



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)

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

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report

Completed By: Michael Fruth, P.E., P.L.S.
(MS4 Operator — i.e., name of permit holder)

2. Permit Number:

IN
R 0 4 0 039

3. Mailing Address

Street Address:
10 South State Street

☒ City
☐ Town

Of: Greenfield

Zip: 46140

County: Hancock

PART B: GENERAL INFORMATION – CONTACT PERSON

4. Contact Person Name (please print):

Daniel H. Miller

5. Contact Person Title:

Stormwater Coordinator

6. Phone Number:

(317) 477-4320

7. Facsimile Number (if applicable):

(317) 477-4321

8. E-mail Address (if applicable):

dmiller@greenfieldin.org

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:
As outlined in the Part C submittal, the City supports and assists the outreach efforts of public groups such as the Hancock County Soil and Water Conservation District (HCSWCD) and the Hancock County Solid Waste Management District (HCSWMD).
 1. Newspaper Publications
 - a. The Hancock County Soil and Water Conservation District submitted nineteen (19) newspaper articles for publication in the local Daily Reporter. These articles included articles on water quality and related issues. The Daily Reporter's average circulation for 2007 was approximately 10,200.
 - b. The HCSWMD published twenty (20) newspaper articles dealing with water quality and related issues in the local Daily Reporter. The Daily Reporter's average circulation for 2007 was approximately 10,200.
 - c. The HCSWMD published two (1) newspaper insert titled "One Person's Trash" that was distributed to approximately 16,500 citizens.
 - d. The City of Greenfield publishes activities such as heavy trash pickup, limb pickup, and leaf pickup in the local Daily Reporter.
 - e. The City of Greenfield placed approximately 550 "No Dumping – Drains to Stream" curb markers at inlets around the City.
 2. Educational Brochures
 - a. The Hancock County Soil and Water Conservation District distributed 650 Watershed Protection Booklets
 - b. The Hancock County Soil and Water Conservation District distributed 650 Storm Water Booklets.
 - c. The Hancock County Soil and Water Conservation District distributed 950 Earth Day Programs to Area Schools.
 - d. The City of Greenfield routinely distributes "Erosion control for the Home Builder" to residential construction permittees.
 3. Website
 - a. The Hancock County SWCD's internet web site, www.hancockswcd.org, offers a water quality education program for area teachers, information about the Master Naturalist program, and has other miscellaneous stormwater links.
 - b. The City of Greenfield annually publishes the pertinent information regarding services such as leaf collection, heavy trash, Christmas Tree collection, compost give-away, and mulch give-away on the City's website.
 - c. The Hancock County Solid Waste Management District's internet website, www.ces.purdue.edu/Hancock/SWCD, contains several recycling links and information regarding recycling events.
 4. Public Meetings
 - a. The SWCD held their annual meeting on March 20, 2007.
 - b. The SWCD held two meetings regarding the Sugar Creek Watershed April 10, 2007, July 17, 2007, November 29, 2007 and December 12, 2007.
 - c. The City of Greenfield held public meetings, the City Council meetings, regarding the passage of the Stormwater Management Technical Standards Manual.
 5. Government Access Channel – Channel 19 through Insight Communications
 - a. City meetings are commonly broadcast on local television stations. These broadcasts would have included Common Council and Board Work's meetings relating to the Stormwater Utility and the passage of the Stormwater Technical Standards Manual.
 - b. City activities such as heavy trash, leaf, Christmas tree, and limb pickup are all advertised on the local broadcast television.
 6. Newsletters
The HCSWCD published three newsletters. The Conservation on the Land, Backyard Conservation, and Plant a Million. In 2007. The Conservation on the Land was published four (4) times and distributed to approximately 800 people per issue. The Backyard Conservation newsletter was published four (4) times and distributed to approximately 600 people per issue. The Plant A Million was published four (4) times and distributed to approximately 2,500 people within a ten (10) county area.
 7. HCSWMD Promotions
 - a. The HCSWMD promoted and hosted five (6) events with 772 participating citizens. Specific data regarding these events can be found in Appendix A.
 - b. The HCSWMD hosted eight (8) events involving 344 students. Specific data regarding these events can be found in Appendix A.
 8. HCSWCD Activities
 - a. The HCSWCD held five (5) events for local area schools involving 811 students. The events included the following: AG Day Farm Activities; Environmental Adventure Days; and, Watershed Education.
 - b. The HCSWCD provided presentation to a Boy Scout Troop regarding watersheds and water quality in which 20 scouts participated.

