



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>2013-2015</u>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input 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 <i>(Name of permit holder)</i>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Town
3. MS4 Operator:	Mayor Jeff Gahan	<input type="checkbox"/> County	<input type="checkbox"/> Non-traditional
4. Mailing Address:	311 Hauss Sqaire New Albany, IN	ZIP: 47150	County: Floyd
5. Email Address:	mayor@cityofnewalbany.com		

PART B: GENERAL INFORMATION – MS4 COORDINATOR

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

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name: NA	<i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>		
12. Affiliation with the MS4:			
13. Mailing Address:			
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
- 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")
A section of Charlestown Road from I265 to the 4500 Block was annexed. This includes primarily commercial property. see attachment 16b.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
Stream Visual Assessment Protocol (SVAP) performed spring & fall 2013, 2014, 2015
- d) Provide updated receiving water information completed during the reporting period if applicable.
NA
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
Storm water fee \$4.17 / resident, \$4.17 / 2500 sq ft impervious commercial.
- f) Provide a list of new active industrial sites identified during this reporting period.
None identified.
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.
NA
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
The City of New Albany makes a strong effort to respond to the complaints of citizens with regard to storm water issues. Calls are logged and complaints are categorized. The status of the complaint is also updated as it is addressed. See attached table of programmatic indicators and measurable goals summary
- i) Other:

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.
- Stormwater Survey conducted from March 2014 through February 2015. In February 2015, the SWAC completed a stormwater awareness survey and found that more people are recognizing their actions have an effect on water quality. In addition, it was reported that 60% of respondents had seen, read, or heard about ways to reduce pollution related to stormwater runoff, compared to only 31% in the 2009 survey, which indicates that public education and outreach efforts are reaching people.
- Renewed agreement with Floyd County Soil and Water Conservation District June 2013,
- Starting in November 2014 a quarterly newsletter "Stormwater News" has been published and distributed by the City of New Albany to over 12,000 households. The newsletter updates the residents on topics taking place within our community with regards to stormwater.
- 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 Board is responsive to the concerns brought to it by citizens or local officials. A steward of the funds provided by the citizens of New Albany the Board has initiated four major drainage improvement projects and has four more being designed. The funding of these are from a \$6,000,000 bond secured through the storm water monthly fee
- Through a partnership with Floyd County SWCD and Floyd County Solid Waste Booths were set up at the 4H Fair each year. Fliers were handed out for Rain-garden, Rain Barrel, HHW, storm water coloring books and crayons. In 2014 a rain barrel decorating contest was held with 4 clubs within 4H participating. A booth was also set up in 2014-2015 at the Love your Mother Earth Day festival in New Albany. The same literature from the 4 H was handed out.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
- None
- c) Describe program BMPs that went beyond those identified in the SWQMP.
- Stormwater Awareness Week in cooperation with SISWAC.
- In 2013 our department did a complete upgrade to New Albany's Stormwater Website, 2014 SISWAC also had website upgrade. In 2014 City of New Albany and SISWAC added presence on facebook
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
- Stormwater Awareness Week SISWAC
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
- Southern Indiana Storm Water Advisory Committee (SISWAC) held 8 quarterly meetings over this period with over 110 individuals attending and participating. The SWAC meetings cover information regarding new legislation for regulations, technology which may be of assistance to communities and community updates among other topics.
- Through a partnership with Floyd County SWCD classroom presentations are made to 4th grade classes at schools in New Albany. A power point presentation on what storm water is and pollutants that it picks up. An Enviroscape is used to show how rain water transports pollutants. Students in attendance = 2013 - 46 / 2014 - 111 / 2015 - 193
- The City of New Albany has partnered with Floyd County Soil and Water Conservation District and Floyd County Solid Waste Management District to address concerns ranging from Construction Site Inspections to housing a facility for collection of household hazardous wastes at the City of New Albany's WWTP.
- f) Other:
- The SWAC has implemented an annual Stormwater Awareness Week from 2011 - 2015 to establish a consistent message across the region. This has included a yard sign advertising campaign. The City of New Albany places yard signs at all Firehouses, City Parks and Operational Facilities.
- The City of New Albany has consistently increased participation at SWAC meetings and events. In addition, the City of New Albany has provided input on group publications, including the development of thirteen (13) tri-fold brochures, an Illicit Discharge Detection and Elimination Field Guide Manual, and Drainage Detention Systems Guidebook. The publications are published on the SWAC webpage, which was updated in December 2014. The City of New Albany has also actively participated in expanding the online presence of the SWAC through social media, such as Facebook and a "Did You Know?" outreach campaign.

