



Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:

IDEM Office of Water Quality, Storm Water Program

MS4 Coordinator

100 North Senate Avenue, Room 1255

MC 65-42

Indianapolis, IN 46204-2251

Telephone: (317) 234-1601 or

(800) 451-6027, ext. 41601 (within Indiana)

Web Access: <http://www.IN.gov/idem/4900>

- NOTE:**
- Annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit the annual report is 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.
 - 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 attachments to the IDEM Storm Water Program, MS4 Coordinator at the address listed in the box on the upper-right.

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term	Permit Year <u>2012</u>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input type="checkbox"/> 1
	<input type="checkbox"/> 2
	<input checked="" type="checkbox"/> 3
	<input checked="" type="checkbox"/> 4
	<input type="checkbox"/> 5
	MS4s in their first permit term must submit reports annually. MS4s that are in subsequent permit terms must submit in years 2 and 4 of the permit term.

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Permit Number: INR 0 4 0 077	Type of MS4:	
2. MS4 Entity: City of New Albany (Name of permit holder)	<input checked="" type="checkbox"/> City	
	<input type="checkbox"/> Town	
	<input type="checkbox"/> County	
	<input type="checkbox"/> Non-traditional	
3. MS4 Operator: Mayor Jeff Gahan		
4. Mailing Address: City - County Building 311 West First Street, 3 rd floor New Albany, IN	ZIP: 47150	County: Floyd
5. Email Address: mayorgahan@cityofnewalbany.com		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print): Joseph Ham
7. Person's Title: Stormwater Coordinator
8. Mailing Address: City of New Albany 2113 Grant Line Road New Albany, IN
ZIP: 47150
9. Telephone Number: 812-945-1989
10. E-mail Address: jham@cityofnewalbany.com

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name: na (Provide this information if someone other than MS4 Operator or Coordinator completed this report.)
12. Affiliation with the MS4:
13. Mailing Address: !!!!! !!!!!! !!!!!! IN
ZIP: !!!!!
14. Telephone Number: Extension:
15. E-mail Address:

PART D: PROGRAM MANAGEMENT
327 IAC 15-13-18

16. Provide a summary of the following program management activities performed during the reporting period:

- a) If this is a co-permit, list all permittees and operators responsible for permit implementation for each entity.
NA. (New Albany is not a co-permittee.)
- b) Identify changes to the MS4 area boundaries, including areas added to or lost to the MS4 area via annexation or other similar means. Provide a current map (8.5" X 11" or 8.5" X 14")
No change to the City's jurisdictional boundary during the permit period. (Please see the attached map for the effective MS4 area.)
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
The SWAC's Stream Visual Assessment Protocol is used to assess the water quality of receiving waters.
- d) Provide updated receiving water information completed during the reporting period if applicable.
No new receiving waters have been identified since the most recent permit renewal (2008).
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
Rate of \$4.17 per residential and \$4.17 per 2,500 square feet commercial. Rate increase from \$3.17 to \$4.17 took place January 1, 2010.
- f) Provide a list of new active industrial sites identified during this reporting period.
No new industrial sites identified during this reporting period
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
The City does not currently own or operate any facilities requiring a Rule 6 permit.
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
From July 1 2010 to June 30 2012 the City responded to and logged 344 complaints from residents within the corporate boundaries of the City of New Albany. These public complaints/concerns were focused primarily on water quantity (not quality) and included: Catch Basin Cleaning/Repair, Creek / Ditch Maintenance, Pipe Repair/Replacement, Sheet flow issues.
- i) Other:
New Albany is actively involved in the Southern Indiana Stormwater Advisory Committee (SWAC), which is comprised of seven regulated MS4 communities, including the City of New Albany, Floyd County, Sellersburg, Clarksville, Jeffersonville, Clarksville and the Oak Park Conservancy District.
The City of New Albany's MS4 program was audited by IDEM in August of 2010. The City received no violations. At IDEM's 2011 MS4 Annual Conference, the City received a Certificate of Outstanding Recognition Award for its MS4 program operations and cooperative efforts through SWAC.

PART E: PUBLIC EDUCATION AND OUTREACH - MINIMUM CONTROL MEASURE

17. Identify the best management practices (BMPs) for public education and outreach included in your Storm Water Quality Management Plan (SWQMP) Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this minimum control measure (MCM) including timetables and measurable goals during this reporting period.
see below
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
No problems are anticipated in implementing the City's MCM 1 program.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Stormwater Awareness Week was a new initiative that was implemented that was not originally identified in the SWQMP.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
As stated above, Stormwater Awareness Week was first started in June 2011 and was continued in 2012.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The SWAC partnership continues to serve the City through pooling of resources, collaboration, and public education. The City also partners with the Floyd County Soil and Water Conservation District (SWCD) to assist with implementing public education and outreach initiatives. New Albany also partners with the Floyd County Solid Waste Management District to help educate constituents. Lastly, New Albany partners directly with Floyd County's Stormwater Department in developing educational information to reach citizens and businesses throughout both entities.
- f) Other:
n/a

The City of New Albany Stormwater Board and Utility continues to educate the public. As part of the education and outreach efforts, the City contracted with the Floyd County Soil and Water Conservation District (SWCD) to assist with education efforts in the City. The City continues to work in partnership with the Floyd County Solid Waste Management District (SWMD) to promote the use of the Household Hazardous Waste Facility. Likewise, the City continues to participate in the Southern Indiana Stormwater Advisory Committee (SWAC). These partnerships promote a consistent message from the stormwater communities in Southern Indiana

The City continues to distribute educational materials and update the New Albany Stormwater website (www.newalbanystormwater.com).

