



# RULE 13 ANNUAL REPORT

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

### 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>

### 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.

### REPORTING YEAR

(Check one)

- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014

### PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report Completed By: Street Department Superintendent on behalf of the Town of Zionsville  
(MS4 Operator — i.e., name of permit holder)

2. Permit Number: INR 0 4 0 035

3. Mailing Address  
Street Address: 1100 W. Oak Street

City <input checked="" type="checkbox"/> Town	Of: <u>Zionsville</u>	Zip: <u>46077</u>	County: <u>Boone</u>
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### PART B: GENERAL INFORMATION – CONTACT PERSON

4. Contact Person Name (please print): Lance A. Lantz

5. Contact Person Title: Street Department Superintendent

6. Phone Number: (317) 873-4544

7. Facsimile Number (if applicable): (317) 733-2275

8. E-mail Address (if applicable): llantz@zionsville-in.gov

### 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:

Assessment/Public Understanding Survey – An initial survey was completed in 2005. The survey will be repeated by November 1, 2008 to determine the extent to which public knowledge has increased during the preceding years. The Town is researching the possibility of posting the 2008 Public Understanding Survey online.

Partnerships – During 2007, the Boone County SWCD has shown no further interest at this time in signing a Memorandum of Agreement (MOA) to assist the Town with its Rule 13 activities. In 2007, the MS4 Operator and Eagle Creek Watershed Alliance (ECWA) representatives began discussions that led to an ECWA presentation in early January 2008. A Town representative volunteered at IUPUI's Water Quality Awareness Day at Eagle Creek Park on October 5, 2007. The MS4 Coordinator also attends and participates in the Upper White River Watershed Alliance meetings.

Hazardous Waste – Working via its membership on the Boone County Solid Waste Management Board (BSWMB), the Town continued to pursue opportunities to conduct community-wide household hazardous waste collections. The BSWMB held a Hazardous Waste Collection Day on August 25<sup>th</sup> at the Zionsville Town Hall. The Town promoted the collection day via a message on sewer bills to over 3,000 residents, flyers available at Town Hall and the Municipal Services Building, after hours voicemail message at the Zionsville Street Department, and via the Town's website. 251 vehicles visited the collection day dropping off 6.135 tons of hazardous waste. During heavy trash collection week, it was emphasized that hazardous waste should not be thrown out with regular or heavy trash. Ten refrigerators were collected during that week for which the Town paid for Freon removal. The Town did not collect any tires that week.

Stormwater Educational Materials – The Town collected educational materials to provide as handouts at Town Hall and the Municipal Services Building including ECWA brochures and IDEM materials. After borrowing the SWCD's Sewer/Stormwater Enviroscape interactive display for a classroom presentation, the Town is researching the purchase of an Enviroscape display to be used for youth stormwater education. The Town also distributed 50 general water quality education brochures and 50 ECWA brochures at Zionsville West Middle School. The Town will supplement this activity through additional Memoranda of Agreement with other parties in 2008.

Signs – The Town will initiate Signage projects in 2008 as well as sign a MOA with another party to provide assistance with implementing Signage and other BMPs associated with MCMs 1 and 2.

Storm Water Video – The Town has started a video library and will be offering these resources to the schools and other youth groups in 2008. This media will also be used in future public meetings as necessary and helpful. The Town will supplement this effort through the signing of an MOA with another party to provide assistance for MCMs 1 and 2. This activity will continue in 2008.

Website – The Town posted informational news items on the website throughout 2007 to promote Limb & Brush Collection and the BSWMB Hazardous Waste Collection Day and Leaf Collection. The Town is working with their website designer to enhance the stormwater information beyond the current posting of the Stormwater Ordinance and Technical Standards as well as brief descriptions of Rule 5 and Rule 13. The focus will be on providing educational information and helpful links to area water quality groups and their public information. The Town is also researching the possibility of posting the 2008 Public Understanding Survey online.

Contact Tracking – The Town is in the process of signing an MOA with another party to provide assistance in implementing Contact Tracking and other BMPs associated with MCMs 1 and 2. This activity has been budgeted by the Town Council and will begin in 2008.

News Media – The Town is in the process of signing an MOA with another party to provide assistance with working with the news media and other BMPs associated with MCMs 1 and 2. This activity has been budgeted by the Town Council and will begin in 2008.

b. Public Involvement and Participation:

Citizens Advisory Group – The Town will create a Citizens Advisory Group in 2008, either independently or through an MOA with another party. Funding for this activity has been budgeted by the Town Council and will begin in 2008.

Adopt-A-River Program – The Town is in the process of signing an MOA with another party to provide assistance with implementing an Adopt-A-River Program and other BMPs associated with MCMs 1 and 2. Funding for this activity has been budgeted by the Town Council and will begin in 2008.