PART C: CONTROL MEASURE ACTIVITIES

9. The City distributes the “Erosion Control for the Home Builder” pamphlet to home builders that apply for building permits.
10. Storm Drain Marking
The City of Greenfield marked approximately 550 storm drain inlets with a colorful “No Dumping – Drains To Stream” Das Manufacturing Curb Marker.

PART C: CONTROL MEASURE ACTIVITIES

b. Public Involvement and Participation:

As outlined in the Part C submittal, the City supports and assists the public involvement and participation efforts of public groups such as the Hancock County Soil and Water Conservation District (HCSWCD) and the Hancock County Solid Waste Management District (HCSWMD). See Appendix B for specific figures on some of these items.

1. HCSWMD Activities

- a. The HCSWMD held electronics recycling days on May 12, 2007 and September 29, 2007 in which a total of 301 citizens participated.
- b. The HCSWMD held a household hazardous waste day on August 25, 2007 in which 415 citizens participated.
- c. The HCSWMD held a tire recycling day on June 23, 2007 in which 38 people participated.

2. HCSWCD Activities

- a. Scout Program activity in which approximately 20 children participated.
- b. Building with the Land, Rule 5/13 workshop in which approximately 67 citizens participated.
- c. AG Day Farm Activities in which approximately 350 children participated.
- d. Sugar Creek Stakeholders Meeting in which 15 citizens participated.
- e. Soil Stewardship Celebrate Conservation 2007 program in which approximately 850 citizens participated.
- f. County 4-H Fair Booth in which approximately 2,500 citizens participated.
- g. Clean Water Indiana meeting in which approximately 65 citizens participated.
- h. Sugar Creek public meeting in which approximately 40 citizens participated.
- i. SWCD Annual Meeting in which approximately 65 citizens participated.
- j. Project Wet training in which approximately 35 citizens participated.
- k. Pathway to Water Quality, Indiana State Fair in which approximately 4,500 citizens participated.
- l. Forestry Field Day in which approximately 80 citizens participated.
- m. Farm and Field Day in which approximately 500 citizens participated

3. City of Greenfield Activities

- a. The City of Greenfield provided heavy trash pickup that was held on April 14, 21, and 28, 2007.
- b. The City of Greenfield provided Christmas Tree Collection held from December 27, 2007 to February 30, 2008.
- c. The City of Greenfield held a compost and mulch give-a-way during the spring of 2007 and when otherwise available to residents.
- d. The City of Greenfield's Wastewater Treatment Plant currently has a Biosolids Marketing and Distribution Permit (BMDP) (IN LA 000721). The City distributes the biosolids to area residents.

4. Training

- a. The HCSWCD attended the following training: IWLA Training Course; Soil and Water Conservation District's Annual Conference; Rule 5/13 Workshop; Partnership Meeting; Watershed Networking Meeting; IDEA Fall Workshop; Working with Water Quality issues, Education and Outreach; Monitoring for Non Point Source Watershed Projects; and, Rule 5 Training.
- b. The City of Greenfield, in conjunction with the Hancock County Surveyor's Office, the Town of Cumberland, the Town of McCordsville, and, the Hancock County Soil and Water Conservation District provided training for construction professionals. The Building with the Land – Understanding Hancock County 5 workshop was held on February 22, 2007. Sixty-eight construction professionals from the Hancock County area participated.
- c. The City of Greenfield participated in the Drainage 101, How to Understand the Laws and Rules Controlling Drainage in Indiana workshop; the Stormwater Quality Good Housekeeping and Pollution Prevention Training Workshop sponsored by Hendricks County; the 2007 Indiana GIS Conference, the Indiana Water Environment Association's Annual Conference, and the Building on the Land Workshop.

PART C: CONTROL MEASURE ACTIVITIES

c. Illicit Discharge Detection and Elimination:

1. Storm Sewer Mapping:
 - a. The city currently has mapped approximately 400,000 feet of storm sewers conveyances and 3,298 storm sewer structures. During the Summer of 2007 the City tabulated the pipe diameter, pipe material and storm structure information for approximately a third of the City.
 - b. The 2006 Annual report indicated that outfall mapping and illicit discharge detection would commence during the summer of 2007. The City, however, received a mandate from the State Auditor requiring the City to produce an inventory of the newly created Storm Water Utility. This inventory included: the identification and tabulation of all storm sewer pipe sizes, materials and ages; and, the identifications of all storm inlet structures, castings and ages. Summer crews were employed to collect the data required by the State Auditor and the IDEM. A systematic approach to collecting the required data was initiated, however, the crews did not reach the areas of the City where outfall locations are present such as our drainage ways. The City has employed summer crews for the summer of 2008 to continue the mapping and tabulation requirements.
2. Illicit Discharge Detection:
 - a. As listed in item 1.b above, the City intends to commence with the dry weather screening and location of outfalls during the summer of 2008.
 - b. On February 22, 2008 the City sent a letter to IDEM, Wet Weather Section, requesting clarification of requirements outlined in 327 IAC 15-13 regarding dry weather screening. The City, however, did not receive any response or guidance regarding the requested information.
3. Education Program: See Section 9.a and 9.b of this report.
4. Recycling Program: See Section 9.a and 9.b of this report.