The City's partnership with members of the Southern Indiana Stormwater Advisory Committee has expanded the City of New Albany ability to perform the following activities:

1) Assessment of Public Awareness:

a. In August 2010, the SWAC completed a regional stormwater awareness survey, composed of over 450 individuals throughout the southern Indiana region. Phone surveys were conducted to target each community in order to achieve statistical information for both the region and each community.

i. Overall, responses indicate progress since the previous stormwater survey. The 2010 survey is being used to target SWAC activities during this permit term, including messages on litter, pet waste, and dumping.

2) SWAC Meetings:

a. The SWAC held eight (8) meetings over this reporting period with over 150 individuals attending and participating. Meetings were advertised and participation by all attendees was encouraged.

3) Publications/Advertisements:

a. Billboard Campaign: The SWAC implemented a coordinated stormwater awareness billboard campaign in August 2010. Ten (10) billboards were posted throughout the region for one month resulting in a daily effective circulation (DEC) of 198.3, or 198,300 potential views per day. In addition to this activity the City of New Albany partnered with Floyd County to have a billboard campaign from November 1, 2011 through July 31, 2012 targeting illicit pollution in our storm system.

b. Letterhead and Seal: The SWAC developed and adopted an official seal and letterhead for consistent branding and "name" recognition in May 2011. These are used on all advertisements, handouts, documents, reports and publications, and can be found on the SWAC website.

c. Website: The SWAC updated its website (www.SISWAC.org) in January 2012. Since the update, there has been a significant increase in page views and information downloaded (approximately 236% increase in downloaded content). (With the website update, the SWAC switched website tracking to GoogleAnalytics, which more accurately gauges the page views and downloads from the site. The SWAC will continue to use this tool moving forward.)

d. Tri-Fold Brochures: The SWAC developed an illicit discharge tri-fold brochure to educate individuals on illegal dumping and proper disposal of unwanted wastes in a simple, non-offensive manner.

e. Stormwater Awareness Week: In June 2011, the SWAC held its first annual Stormwater Awareness Week. The SWAC used yard signs with simple, effective water quality messages (stream quality and pet waste) that were installed in targeted locations throughout each community. In total, the SWAC utilized 200 signs in 2011. In 2012, the SWAC purchased an additional 200 yard signs with (focusing on litter) were used in conjunction with the signs from the previous year. At the end of each week, the signs are collected to reuse in the future.

f. The SWAC developed "business cards" in the spring of 2012. These business cards contain the SWAC seal and web address to direct individuals to the stormwater resources and information on the site.

g. The SWAC developed a tri-fold brochure in the spring of 2012 on the committee and the core functions of the group. The brochure also provides an introduction to the MS4 program. This brochure is available on the SWAC's website.

h. In April of 2012, the SWAC developed and adopted a mission statement, in an effort to summarize the core goals of the committee. The mission statement is as follows: The Southern Indiana Stormwater Advisory Committee is a regional partnership whose core function is to guide stormwater quality programs in a cost-effective, consistent, and efficient manner, striving through collaborative efforts to educate all constituents, encourage involvement, and implement new planning approaches to improve the quality of life for the region, and thus, society, now and into the future.

In 2011 New Albany and Floyd County created a partnership to develop materials specific to New Albany and Floyd County. This partnership includes monthly articles for the Tribune and Banner Gazette with circulations of 5,339 and 16,632. The Banner Gazette circulates with Floyd, Washington and Harrison Counties. The Floyd County Soil and Water Conservation District also contributes to these articles. Themes can be tailored on a monthly basis to provide education and outreach to various segments of the community.

The City held forty-eight (48) public City of New Albany Stormwater Board Meetings that were advertised both in the Tribune and on the New Albany Stormwater website. Sign-in sheets are kept documenting citizens and elected officials who come to speak at the meetings.

The Stormwater Board provided two (2) written summaries regarding the financial status of the Stormwater Utility and accomplishments to the City of New Albany Common Council.

The City finalized a Stormwater Masterplan in June 2010 which identifies problem associated with flooding. However, the City of New Albany has taken the opportunity to include quality as part of any solution. Public meetings were held to educate and include input from residents. The Castlewood Subdivision was the first major project completed. It started in April 2011 and completed in November 2011. The New Albany Stormwater Board has received approval from City Council to sell \$6,000,000 in bonds. Public meetings were held in January and February 2012 gathering public input on the projects being funded by the bond..

During this permit period, door hangers continue to be distributed by the stormwater department throughout the City to residents of New Albany. The door hangers educate residents about stormwater quality and inform them of ways to get involved.