Storm Drain Stenciling – Private citizen groups have undertaken Storm Drain Stenciling in the past and the Town is in the process of signing an MOA with another party to provide assistance with implementing Storm Drain Stenciling and other BMPs associated with MCMs 1 and 2. All new storm sewer castings are required to have a pre-cast “fresh water only” stormwater message. Funding for this activity has been budgeted by the Town Council and will begin in 2008.

Partnerships – (see MCM #1)

Youth Involvement – The Town's MS4 Operator and staff conducted a Stormwater Presentation to 50 5<sup>th</sup> Graders at Zionsville West Middle School. A Sewer/Stormwater EnviroScape was used and age appropriate take home brochures were handed out. This presentation was well-received by the teachers and school. The Town will repeat this presentation in 2008 and will expand it to include Zionsville Middle School. The Town is in the process of signing an MOA with another party to provide assistance with implementing Youth Involvement programs and other BMPs associated with MCMs 1 and 2. Funding for this activity has been budgeted by the Town Council and will begin in 2008.

Contact Tracking – The Town is in the process of signing an MOA with another party to provide assistance with implementing Contact Tracking and other BMPs associated with MCMs 1 and 2. Funding for this activity has been budgeted by the Town Council and will begin in 2008.

c. Illicit Discharge Detection and Elimination (IDDE):

Stormwater System Map – Work is continuing on the mapping of the Town's separate storm sewer system. To date, approximately 50% (125,000' of open conveyance and 125,000' of closed conveyance) of the Town's system has been mapped through the submittals of as-builts by developers. The Town Council has approved funding to hire a consultant to map the remaining portions of the stormwater conveyance system in 2008.

Prohibit Illicit Discharges – The comprehensive Stormwater Management Ordinance, which prohibits illicit discharges, was adopted on December 6, 2004.

Detect, Address, and Eliminate Illicit Discharges – The Town Council has approved funding to hire a consultant to begin work on this activity in 2008.

Dry Weather Screening – The Town Council has approved funding to hire a consultant to begin work on this activity in 2008.

Identification of Industrial Facilities – No Rule 6 type industrial facilities are currently located within the Town's jurisdiction.

Education – The Town Council has approved funding to hire a consultant to begin work on this activity in 2008.

Recycling – All residents may pay a monthly fee to use the recycling service provided by the Town's contracted trash service, Republic Services of Indiana.

d. Construction Site Storm Water Run-off Control:

Erosion and Sediment Control Ordinance – The comprehensive Stormwater Management Ordinance, which addresses erosion and sediment control requirements, was adopted on December 6, 2004.

Coordination with SWCD – The Town continued its coordination efforts with the Boone County SWCD on construction projects.

Personnel Training – The Town is currently utilizing a contractor who has received training in this area to aid in their inspections of construction activities. The MS4 Operator is a member of the Indiana Water Environment Association (IWEA) and receives information through the association. The Town hosted a Boone County Municipal Operations and Good Housekeeping Pollution Prevention Level I training on February 23, 2007 with Town staff, the SWCD, representatives from the BSWMB, Boone County Surveyor's Office, and City of Lebanon staff attending. The Town will be hosting Level II training for Municipal Operations and Good Housekeeping in 2008. Also, the MS4 Operator and Building Commissioner/Director of Planning attended the "Keep It Clean" workshop on March 1, 2007 for 8 hours of training. The MS4 Operator also attended IDEM's Storm Water Technical Training session and regional Rule 13 MS4 Pre-evaluation session in Crawfordsville on November 27<sup>th</sup>, as well as the IDEM Rule 5 Coordination and Training seminar in Ft. Wayne on November 28<sup>th</sup>, receiving another 6 hours of education and instruction.

BMP Implementation Requirements – The Town is utilizing their Technical Standards with the comprehensive Stormwater Management Ordinance.

Public Informational Requests – Mainly requests were received regarding whether new development sites were approved by the Town. Disposal of household hazardous waste requests were directed to the BSWMB.

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

Erosion, Sediment, and Post-construction Control Ordinance – The comprehensive Stormwater Management Ordinance, which addresses erosion and sediment control as well as Post-Construction requirements was adopted on December 6, 2004.

Site Planning – The comprehensive Stormwater Management Ordinance mandates post-construction BMPs as a part of site planning.

BMP Implementation Requirements – The comprehensive Stormwater Management Ordinance requires post-construction BMPs be implemented on new development and redevelopment projects.