PART C: CONTROL MEASURE ACTIVITIES

Construction Site Storm Water Run-off Control:

On January 1, 2007 the City of Greenfield's Stormwater Management Ordinance took effect. The mechanism that the City has been utilizing for plan review, site inspections, and regulatory compliance are as follows. The City is providing individual construction site plot plan reviews for all land disturbing activities greater than 10,000 square feet and all land disturbing activities that are part of larger developments. The City has also been reviewing Stormwater Pollution Prevention Plans for land disturbing activities greater than one (1) acre in a manner similar to that utilized by the Soil and Water Conservation District of Hancock County. The City has utilized enforcement measures such as monetary penalties and stop work orders as enforcement measures. The city has developed a penalty structure, based on the maximum allowable fine outlined in the ordinance, to enforce the run-off control.

PART C: CONTROL MEASURE ACTIVITIES

PART C: CONTROL MEASURE ACTIVITIES

d. Pollution Prevention and Good Housekeeping for Municipal Operations:

1. During the fall of 2007 the City collected an estimated 3,475 cubic yards or 93,825 cubic feet of leaves from residents within the city. According to Street Department records, the City utilized about fifteen (15) people twice per week from September 20, 2007 to November 25, 2007 to collect these leaves using two (2) leaf vacs.
2. The City collected an estimated 137 tons of heavy trash plus 21 refrigerators and freezers, and 12 air conditioning units during three (3) collection dates in 2007. The City made 757 stops to individual residences during these three (3) days.
3. The City provided Christmas Tree collection from December 27, 2007 to January 30, 2008. During this time the City collected an estimated 75 to 100 trees. The City also provides limb removal on an as needed basis.
4. In conjunction with the leaves collected during the annual leaf pickup and tree limb clean up during 2007, the City produced and distributed approximately 3000 cubic yards of mulch and 1000 cubic yards of compost from the materials collected during the leaf, tree limb pickup, Christmas Tree pickup, city street maintenance, and electric utility maintenance.
5. The City of Greenfield Maintenance Garage recycled approximately 822 gallons of oil, 22 gallons of coolant, and 22.5 gallons of transmission fluid at the Warrior Oil Service in Franklin, Indiana. These fluids were generated from 398 oil changes and 19 coolant changes. The City repaired 3 vehicles for coolant leaks, one (1) power steering leak, and two (2) hydraulic fluid leaks.
6. The City disposed of 120 tires through the Riley Park Tire Business.
7. The City of Greenfield's Wastewater Treatment Plant currently has a Biosolids Marketing and Distribution Permit (BMDP) (IN LA 000721) that requires the City to record pertinent information regarding the recipients of more than one (1) dry ton or more per calendar quarter. The City distributed approximately 3,316 dry tons of biosolids to eleven (11) individuals. This distribution includes the required information as stated above in addition to smaller amounts of biosolids that were distributed.
8. The HCSWMD collected approximately 15,156 pounds of electronics to recycle during 2007 (Appendix B).
9. The HCSWMD collected about 363 tires to recycle during 2007 (Appendix B).
10. The HCSWMD collected approximately 169,144 lbs of hazardous waste at the HCSWMD's annual household hazardous waste day (Appendix B).

e. Other controls:

PART C: CONTROL MEASURE ACTIVITIES

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

No receiving streams have been identified that were not included in the original NOI.

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

The HCSWCD conducted a survey during the summer of 2005. An additional survey is planned for the Summer of 2008

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

See Public Involvement and Participation portion of this report.

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

See Public Involvement and Participation portion of this report.

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

The City of Greenfield started requiring all new structures to be labeled "City of Greenfield Storm". All new developments are required to mark storm drains. The City started marking storm drain inlets during the summer of 2007 with an appropriate stormwater message. The City estimates that, currently, 1,100 storm sewer structures currently have an appropriate stormwater message.

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

The City of Greenfield has mapped approximately 400,000 feet of storm conveyances and 3,296 storm sewer structures. The City does not currently know the diameter, slope or material of such conveyances

- vi. Number and location of MS4 area outfalls mapped

The City has currently mapped approximately 50 outfalls. The City plans to update this mapping during the Summer of 2008.