The Stormwater Board has taken advantage of the media to educate the public on stormwater issues in the community. Billboards have been placed on a main artery within the city limits. The billboards were used in August - September of 2010 and again from October 2011 thru August 2012. The topic dealt with reducing illicit discharges into the City's storm system.

The City of New Albany set up a website to make stormwater education information available to the public. This website is currently being upgraded. Education materials made available to residents via the website (www.newalbanystormwater.com) include:

- Gallery of Capital Improvement Projects
- Ways Citizens Can Improve Water Quality
- New Albany Ordinances
- Stormwater Board Meeting Dates and Information
- New Albany MS4 Mapping
- Household Hazardous Waste Information
- Stormwater Newsletters
- "Flood Insurance Facts" brochure

Kevin Feder with the Floyd County SWCD participated at the following events with participation and literature numbers indicated. Outreach material distributed is summarized as follows:

	Earth Day 5/14/2011	4H Fair 7/11-7/15	Harvest Homecoming	Orsanco River Sweep 6/16/12
# Attended				42
Amount of Grabage Collected				filled 30 yard dumpster half full.
Rain Barrel Color				
Rain Garden Color	17			
Rain Barrel Instructions	18	20		
Rain Garden Booklet	9	6		
Clean Water Coloring Books - (OPCD)	29			
Solution to Pollution: Healthy Habits to water		7	42	
Solution to Pollution Coloring Books	18	23	43	
Lawn Care Water Quality	2			
Crayons	27	34	128	
Waterways Permitting Handbook		3		
Rain Barrel Kit - Register for Free Drawing	37	36		
Easement Broacher			41	
Stormwater Crossword			75	
Stormwater Quiz			90	48 correct 42 incorrect

	Earth Day 5/12/2012	4H Fair 7/11-7/15	Orsanco River Sweep 6/16/12
Stats 2012			
# Attended			70
Amount of Grabage Collected			filled 30 yard dumpster half full.
Silver Creek Droplets	15		
Get a Handle	5		
Rain Barrel Instructions	20	10	
Rain Garden Booklet	4		
Illicit Discharge	15	10	
Solution to Pollution Coloring Books	30	22	20
Crayons	32	27	20
Waterways Permitting Handbook	2	2	
Easement Broacher		5	
Conservation Activity Sheets	10	8	
Recyled Bird Feeders		40	
House Hold Hazerdous waste scheduel		15	5
Recycle drop off locations		10	5

Floyd County SWCD has been active in storm water education with our elementary schools. An Enviroscape was used to show how pollutants can be carried in our community's stormwater system.

May 2011

Greenvally School all 4th graders
Hazelwood School all 4th graders
S. Ellen Jones School all 4th graders
Fairmount School all 4th graders
St. Marys New Albany School all 4th graders

May 2012

Greenvally School all 4th graders
Hazelwood School all 4th graders
S. Ellen Jones School all 4th graders
Fairmount School all 4th graders
Georgetown School all 4th graders

In addition, the Floyd County SWCD has a stormwater website that provides educational materials to City and County residents. The Floyd County Memorial Hospital promotes the disposal of unwanted prescription medicine. Residents can drop off unwanted prescription medicine the third Thursday of every month from 2:00 to 3:00pm.

Storm drain marking was performed by city employees during 2011 and 2012. 203 permanent aluminum markers were placed throughout the City. This process will continue to replace worn or missing vinyl markers from 4-5 years ago.

Initial assessment of stormwater knowledge used an online survey with response incentives however this was ineffective. The survey achieved less than 1% participation. This survey is still available on the stormwater website as an education tool. A formal survey was conducted by Horizon Inform and the results were delivered to the City of New Albany in August 2010. The survey results will be reviewed by the SWAC and New Albany. Collected data indicates only 30% have seen, read or heard about ways to reduce storm water pollution in the last year. Education and outreach programs will be assessed and modified as needed based on the data from the survey.

The City has stormwater brochures on our website in Spanish.

18. Identify the best management practices for public participation and involvement included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.
see below
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
No major problems were identified in implementing the public participation program in New Albany.
- c) Describe program BMPs that went beyond those identified in the SWQMP.
As stated in MCM1, Stormwater Awareness Week offered both education and participation opportunities for the public.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
Stormwater Awareness Week was initiated in June of 2011 and is anticipated to continue annually into the future.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The SWAC partnership continues to serve the City through pooling of resources, collaboration, and public education. The City also partners with the Floyd County Soil and Water Conservation District (SWCD) on opportunities for the public to participate in clean-up and other water quality events. New Albany also partners with the Floyd County Solid Waste Management District on recycling, household hazardous waste, and electronic waste collections.
- f) Other:
n/a

MCM 2: Public Involvement and Participation

- 1) SWAC Meetings:
 - a. As mentioned in MCM1, the SWAC holds quarterly meetings. These meetings are open to the public and advertised. Meetings are moved throughout the region to encourage local involvement. Over 150 attendees participated in these meetings.
- 2) Community Clean-Up Activities:
 - a. Stormwater Awareness Week events, such as stream clean-ups and household hazardous waste drop-offs, were held in several SWAC communities.

