \$100,000

Flatrock Creek Ditch Reroute/Addition of Wetland and Riparian Buffer Project: \$500,000

Drain/Stormsewer Maintenance Projects: \$858,362

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 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:

Inadequate funding to implement some MCM's at this time.

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

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: Linda K. Blum F. Nelson Peters Allen County Commissioner

Signature: 

Date: 4/25/08  
(mm/dd/year)