PART F: PUBLIC PARTICIPATION AND INVOLVEMENT - MINIMUM CONTROL MEASURE

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.
ORSANCO River Sweep has taken place every year along the banks of the Ohio. The boat ramp and surrounding area is the location for river clean up in New Albany. Volunteers = 2013-68 / 2014 - 72 / 2015 -70. Volunteers collected a total of 75 cubic yards of material. See attached table of programmatic indicators and measurable goals summary
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
Since many storm drains have already been marked within the city storm drain markings will be inspected and replaced or maintained as needed. Waste Treatment Plant Tours discontinued
- c) Describe program BMPs that went beyond those identified in the SWQMP.
Since 2014, pharmaceutical disposal for citizens has 24 hour availability at Floyd County Hospital and Sheriff's Dept.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
The City has been working with a local church, Noirthside Christian since 2012 to perform annual clean ups in our City parks.
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The City of New Albany sponsored a Raingarden Workshop in Fall 2013 through the SWAC to learn about raingarden installation and maintenance procedures. At the 2013 MS4 Annual Meeting, the City of New Albany, through the SWAC, received a Certificate of Recognition for implementing public education and participation activities beyond their SWQMP – BMPs through Stormwater Awareness Week activities.
- f) Other:

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:

- a) 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.).
List of illicit discharges are documented and the location marked on the storm water system map. See attached table of programmatic indicators and measurable goals summary
The City of New Albany offers curb side recycling for paper, glass and cans. See attached table of programmatic indicators and measurable goals summary
The City of New Albany in partnership with Floyd County works with the Solid Waste Management District to collect a single stream of household hazardous waste. The collection site for household hazardous waste is at the City of New Albany's Waste Treatment Plant. See attached table of programmatic indicators and measurable goals summary
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
The map collected in 2008 has been updated as changes are discovered in the field. The dry weather screening of 242 outfalls was completed in 2012 for second permit term and in summer 2016 will perform dry weather screening for third permit term.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
None
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
None
- e) Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.
The entire system was mapped in 2008. The department has purchased an Ipad in 2014 to record revisions to the existing system map, record illicit discharge locations, perform Stream Visual Assessment Protocol (SVAPs) and use for verification of new system installation. This equipment will be utilized as well in the dry weather screening of our system.
- f) Other:
The City of New Albany provides IDDE training for employees and has utilized the SWAC's IDDE Standard Operating Procedures (SOP) Field Manual for identifying illicit discharges, which was developed in February 2013. In Spring 2013, the City of New Albany passed an IDEM audit which covered MCM3 activities. The City of New Albany, through the SWAC, received a Certificate of Recognition at the 2013 MS4 Annual Meeting for their successful IDDE audits

PART H: CONSTRUCTION SITE STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE

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.
The City of New Albany has the list of all construction projects which includes plan approval date, bmp and ,permit number. See attached table of programmatic indicators and measurable goals summary
Design Manual compiled and updated in December 2012 and updated in August 2014. Available on City of New Albany Stormwater website.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The FCSWCD performs biweekly inspections and keeps the results on file. Any enforcement action taken is also noted and placed on file. See attached table of programmatic indicators and measurable goals summary
- 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.
See attached table of programmatic indicators and measurable goals summary
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
The City of New Albany provides educational materials to all construction permit applicants, including eleven (11) brochures developed through the SWAC specifically for construction activity. The City of New Albany will continue to make available the Drainage Detention Systems Guidebook, developed through the SWAC, which outlines maintenance procedures for post-construction BMPs. The BMP and Design Manuals are available on Stormwater's website.
- 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.
Quarterly SWAC meetings, Annual MS4 Meeting, successful completion of the QPI training provided by Soil and Water Conservation District.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
Design manual updated Dec 2012 and changes made August 2014
- g) Other:
A Qualified Professional Inspector (QPI) Program has been developed in cooperation with the SWAC. This program is designed to train individuals in erosion prevention and sediment control measures to enable them to be competent inspectors for construction sites. QPI classes are conducted by local Soil and Water Conservation District personnel. Since the QPI program has been instituted there have been over 250 participants. The program includes a certification and licensure process similar to that of a licensed plumber in Indiana. See attached table of programmatic indicators and measurable goals summary