The City of New Albany continues to identify opportunities for public involvement and participation. The New Albany Stormwater Board holds public meetings and workshops. City representatives participate in community events and festivals and provide stormwater literature at these events.

The City continues to distribute educational materials and update the New Albany Stormwater website (www.newalbanystormwater.com).

Since January 2, 2009, the City of New Albany has performed the following activities:

The City held forty eight (48) public City of New Albany Stormwater Board Meetings that were advertised both in the Tribune and on the New Albany Stormwater website where the public had the opportunity to participate. Sign-in sheets are kept documenting citizens and elected officials who come to speak at the meetings.

The Stormwater Board provided two (2) written summaries regarding the financial status of the Stormwater Utility and accomplishments to the City of New Albany Common Council.

This permit period, door hangers continue to be distributed by various departments through the City to residents of New Albany. The door hangers educate residents about stormwater quality and inform them of ways to get involved.

The City of New Albany set up a website to make stormwater education information available, as well as a method for the public to contact the City with regards to questions or concerns. In 2009, 25,038 hits and on track to exceed 27,000 hits in 2010.

Kevin Feder with the Floyd County SWCD participated at the following events with participation and literature numbers indicated.

Outreach materials distributed and public participation figures are as follows:

	Earth Day 5/14/2011	4H Fair 7/11-7/15	Harvest Homecoming	Orsanco River Sweep 6/16/12
# Attended				42
Amount of Grabage Collected				filled 30 yard dumpster half full.
Rain Barrel Color				
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Rain Barrel Instructions	18	20		
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Clean Water Coloring Books - (OPCD)	29			
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Fairmount School all 4th graders
Georgetown School all 4th graders

The City of New Albany had a city-wide clean-up on April 24, 2011 and with eight (8) 30-yard dumpsters filled at four (4) locations.

PART G: ILLICIT DISCHARGE DETECTION AND ELIMINATION - MINIMUM CONTROL MEASURE

19. Identify the best management practices for illicit discharge detection and elimination (IDDE) included in your SWQMP Part C and then respond to the following:

- Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period (mapping, screening, etc.).
see below
- Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
No issues were identified during this reporting period for the City's illicit discharge detection and elimination program.
- Identify changes made to the IDDE Plan during this reporting period if applicable.
No changes were implemented. The City continues to implement the IDDE SOP developed by the SWAC, the City's IDDE Ordinance and educational materials
- Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
No updates or revisions were performed.
- Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.
All of New Albany's stormwater collection system was mapped and all outfalls screened during the first permit term. The City has initiated the ongoing screening efforts and mapping updates during this permitting period. The City has screened 100% of all outfalls (2nd screening) during this reporting period.
- Other:

MCM 3: Illicit Discharge Detection and Elimination

The City has a working relationship with the New Albany Fire Department, Waste Water Treatment Plant, Emergency Management Agency and Floyd County Health Department to keep the City of New Albany Stormwater Department informed of any reportable spills or actions which would involve potential illicit discharges into our storm water system. The City of New Albany has identified a total of nineteen (19) illicit discharges during this reporting cycle. All reported discharges resulted in compliance and enforcement actions. The City continues to identify and eliminate illicit discharges. In the spring of 2012, the SWAC developed a tri-fold brochure on illicit discharges for property owners. This brochure has been widely distributed and is available on the SWAC website for others to reproduce.

The City of New Albany offers curbside collection of recyclables of aluminum, plastic, paper, glass. Total weight of recyclables were - 2010 1,543,300 pounds 2011 -1,365,001 pounds. 2012 numbers have not been totaled yet

The City of New Albany partners with the Floyd County Solid Waste Management District to collect household hazardous waste. The following are the categories of materials FCSWMD collects.

FCSWMD

- Motor Oil:
- Oil Based Paint:
- Flammables:
- Pesticides:
- Pharmaceuticals:
- Electronics:
- Acids & Unknown Liquids:
- Mercury related:
- Fluorescent tubes:
- CLF lamps:
- HID lamps:
- Circular fluorescent lamps:
- Car Batteries:
- Lead Acid Batteries:
- Capacitors:

The City of New Albany completed stormwater infrastructure mapping in 2008. 1,736,068 feet (328.8) miles of MS4 conveyances representing 100% of the stormwater system have been mapped by the City of New Albany in compliance with Rule 13 (327 IAC 15-13). The number of outfalls mapped for the City of New Albany was originally 353, however modifications to the program during mapping and a review of these has reduced that number to 252. In addition, the City mapped catchbasins, dry detention basins, inlets, manholes, wet detention outlets and wet detention ponds. During this permit cycle all mapped outfalls have been screened and documented for any illicit discharges.

The City of New Albany continues to provide training sessions to employees, focusing on topics such as Illicit Discharge Detection and Elimination, Construction Site Inspection, and Good Housekeeping and Pollution Prevention. Ninety-seven employees to date in 2012 have been trained.

