



RULE 13 ANNUAL REPORT

State Form 51278 (R3 / 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)

- ☒ 2005
- ☐ 2006
- ☐ 2007
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013

PART A: GENERAL INFORMATION - MS4 OPERATOR

1. Report Completed By: City of Evansville
(MS4 Operator - i.e., name of permit holder)

2. Permit Number: INR 0400057

3. Mailing Address: 1 NW Martin Luther King, Jr., Blvd.
Street Address: Rm 321, Civic Center complex

☒ City
☐ Town

of: Evansville

Zip: 47708

County: Vanderburgh

PART B: GENERAL INFORMATION - CONTACT PERSON

4. Contact Person Name (please print): Patrick R. Keeper, P.E.

5. Contact Person Title: City Engineer

6. Phone Number: 812-436-4977

7. Facsimile Number (if applicable): 812-436-4976

8. E-mail Address (if applicable): pkeeper@evansvillepublicworks.com

9. Control Measure Activities

- a. Public Education and Outreach
 - a. Solid Waste District Advertised to promote its various waste collection days
 - b. The Group, Water Awareness for the Vanderburgh Environment (WAVE), prepared a Storm Water display with input from City and County Agencies to post at the Wesselman Park Nature Preserve.
 - c. WAVE also has a web site and links to riverfriendly.org
- b. Public Involvement and Participation
 - a. The public was greatly involved in the Solid Waste District waste collection days.
 - b. Various groups sponsored activities encouraging public participation in storm water protection including: "Picking on the Pigeon" and "River Sweep"
- c. Illicit Discharge Detection and Elimination
 - a. The City of Evansville has transferred over 100 miles of pipe and 4697 structures from paper maps to a Geographical Information System (GIS.) A map of the transferred information titled, *Storm Water System Evansville, IN* is attached
 - b. The City of Evansville has a draft ordinance under review by the legal department, preparing to present the ordinance to the City Council. The ordinance will allow the City to inspect and order correction of illicit discharges within the city limits.
- d. Construction Site Storm Water Run-off Control
 - a. The City of Evansville has a draft ordinance under review by the legal department, preparing to present the ordinance to the City Council. The ordinance will allow the City to take over review and inspection of construction site storm water control within the city limits.
- e. Post Construction Storm Water Management in New Development and Redevelopment
 - a. The City of Evansville has a draft ordinance under review by the legal department, preparing to present the ordinance to the City Council. The ordinance will allow the City to take over review and inspection of post-construction storm water control within the city limits.
 - b. City personnel attended an erosion control seminar to get training and information related to BMP's and Ordinance Creation
- f. Pollution Prevention and Good Housekeeping for Municipal Operations
 - a. The annual Street Sweeping Program picked up 1,635.74 Tons of material in 2005 and swept 9,579.16 miles
 - b. The Street Maintenance Department also cleaned storm inlets and lines, throughout the year, but reporting controls are being worked out still.
 - c. Pollution prevention activities by the Solid Waste District resulted in collection of the following in 2005:
 - i. Household Hazardous Waste: 202,965 lb
 - ii. Household Batteries: 6,000 lb

| | |
|-----------------|--------------|
| iii. Mercury | 43 lb |
| iv. Recyclables | 8,184,000 lb |
| v. Tires | 2,699 tires |
| vi. Electronics | 3,587 pieces |

g. Other Controls

10. List all receiving waters and corresponding outfalls not submitted in the original NOI letter.

a. A list of outfalls is attached. For this list, under Type, the following key is used:

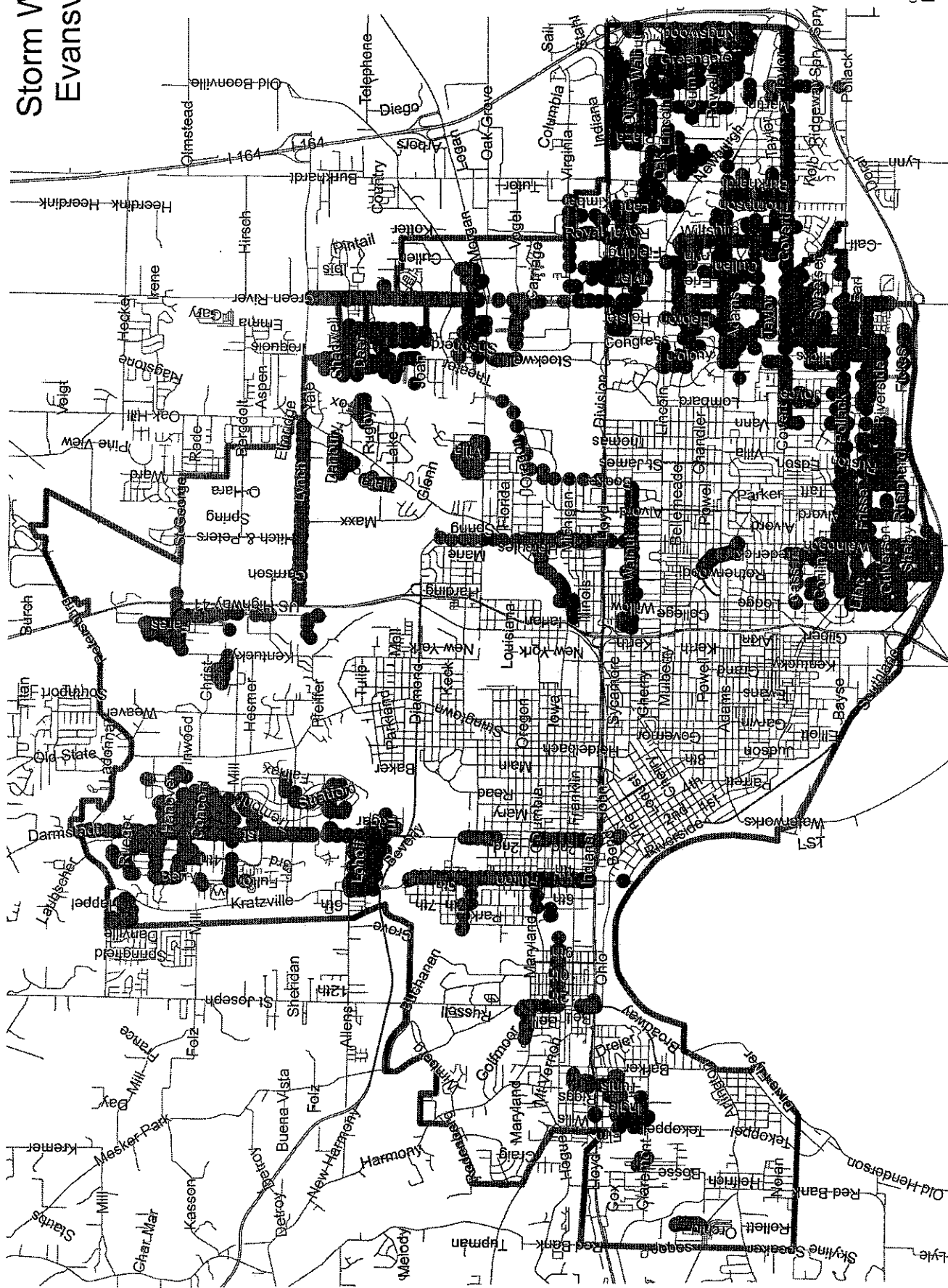
1 = Pipe 2 = Culvert 3 = Ditch 4 = Pump Station

For the Ownership field:

1 = MS4 2 = Private

b. A GIS Map titled *Outfall Inventory Evansville, IN* is also attached

Storm Water System Evansville, Indiana



Legend

- Structure
- Gravity_Storm_Sewer
- CityBoundaryLine
- 2000Streets

0 1,500 3,000 6,000 Feet

Storm Water Outfalls

6/23/2006

| ID Number | Type | Size | Location | Receiving Stream | Ownership |
|-----------|------|---------------|--------------------------|------------------|-----------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 1 | 4 | | end of Lodge Ave | Eagle Creek | 1 |
| 10 | 1 | 12" | Washington Ave | Williams Ditch | 1 |
| 11 | 1 | 24" | Lakeside Terrace Lake | Williams Ditch | 1 |
| 12 | 1 | 27" | Lakeside Terrace Lake | Williams Ditch | 1 |
| 13 | 1 | 2-12" | Lakeside Terrace Lake | Williams Ditch | 2 |
| 14 | 1 | 12" | Lakeside Terrace Ct | Williams Ditch | 1 |
| 15 | 1 | 12" | Beechwood Ct | Williams Ditch | 1 |
| 16 | 1 | 12" | Kricklewood Ct | Williams Ditch | 1 |
| 17 | 1 | 21" | Colony Ridge Condos Lake | Williams Ditch | 1 |
| 18 | 1 | 15" | Colony Ridge Condos Lake | Williams Ditch | 1 |
| 19 | 1 | 15" | Colony Ridge Condos Lake | Williams Ditch | 2 |
| 2 | 4 | | | Eagle Creek | 1 |
| 20 | 1 | 18" | Partridge Oak Condos | Williams Ditch | 2 |
| 21 | 1 | 18" | Partridge Oak Condos | Williams Ditch | 1 |
| 22 | 1 | 12" | Partridge Oak Condos | Williams Ditch | 2 |
| 23 | 1 | 12" | Lincoln Ave | Williams Ditch | 1 |
| 24 | 1 | 24" | Eagle Crest Sub | Williams Ditch | 2 |
| 25 | 1 | 18" | Eagle Crest Lake | Williams Ditch | 1 |
| 26 | 1 | 18" | Eagle Crest Lake | Williams Ditch | 1 |
| 27 | 1 | 33" | Eagle Crest Lake | Williams Ditch | 1 |
| 28 | 1 | 8" | Eagle Crest Lake | Williams Ditch | 1 |
| 29 | 1 | 36" | Eagle Crest Lake | Williams Ditch | 1 |
| 3 | 2 | 2- 4'x10' cul | Indian Woods Lake | Akin Ditch | 1 |
| 30 | 1 | 12" | Eagle Crest Lake | Williams Ditch | 1 |
| 31 | 1 | 12" | Eagle Crest Lake | Williams Ditch | 1 |
| 32 | 3 | | end of Fuquay Rd | Nurrenbern Ditch | 1 |
| | | | | | |