Personnel Training – The Town is currently utilizing a contractor who has received training in this area to aid in their inspections of construction activities. The MS4 Operator is a member of the Indiana Water Environment Association (IWEA) and receives information through the association. The Town hosted a Boone County Municipal Operations and Good Housekeeping Pollution Prevention Level I training on February 23, 2007 with Town staff, the SWCD, representatives from the BSWMB, Boone County Surveyor's Office, and City of Lebanon staff attending. The Town will be hosting Level II training for Municipal Operations and Good Housekeeping Pollution Prevention in 2008. Also, the MS4 Operator and Building Commissioner/Director of Planning attended the "Keep It Clean" workshop on March 1, 2007 for 8 hours of training. The MS4 Operator also attended IDEM's Storm Water Technical Training session and regional Rule 13 MS4 Pre-evaluation session in Crawfordsville on November 27<sup>th</sup>, as well as attended the IDEM Rule 5 Coordination and Training seminar in Ft. Wayne on November 28<sup>th</sup>, receiving another 6 hours of education and instruction.

Operational and Maintenance Plan – The Town does not currently own or operate any BMPs that would require an Operation and Maintenance (O&M) Plan. The comprehensive Stormwater Management Ordinance does require O&M plans for BMPs on private development.

f. **Pollution Prevention and Good Housekeeping for Municipal Operations:**

Personnel Tracking – The Town hosted a Boone County Municipal Operations and Good Housekeeping Pollution Prevention Level I training on February 23, 2007 with Town staff, officials, and the SWCD attending. The Town will be hosting Level II training in 2008. The Parks Department Superintendent is a Certified Pesticide Applicator (CPA) through the Office of the Indiana State Chemist (OISC).

Maintenance Activities – Vehicle wash water drains to an oil and water separator, which is connected to the sanitary sewer.

Flood Prevention Projects – The Town did not complete any new flood prevention projects in 2007.

Chemical Usage – The annual chemical usage by the Town for weed control is minimal. During 2007, the Town used approximately 100 gallons of diluted Round-Up (60 gal. by the Street Dept. and 40 gal. by the Parks Dept.).

Salt and Sand Management – The Town already stores road salt in an enclosed facility that was built in 2005. During 2007, the old salt barn facility was demolished.

Recycling Program – For Town vehicle maintenance activities, mobile service units are utilized which collect all fluids and dispose of them off-site. A waste oil barrel is used to collect incidental fluids and a contractor is used to dispose of those fluids.

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):

**No additional to report.**

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

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

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

- xviii. Number, type, and location of structural BMPs inspected
  
- xix. Number, type, and location of structural BMPs maintained, or improved
  
- xx. Type and location of nonstructural BMPs utilized
  
- xxi. Estimated acreage or square footage of open space preserved and mapped
  
- xxii. Estimated acreage or square footage of mapped pervious and impervious surfaces
  
- xxiii. Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
  
- xxiv. Number and location of entity facilities that have containment for accidental releases
  
- xxv. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity
  
- xxvi. Estimated linear feet or percentage and location of unvegetated swales and ditches that have an adequately sized vegetated filter strip
  
- xxvii. Estimated linear feet or percentage and location of MS4s cleaned or repaired
  
- xxviii. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
  
- xxix. Number and location of storm water outfall areas remediated from scouring conditions
  
- xxx. Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure
  
- xxxi. Estimated amount, in tons, of salt and sand used for snow and ice control
  
- xxxii. Estimated amount of material collected from catch basin, trash rack, or other structural BMP cleaning
  
- xxxiii. Estimated amount of material collected from street sweeping
  
- xxxiv. Number or percentage and location of canine parks sited at least 150 feet away from a surface water body
  
- xxxv. Other

## On-Going Water Quality Characterization Activities

a) According to the Draft 2008 303(d) List of Impaired Waters, Little Eagle Creek Branch (05120201120070), Jackson Run and Tributaries (05120201120050), and Eagle Creek are all listed as impaired as a result of *E.coli* bacteria. Future stormwater education efforts among other things will incorporate information regarding how local constituents can ensure that their activities are not contributing to *E.coli* stormwater loadings.

12.

b) Other:

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

**None to Report.**

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

The 2008 Street Department budget includes Level II specific line items that will provide funding for projects relating to public education and outreach, public participation and involvement, storm sewer conveyance and outfall mapping and screening, construction and post-construction runoff control, and good housekeeping pollution prevention programs in 2008.

In addition, the 2008 Street Department budget includes funding for the establishment of a long-term funding mechanism that will help ensure that the Town has an adequate stormwater budget for years to come.

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.

**None received.**

**17. Implementation status:**

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

X Yes  No\*

\* If no, explain:

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

Yes X No\*

\* If yes, explain:

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

X Yes  No\*

\* If no, explain:

**PART E: CERTIFICATION AND SIGNATURE**

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

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

Type or Print Name: Lance A. Lantz

Signature: (see attached original signature)

Date: \_\_\_\_\_  
(mm/dd/year)