20. List the best management practices for the construction site storm water run-off program identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.
see below
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
New Albany continues to partner with the Floyd County Soil and Water Conservation District to assist with construction site inspections. New Albany performs all enforcement measures for violating construction sites, when informed by the SWCD.
- c) Identify the number of construction sites permitted during this reporting period and identify the number and type of enforcement actions taken against construction site operators during the same period.
11 developments were permitted for construction (SWPPPs developed). (further detailed below)
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
Four (4) Qualified Professional Inspector (QPI) training courses were held during this reporting cycle. 70 people were trained during this period, bringing the total of trained QPIs to over 180 individual. (detailed below)
- e) MS4 personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing appropriate control measures, inspection protocol, and enforcement procedures. Identify training provided to MS4 personnel responsible for these activities during this reporting period.
The SWCD inspector and City Stormwater Coordinator have received several trainings over this reporting period. Both have obtained their CMS4S certification. Both attend the IDEM Annual MS4 workshop. Both are QPI certified.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
No updates or revisions have taking place for the City's regulatory provisions for EPSC during this reporting period.
- g) Other:
n/a

MCM 4: Construction Site Runoff Management

1) In the spring of 2012, the SWAC developed a series of tri-fold brochures on construction site management. In total, eleven (11) brochures were developed specifically for construction sites, including: Check Dams, Concrete Washouts, Construction Entrances, Construction Sequencing, Construction Waste Management, Individual Lot Management, Inlet Protection, Sediment Traps, Silt Fence, Stockpile Management, and Temporary Seeding. These materials have been heavily relied upon by communities and the local SWCD inspectors. The materials are available on the SWAC's website for download.

Through a memorandum of agreement with the City of New Albany, the Floyd County Soil and Water Conservation District reviewed eleven (11) construction plans for the City of New Albany. In addition, the City of New Albany Stormwater Coordinator does random inspections of sites.

The Stormwater Best Management Practices Design Manual is available on the City's stormwater website, as well as the SWAC's website. This manual is a resource for the development, selection and inspection of construction and post-construction BMPs.

Part H: Construction Site Storm Water Run-Off Control- Minimum Control Measure

New Albany adopted the Construction Site Runoff Control Ordinance in April 2006 in compliance with Rule 13 and amendments to Rule 5. The City continues to implement this ordinance for all projects disturbing one or more acres of land within the MS4 area. The ordinance specifies requirements for submittal of a Stormwater Pollution Prevention Plan (SWPPP) requiring construction plans to include notations regarding EPSC practices to be installed on construction sites. The Ordinance establishes a regulatory mechanism for applying escalating fines and penalties for those persons responsible for violating the requirements of the Ordinance.

- a) New Albany continues to implement the Construction Site Runoff Control Ordinance that was adopted in April 2006. We are currently in the process of developing a Storm Water Design Manual along with the Floyd County Storm Water Department. This manual will be adopted sometime in 2013.
 - b) Through an inter-local agreement Floyd County SWCD provides plan review and construction site inspection services related to Construction Site Runoff Control. The current partnership and implementation is work well and there are currently no plans to change the partnership.
 - c) In 2011 New Albany reviewed and permitted 11 SWPPP's for land disturbing activities over 1 acre. In 2012 there have been 4 reviewed and permitted SWPPP's.
- In 2012 there was 1 enforcement actions taken, with a Notice of Violation/Stop Work Orders. On April 24, 2012 Greg Andres was issued a NOV/Stop Work Order because a Storm Water Pollution Prevention Plan had not been submitted or approved and therefore is in violations of the City of New Albany, IN The Code Enforcement Ordinances: Title V Chapter 56. fd).

In 2011 and 2012 a total of 4 Qualified Professional Inspector (QPI) training class were held. The QPI program provides a system to qualify persons to inspect construction sites and post-construction BMP's as required by local ordinances and will provide a means of consistent and comprehensive inspection throughout this region. Floyd County's Construction Site Runoff Control Ordinance includes requirements for construction site self inspection to be performed by a QPI. 3/29/11 we had 18 people attend the class

9/27/11 we had 6 people attend the class

3/27/12 we had 18 people attend the class

3/30/12 we had 13 people attend the class

4/13/12 we had 14 people attend the class

4/20/12 we had 16 people attend the class

Also the Southern Indiana Storm Water Advisory Committee (SISWAC) has created brochures of the most commonly used erosion/sediment control BMP's. We distribute the brochures to works that will and have installed the BMP's

e) Through an inter-local agreement Floyd County SWCD provides plan review and construction site inspection services related to Construction Site Runoff Control. Kevin Feder works for the SWCD and is responsible for plan review and site inspections. Any enforcement actions that he feels are necessary are taken the City of New Albany Storm Water Board. The board will approve the enforcement actions before they are handed down to the violator

Training:

- Upper White River Watershed Alliance Green Site Planning Workshop July 27 2011 Yellowwood Lake Watershed Group Natural Stream Channel Design Workshop
 - MS4 Annual Meeting 2011 & 2012
 - Received the CMS4S Citification from EnviroCert International on March 23, 2012
- f) No revisions have been made to the ordinances.