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.
A list of 54 structural BMPs have been identified which include new projects recorded since 2005 to present as well as locations identified prior to 2005. See attached table of programmatic indicators and measurable goals summary
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
Record and type of BMPs installed prior to 2005 are sometimes difficult to locate. Primary method has been through field investigation.
- c) Describe program implementation partnerships and explain successes and barriers.
A review of construction plans by a third party engineering firm is performed to ensure compliance with all ordinances and designs prior to approval.
- 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.
Inspectors have received QPI training. See attached table of programmatic indicators and measurable goals summary
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
Design manual revisions which would impact the post construction BMPs are reviewed on a quarterly basis.
- f) Other:
The SWAC developed the Detention Systems Guidebook in November 2011 and updated it in November 2014 to educate and inform basin owners on identifying and resolving problems with their basins. In December 2010, the City of New Albany staff, contractors, developers and SWCD inspectors attended a SWAC-hosted post-construction workshop.

PART J: MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING - MINIMUM CONTROL MEASURE

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.

The City of New Albany utilizes a crew of 10 employees dedicated to the maintenance and repair of the storm water system. The City operates a variety of equipment to accomplish this goal including a JetVac, 3 - Street Sweepers, 2 - Leaf Vacuums, a side boom mower tractor, small construction equipment and supporting vehicles.

A list of ditches and storm conveyance system maintained, amounts of material collected See attached table of programmatic indicators and measurable goals summary

To aid in collection of debris and waste which would potentially affect the entire City's storm system an additional street sweeper route was added in 2015. Salt routes have been mapped and location to waterways identified. Sweeper routes along with salt routes are shown in attachment 22a

- 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.

Reliability of older street sweepers reduced operationing times in 2015. A new sweeper is to be delivered in February 2016.

Have expanded the inspections of facilities to include low risk sites i.e parks and golf course

The City has hired a certified licensed applicator to spray the city for mosquitos. The spraying has taken place in 2014 and 2015. See attachment 22b for route the spraying was applied

Vegetated Maintenance was impacted in 2015 by loss of equipment availability See attached table of programmatic indicators and measurable goals summary.

- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.

City owned facilities are inspected annually.

Use of a catch basin insert at City Services complex to collect any sediment or oil run off from parking lot.

Plans are underway to design and install a permanent wash bay at the City Services Complex.

Use of a self contained concrete pit to collect debris from vacuum style street sweeper and jet vac. The material in the pit is allowed to decant and discharge water is passed through a sediment/oil bag. Solids are disposed of at sanitary landfill.

- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.

Conduct annual training to all operational personnel. See attached table of programmatic indicators and measurable goals summary

- e) Other:

Through the SWAC, the City of New Albany developed and adopted the Environmental Resource Handbook, which contains quick-reference fact sheets to assist municipal employees in protecting water quality. The City of New Albany attended an MCM 6 Pre-Audit Workshop with Reggie Korhals from IDEM in July 2014, which was intended to prepare the City of New Albany for a future audit by reviewing compliance activities and procedures. In January 2015, City of New Albany staff attended a SWAC-developed municipal operations pollution prevention workshop regarding water quality for municipal employees. The training materials developed for the workshop provide simple "do's and don'ts" for ease of understanding. The SWAC has also purchased a series of six (6) training videos from the North Central Texas Council of Governments (NCTCOG) on pollution prevention and good housekeeping procedures. The videos have been made available to municipal employees.

The City of New Albany stormwater coordinator has annually attended the Indiana MS4 Annual Meetings and been represented at the SWAC display table, which is used to disseminate information about the group to representatives throughout the state. The City of New Albany MCM6 was audited in 2010 and recognized for its implementation in May 2011.

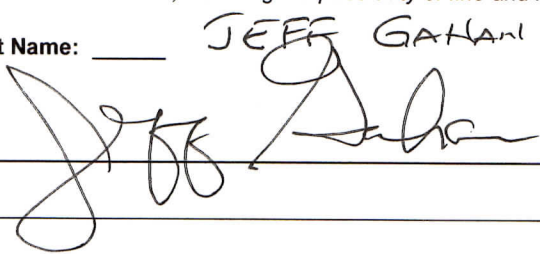
PART K: CERTIFICATION AND SIGNATURE

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: _____ JEFF GATHAN

Signature: _____



1-15-16
(mm/dd/yyyy)