Storm Water Outfalls

6/23/2006

| ID Number | Type | Size | Location | Receiving Stream | Ownership |
|-----------|------|------|---------------------------|-------------------|-----------|
| 33 | 1 | 42" | Eagle Crest Blvd | Nurrenbern Ditch | 1 |
| 34 | 3 | | Plaza Dr & Lloyd | Crawford Brandeis | 1 |
| 35 | 3 | | Wilson Sq | Crawford Brandeis | 1 |
| 36 | 2 | | Burkhardt @ Lloyd | Crawford Brandeis | 1 |
| 37 | 1 | 30" | Burkhardt @ Lloyd | Crawford Brandeis | 1 |
| 38 | 3 | | Metro & Virginia | Stofleth Ditch | 1 |
| 39 | 1 | 30" | Royal Ave | Stofleth Ditch | 1 |
| 4 | 1 | 30" | Indian Woods old overflow | Akin Ditch | 1 |
| 40 | 1 | 30" | Virginia and Cullen | Harper Ditch | 1 |
| 41 | 3 | | Eastside Park | | 1 |
| 42 | 3 | | Negley Ave | | 1 |
| 43 | 3 | | Cullen Ave | | 1 |
| 44 | 3 | | | | 1 |
| 45 | 1 | 24" | Green River Rd | Pigeon Creek | 1 |
| 46 | 2 | 66" | Springvalley Rd | Pigeon Creek | 1 |
| 47 | 3 | | behind 3820 Stockwell | Pigeon Creek | 1 |
| 48 | 1 | 15" | 3620 & 3700 Park Ridge | Pigeon Creek | 1 |
| 49 | 1 | 18" | 3316 & 3400 Park Ridge | Pigeon Creek | 1 |
| 5 | 3 | | Audubon & Covert | Kolb Ditch | 1 |
| 50 | 1 | 24" | 3208 & 3212 Park Ridge | Pigeon Creek | 1 |
| 51 | 1 | 18" | 3809 & 3813 Timber Cove | Pigeon Creek | 1 |
| 52 | 1 | 21" | 2920 & 2924 Timber park | Pigeon Creek | 1 |
| 53 | 1 | 24" | 2804 & 2808 Timber Park | Pigeon Creek | 1 |
| 54 | 1 | 21" | 2700 & 2704 Timber Park | Pigeon Creek | 1 |
| 55 | 1 | 36" | behind 2626 Stockwell | Pigeon Creek | 1 |
| 56 | 1 | 12" | 3601 Negley | Pigeon Creek | 1 |
| 57 | 3 | | behind 3604 Richardt | Pigeon Creek | 1 |
| 58 | 1 | 15" | behind 2112 Lombard | Harper Ditch | 1 |
| 59 | 1 | 18" | behind 3225 Roselawn | Pigeon Creek | 1 |
| | | | | | |