PART I: POST-CONSTRUCTION STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE

21. List the best management practices for post-construction storm water run-off control identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
see below
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
No major problems have been encountered during this reporting period. The most significant issues are associated with private basin owner inspection and maintenance. (further detailed below)
- c) Describe program implementation partnerships and explain successes and barriers.
The SWAC partnership developed the Detention Systems Guidebook, a resource for owners of private basins. This resource contains a multitude of useful, easy-to-follow information for owners of basins.
- d) MS4 area personnel responsible for implementation of the post-construction minimum control measure shall receive, at a minimum, annual training. Identify training provided for this minimum control measure during this reporting period.
As stated above, the Stormwater Coordinator strives to attend as many workshops and receive trainings whenever possible.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
No updates or revisions have taken place for the City's post-construction stormwater regulations.
- f) Other:
n/a

Part I: Post-Construction Site Storm Water Run-Off Control- Minimum Control Measure

a) Implementation of the Post-Construction Site Management Ordinance: In April 2006, New Albany adopted the Post-Construction Stormwater Management Ordinance. This Ordinance includes the minimum post-construction requirements of 327 IAC 15-5 (Rule 5) for all projects disturbing one or more acres of land within the City. The ordinance is posted on the New Albany Stormwater website (www.newalbanystormwater.org). New Albany began implementing this ordinance in April 2006, including appropriate plan submittal, plan review, site inspections, compliance, and enforcement authorities required by Rule 13.

Implementation of the Stormwater Best Management Practices Design Manual: In April 2006, New Floyd adopted a Stormwater BMP Design Manual, which includes design specifications and selection guidance for both construction and post-construction BMPs. Beginning in April of 2006, the manual has been made available by New Albany to members of the local construction/development community as a guide to BMP selection and design for all projects disturbing one or more acres of land within the City's MS4 area. During 2011 and 2012, New Albany continued to have the manual available via the City Engineer's office and electronically through the New Albany Storm Water website.

b) During the 2011/2012 years we have determined that one of the major obstacles is owners and responsible parties for the post construction BMP's are not fully aware of what these measure are and how to inspect/maintain them. To address this issue the Southern Indiana Storm Water Advisory Committee (SISWAC) has created a Drainage Detention System Guidebook to distribute to the responsible parties for the detention basins in our community. This guide book will be useful in assisting the responsible party in the inspection and maintenance of a drainage detention system. Also with this the SISWAC has created brochures of the most commonly used post construction BMPs. The brochures are distributed to the installers and public on proper installation and maintenance of these BMPs.

c) Through an inter-local agreement Floyd County SWCD provides plan review and construction site inspection services related to Post Construction BMP's. The current partnership and implementation is work well and there are currently no plans to change the partnership.

d) Training:

- Upper White River Watershed Alliance Green Site Planning Workshop July 27 2011 Yellowwood Lake Watershed Group Natural Stream Channel Design Workshop
- MS4 Annual Meeting 2011 & 2012
- Received the CMS4S Citification from EnviroCert International on March 23, 2012

e) No revisions have been made to the ordinances. Installation of permanent post-construction BMPs began in 2006 as implementation through the Post-Construction Runoff Control Ordinance.

f) Post-Construction BMP Installation and Inspection: In 2011 and 2012 only two new developments have installed a post construction BMP. A detention basin was installed at the American Beverage Marketers and Castlewood Drainage Improvement. An inspection was conducted on the detention basins to ensure the basins were installed properly. There is a Long Term Operation and Maintenance Agreements with the owners of the detention basin.

Post-Construction Training and Education: As described in Part H section D of this annual report we held our Qualified Professional Inspector training class. One aspect that is taught during the class is post construction BMP installation and inspection. Also we have created a Drainage Detention System Guidebook to distribute to the responsible

MCM 5: Post-Construction Stormwater Management

- 1) In December 2010, the SWAC hosted a workshop for developers, contractors and home owners associations on Post-Construction Stormwater Management and Green Infrastructure. In total, 36 individuals attended. Presentations were given on the importance of stormwater management, educational displays were shown, and a question and answer session was held among the attendees.
- 2) In November 2011, the SWAC developed a Drainage Detention Systems Guidebook to help owners of retention and detention basins to maintain basins in an ongoing manner. Recognizing that the vast majority of post-construction practices installed in developments are basins, the SWAC understood there was a need to develop a concise reference for home owners associations and commercial properties. This succinct guidebook pulled information from a variety of sources, and summarized the most pertinent of information in a simple, easy to follow guidebook. The resource contains information on both water quality and water quantity, it has example pictures, community contact information, quick reference fact sheets for various detention/retention-based systems, and even example forms for basin inspections. This document is available on the SWAC's website, and has been provided to home owners associations throughout the region.

During 2011/2012, eight (8) new structural BMPs were installed.

Through the SWAC efforts, the City has adopted a Stormwater Best Management Practices Design Manual to assist with the development, selection, and inspection of construction and post-construction BMPs. This Manual is made available on the Floyd County SWCD's website, as well as the SWAC website.

As previously mentioned, the City of New Albany, through efforts with the Southern Indiana SWAC, has finalized the Qualified Professional program. This program requires training and licensure for inspectors on active construction sites. Though this program is primarily intended for active construction site management, the program will provide insight and training for many post-construction BMPs.