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

See section 9.c of this report.

- viii. Number and location of illicit discharges detected

The City has detected one illicit discharge in 2007 at 1327 West Main Street. This discharge was identified as coming from an unpermitted discharge.

- ix. Number and location of illicit discharges eliminated

The illicit discharger is currently following a compliance schedule to eliminate the discharge.

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

The City participates with the Hancock County Solid Waste Management District for the collection of these materials. During 2007 about 15,156 pounds of electronics, about 363 tires, about 169,000 pounds of hazardous material were collected (Appendix B).

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

In 2007 the Hancock County Highway Department closed down the automotive fluid collection center. Eleven (11) private businesses accept automotive fluids (Appendix D)

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

Approximately 772 citizens participated in the five (6) events that the Hancock County Solids Waste Management District sponsored. See Appendix B.

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

The City of Greenfield reviewed five (5) stormwater pollution prevention plans during 2007 for sites that were greater than one (1) acre in total land disturbance. IDEM, however, permitted these sites. The City did permit 139 sites that were less than one acre in total land disturbance. These sites include those within a larger permitted area.

- xiv. Number of construction sites inspected

The following erosion control inspections were conducted by the City of Greenfield: 142 initial erosion control inspections prior to land disturbing activities; 49 re-inspections of the 142 initial erosion control inspections due to non-compliance; approximately 1,510 building inspections that included erosion control reviews; approximately 325 post-construction inspections were conducted to ensure that sites had been stabilized; and, approximately 75 random inspections were conducted.

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

The City took formal enforcement action against 49 construction sites for initial erosion control deficiencies. Builders for these sites could not continue the building process until the deficiencies were addressed and a \$50 re-inspection fee was paid and the site passed a follow-up inspection. The City also

PART C: CONTROL MEASURE ACTIVITIES

had posted several "Stop Work Orders" and accessed penalties to the amount of \$2,800.

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

The City has received no public information requests related to construction sites.

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

See Appendix C

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

Structural BMPs such as detention ponds, retention basins, infiltration basins, swales, and inlet structures with sump pits are all common structural BMPs located within the City. The Street Department, Wastewater Department Building Inspectors and the Public Works Inspector all contribute to the inspection of these BMPs. BMPs are commonly inspected on an as needed basis.

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

No BMPs were maintained or improved in 2007

- xx. Type and location of nonstructural BMPs utilized

The City utilizes several nonstructural BMPs through the MS4 area. Refer to the Pollution Prevention and Good Housekeeping for Municipal Operations section of this report.

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

The City did not preserve any open space in 2007.

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

The City of Greenfield currently does not operate any refueling areas within the MS4 area and purchases vehicle fuel commercially. The local Indiana Department of Transportation and Hancock County Government, according to local representatives, purchases fuel commercially. No mechanism has been implemented to track or ordinances adopted to require structural or non-structural BMPs during development, maintenance, redevelopment, or operation of commercial refueling areas. There are currently twelve (12) refueling locations (Appendix D).

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

The City of Greenfield wastewater and water treatment facilities currently have secondary containment for accidental releases. The WWTP has secondary containment around backup generator diesel fuel tanks, the Class A sludge polymer tank, and the Actiflow process polymer tank. The Water Treatment Plant currently provides secondary containment for backup generator diesel fuel tanks and for fluoride tanks. Devices are of two types; walled-dyke containment and double wall storage tanks.

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

The City estimates that 5% of the swales and ditches are unvegetated and that 80 % of the swales and ditches have an adequately sized vegetated filter strip.

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

At the beginning of 2008 the City lost the sewer foreman that provided for the cleaning of the storm sewers. The data associated with the storm sewers was also lost. The City does however estimate that approximately 10,000 feet of MS4 conveyances were cleaned in 2007.

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

The City estimates that approximately 405 feet of roadside ditch along Steel Ford Road and 1,012 feet of ditch on East McKenzie was stabilized in 2007.

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

One (1) stormwater outfall area was remediated from scouring conditions. A new splash pan was installed at that location. Inspection of stormwater outfalls will commence with the illicit discharge detection MCM of Phase II. Upon finding areas that need to be remediated, a schedule for remediation will be initiated and implemented accordance with budgetary considerations.

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

The City of Greenfield currently has one (1) covered salt storage area and one (1) sand storage area. Both are located at the Greenfield Street Department.

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

According to records provided by the City of Greenfield Street Department, approximately 982 tons of sand and 889 tons of salt were utilized during the 2007 to 2008 winter season. These numbers reflect sand and salt usage for the winter months of 2007. Actual usage of these materials for the fiscal year 2007 may be and are likely to be different.