Storm Water Outfalls

6/23/2006

| ID Number | Type | Size | Location | Receiving Stream | Ownership |
|-----------|------|--------------|------------------------------|---------------------|-----------|
| 6 | 1 | 42" | Covert & Fuquay | Kolb Ditch | 1 |
| 60 | 1 | 15" | btw 3225 & 3301 Roselawn Cir | Pigeon Creek | 1 |
| 61 | 1 | 15" | btw 3205 & 3209 Tiiffany Ct | Pigeon | 1 |
| 62 | 1 | 24" | btw 3709 & 3717 Reis | Harper Ditch | 1 |
| 63 | 1 | 24" | btw 1802 & 1812 Theater Dr | Harper Ditch | 1 |
| 64 | 1 | 48" | Morgan Ave at Harper Ditch | Harper Ditch | 1 |
| 65 | 1 | 66" | Morgan Ave at Harper Ditch | Harper Ditch | 1 |
| 66 | 1 | 2- 102" | Stockwee at Harper Ditch | Harper Ditch | 1 |
| 67 | 3 | | Morgan East of Wellworth | Pigeon Creek | 1 |
| 68 | 3 | | behind 2112 N Villa | Pigeon Creek | 1 |
| 69 | 3 | | Lake at Pine Lake Estates | Pigeon Creek | 2 |
| 7 | 3 | | Lauderdale Sub @ Covert | Kolb | 1 |
| 70 | 2 | 15" | End of Boeke Rd | Pigeon Creek | 1 |
| 71 | 1 | 96" | Weinbach Tunnel | Pigeon Creek | 1 |
| 72 | 3 | | North of outfall | Pigeon Creek | 1 |
| 73 | 3 | | Weinback Ave | Pigeon Creek | 1 |
| 74 | 1 | 96" | West of Maxx Rd | Pigeon Creek | 1 |
| 75 | 1 | 42" | Hwy 41 btw bridges | Pigeon Creek | 1 |
| 76 | 1 | 24" | Hwy 41 off ramp south | Pigeon Creek | 1 |
| 77 | 4 | | Stanley Ave | Pigeon Creek | 1 |
| 78 | 1 | 18" | Kentucky at Cardinal | Pigeon Creek | 1 |
| 79 | 4 | | Stringtown at Cardinal | Pigeon Creek | 1 |
| 8 | 1 | 12" | Carolwood Ct | Williams Ditch | 1 |
| 80 | 3 | | Vanderburgh | Pigeon Creek | 1 |
| 81 | 3 | | Kentucky at Richland | Little Pigeon Creek | 1 |
| 82 | 3 | | Richland West of Evergreen | Little Pigeon Creek | 1 |
| 83 | 2 | 12' x 8' box | New Harlan Ave | Little Pigeon Creek | 1 |
| 84 | 1 | 66" | End of Fares Ave | Little Pigeon Creek | 1 |
| 85 | 1 | 15" | 5100 blk Fares Ave | Little Pigeon Creek | 1 |
| | | | | | |

6/23/2006

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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:

b. Public Involvement and Participation:

c. Illicit Discharge Detection and Elimination:

d. Construction Site Storm Water Run-off Control:

e. Postconstruction Storm Water Management in New Development and Redevelopment:

f. Pollution Prevention and Good Housekeeping for Municipal Operations:

g. Other controls:

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

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):

- i. Number or percentage of citizens that have an awareness of storm water quality issues

Not Available

- ii. Number and description of meetings, training sessions, and events conducted to involve citizens

see question 9

- iii. Number or percentage of citizens that participate in storm water quality improvement projects

Not Available

- iv. Number and location of storm drains marked or cast

0

- v. Estimated linear feet or percentage of MS4 conveyances mapped

see question 9

- vi. Number and location of MS4 area outfalls mapped

see question 9

- vii. Number and location of MS4 area outfalls screened for illicit discharges

0

- viii. Number and location of illicit discharges detected

0

- ix. Number and location of illicit discharges eliminated

0

- x. Number of, and amount of material collected from, HHW collections

see question 9

- xi. Number and location of citizen drop-off centers for automotive fluids

Not Available

- xii. Number or percentage of citizens that participate in HHW collections

Not Available

- xiii. Number of construction sites permitted for storm water quality

Program administered at State Level to date

- xiv. Number of construction sites inspected

Program administered at State Level to date

- xv. Number and type of enforcement actions taken against construction site operators

Program administered at State Level to date

- xvi. Number of public informational requests received related to construction sites

0

- xvii. Number, type, and location of structural BMPs installed

0

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

0

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

Not Available

xx. Type and location of nonstructural BMPs utilized

See SWQMP Part B App. I

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

See SWQMP Part B App. H

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

Not Available

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

Not Available

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

Not Available

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

Not Available

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

Not Available

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

Not Available

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

4091 LF shoulders stabilized project 05-08-04
1 outfall

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

1 outfall stabilized project 05-03-02

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

All salt storage areas are covered

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

2,140 tons of salt

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

Not Available

xxxiii. Estimated amount of material collected from street sweeping

See question 9

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

Not Available

xxxv. Other

Installed internal joint seals and external collars to prevent washing out of soil projects 05-04-02 and 05-06-02

PART D: MISCELLANEOUS INFORMATION

12. On-Going Water Quality Characterization Activities *None at this time*

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

b) Other:

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

Program is being developed. Data collection and record keeping need to be improved.

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

No new funds identified

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 Non-Routine budgetary transactions
For stormwater projects, see Question 11*

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

No storm water quality complaints known.

17. Implementation status:

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

☐ Yes ☐ No*

* If no, explain: *Schedule is slipping, but implementation should be done within permit term.*

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

☐ Yes ☐ No*

* If yes, explain: *Many implementation decisions need to be made*

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

☐ Yes ☐ No*

* If no, explain: *Too early to tell*

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: Edward R. Ziemer

Signature: _____

Date: _____
(mm/dd/year)