The City of New Albany began a two-year stormwater masterplanning initiative in November 2008. It was completed and adopted by City Council in July 2010. The masterplanning effort assesses drainage infrastructure and locations for regional BMPs to address water quality and quantity. The first major project identified in this plan is in the Castlewood area. A regional wetland detention basin is being installed. It will serve for quantity control but also as a educational tool for local schools.

22. List the best management practices for municipal operations pollution prevention and good housekeeping identified in your SWQMP Part C and respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
see below
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility as it relates to pollution prevention and good housekeeping at MS4 owned and operated facilities during this reporting period.
No major problems were encountered in implementing the City's good housekeeping program.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.
The City developed Stormwater Municipal Operation Plans (SMOPs) for all City-owned municipal facilities responsible for outdoor activities (Parks department, City maintenance garage, etc)
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
The Stormwater Coordinator has received EnviroCert's CMS4S certification. As stated above, 97 City employees have received training in stormwater programs, performed internally. City department heads and foreman receive outside training when possible. These trainings are generally provided by the SWAC, SWCD, IDEM or other associated groups.
- e) Other:
n/a

MCM 6: Municipal Operations and Good Housekeeping

1) The SWAC has developed a series of training materials regarding water quality for municipal employees. These materials provide simple "do's and don'ts" that can be used at municipal facilities for site management or in the field while performing municipal services.

The Stormwater Municipal Operations Plan (SMOP) has been developed for the City of New Albany, Indiana, pursuant to the requirements of the National Pollutant Discharge Elimination System (NPDES) Program as outlined in 327 IAC 15-13-17. The SMOP describes the measures needed to protect the water quality of the municipal separate storm sewer system (MS4) at municipal facilities such as highway garages, salt storage buildings, and parks departments.

The SMOP describes the facility and its operations, develops an inventory of potential pollutant sources, identifies controls and best management practices (BMPs) for reducing the discharge of pollutants in stormwater runoff, and outlines measures for scheduling, implementing, documenting and reviewing this plan. The controls and BMPs described here may refer to the practices outlined in the City of New Albany Environmental Awareness Handbook. All City Operational Facilities have Stormwater Municipal Operating Plans. Relocation and consolidation of departments to an existing INDOT facility was completed in January 2011.

The City of New Albany performed training in 2011/2012 at the Street Department, Maintenance Garage, New Albany Floyd County Fire Department, Wastewater Treatment Plant, and New Albany Floyd County Parks Department. In addition, the City developed an Environmental Awareness Handbook for City Facilities. Facilities have the handbook in its entirety; relevant sections are included in the Stormwater Municipal Operations Plans for each facility. The purpose of this handbook is to provide a useful guide for municipal BMPs. During 2011-2012 141 employees received training focused on good housekeeping and how to identify and respond to illicit discharges.

The City of New Albany owns one (1) refueling outlet, a diesel fueling station for fire trucks, located at the New Albany Fire Station Number Two at 3037 Grant Line Road. BMPs present at the site include an emergency shut off valve for the storage tank, a monitoring system to monitor leaks for the underground storage tank, a grass swale and an oil and water sediment drain guard insert.

The City of New Albany completed preliminary audits for nine (9) municipal facilities to assess containment procedures for accidental releases. Two of these audits took place during prior permit years. The New Albany Wastewater Treatment Plant and New Albany Fire Department have Standard Operating Procedures in place. The City moved into a facility at 2113 Grantline Road in January of 2011. The Street Department, Stormwater Department and Maintenance Garage operates at this facility. The City Maintenance Garage has and operates an oil/water separator and secondary containment at this facility. The Parks Maintenance facility has drum pallet containment. A secondary containment system for an above ground fueling tank at the Parks Maintenance facility was constructed in the Spring 2011.

Spot herbicide treatments for nuisance vegetation (e.g., poison ivy) are applied in locations where human contact is likely in the twenty-one (21) municipal parks and facilities that are located on 673 acres throughout its corporate boundaries.

There are currently no canine parks within the City of New Albany. However, the New Albany Floyd County Animal Shelter is having negotiations with Park officials about the potential of a location to service both City and County.

Infrastructure mapping is complete. The City of New Albany completed the Stormwater Masterplan in 2010 and was adopted by the City Council in July. As part of this process, the City will assess and document post-construction BMPs with respect to quantity related projects.

The City of New Albany maintains 1,736,068 feet of conveyance system (328 miles) The City has 14.6 square miles of land of which 9,468 acres is impervious area

In 2011/2012, 7,236 feet of the City's stormwater drainage system (drains, culverts, and ditches) were maintained and cleaned. Approximately 1,189 cubic yards of debris was collected from catch basins and streams.

Approximately 50,000 linear feet of vegetated swales along the roadside were maintained through mowing.

Leaf and woody debris collection is offered as a service to the residents of the City New Albany. For the period of 2011 through June 2012, the City collected approximately 2,199 tons of leaf and woody debris.

No stormwater outfalls were remediated from scouring conditions during 2011/2012.

There is one (1) covered de-icing salt storage area at the New Albany City Services Complex at 2113 Grantline Road. This facility holds approximately 2000 tons of salt. The City continues to use salt for roads. Salt used for 2011 was 776 tons and in 2012 125 tons.

Two (2) street sweepers operated throughout the City of New Albany's corporate boundaries. The City of New Albany's Ordinances define the hours and temperatures for the street sweepers to operate. In 2011/2012 the street sweepers in the City of New Albany operated 2,922 hours and collected approximately 3,206 cubic yards of material.

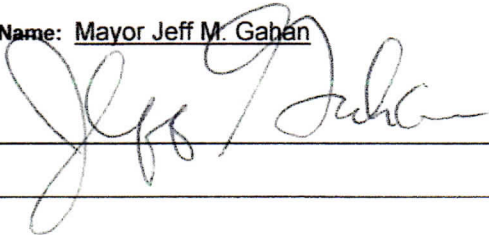
PART K: CERTIFICATION AND SIGNATURE

The individual listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

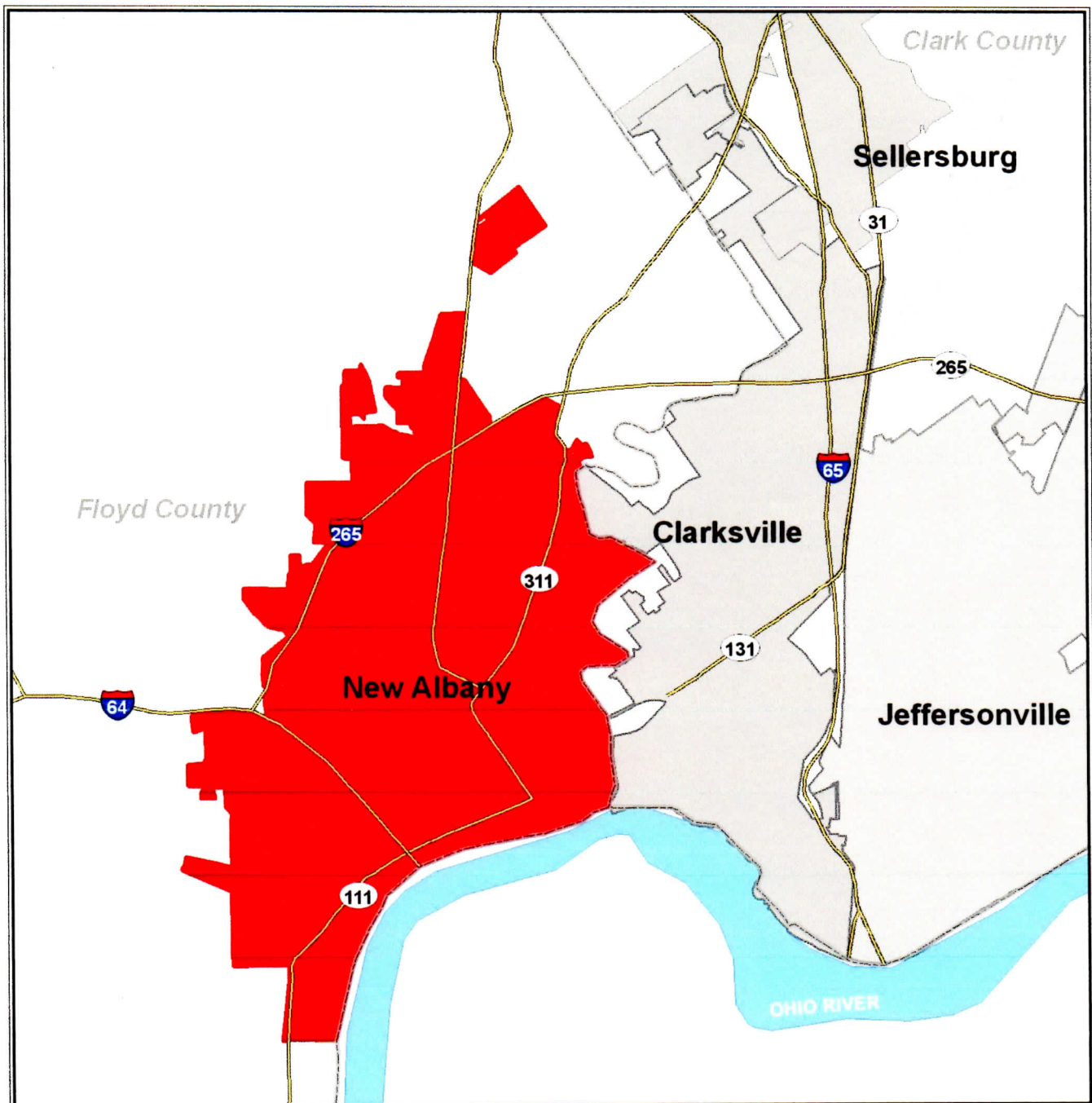
"By signing this annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry 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: Mayor Jeff M. Gahan

Signature: _____



10-12-12
(mm/dd/yyyy)



City of New Albany, Indiana Location Map



New Albany Boundary



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Floyd County