PART C: CONTROL MEASURE ACTIVITIES

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

The City did not remove material from any structural BMP in 2007 other than catch basins and storm sewers. The City Wastewater Utility estimates that approximately 621 yards of material was removed from catch basins and storm sewers in 2007.

xxxi. Estimated amount of material collected from street sweeping

The Street Department estimates that approximately 212 tons or approximately 878 cubic yards of material was swept from city streets and State Highways, SR 9 and US 40.

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

The City of Greenfield currently does not have any canine parks. However, the City does have an ordinances (93.11 (A)) prohibiting the deposition of animal waste and other materials.

xxxiii. Other

PART D: MISCELLANEOUS INFORMATION

12. On-Going Water Quality Characterization Activities

No additional water quality characterization occurred in 2007.

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

None

b) Other:

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

As reported in the previous annual reports, the City of Greenfield has identified two locations outside of the corporate limits that contribute large amounts of sediment and vegetative debris to the MS4 conveyance system and hence to the MS4 receiving streams. These locations drain actively producing agricultural property. Since these properties are outside of the corporate limits and the fact that they are agricultural property, the City feels that little can be done to require these properties to conform to stormwater requirements.

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

The City did not create any new or additional funding sources in 2007.

15. Identify any non-routine (i.e. do not include routine maintenance or cleaning) budgetary transactions related to your permit.

The City of Greenfield completed the construction of two bioretention ponds and associated drainage during the summer of 2007. The cost of this construction was \$1.6 million.

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

The City of Greenfield has not received any complaints relating to storm water quality issues in 2007.

17. Implementation status:

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

☐ Yes ☒ No*

* If no, explain:

The City is currently behind on the outfall location and dry weather screening of the IDDE. The City plans to address these areas during the summer of 2008.

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

☒ Yes ☐ No*

* If yes, explain:

Although the City has created and started funding a stormwater utility to manage the MS4, the same utility must also manage the storm sewer system within the MS4. The implementation of the MS4 requirements is only a small part of the utility. The utility must also provide for the correction of various drainage problems within the MS4, the maintenance of the stormwater collection and conveyance system, and provide additional stormwater drainage capabilities. The funding mechanism may, in the future retard the stormwater utilities ability to fully implement the MS4 requirements as well as correct drainage issues, maintain the stormwater collection system, and provide additional stormwater capabilities. The continued growth of the community is a key factor in the financial success and hence the Phase II implementation success of the City.

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

☒ Yes ☐ No*

* If no, explain:

PART E: CERTIFICATION AND SIGNATURE

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

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

Type or Print

Name: Michael L. Fruth, P.E., R.L.S.

Signature: _____

Date: _____
(mm/dd/year)

Appendix A

Public Education and Outreach

Appendix A Public Education and Outreach

Newspaper Publications

Date of Publication	Title of Publication
January 10, 2007	Stream Management Workshop
January 17, 2007	Landscaping for water quality
January 24, 2007	Landscaping tips, Part 2
January 31, 2007	Perils and possibilities of organic agriculture
February 14, 2007	Water management funds available
February 21, 2007	Organic weed control
March 1, 2007	Conservation agency reschedules meeting
March 7, 2007	SWCD meeting launches Sugar Creek watershed plan
March 14, 2007	Water management options help AmeriPlex
March 14, 2007	Organic weed control workshop at local office
March 16, 2007	Local radio programming announcement regarding SWMD
March 20, 2007	Heavy trash pickup begins April 14 in city
April 2, 2007	City to offer free mulch, compost
April 4, 2007	Order trees now for spring planting
April 11, 2007	Environmental education workshop
April 13, 2007	Heavy trash pickup begins Saturday
April 14, 2007	Earth Day event still needs volunteers
April 25, 2007	NACD speaks to Congress
May 2, 2007	Time to recycle your e-waste again
May 9, 2007	State and national officials celebrate Stewardship Week in Indiana
May 15, 2007	Be careful when throwing out unused medications
May 23, 2007	Gardening program Thursday
May 23, 2007	Getting the drift
June 16, 2007	Hancock County Tire Recycling Day
June 20, 2007	Hancock County Tire Recycling Day
June 20, 2007	Nominations sought for River Friendly Farmer Award
July 25, 2007	Midsummer Farm Update – Oil disposal
August 1, 2007	Forestry and wildlife field day
August 8, 2007	Insecticides: Out with old, in with new
August 8, 2007	Pioneer hosting 2007 Farm and Field Day
August 15, 2007	Master Gardeners hosting program on budget gardening
August 15, 2007	Use and dispose of pesticides responsibly
August 15, 2007	Household Hazardous Waste Day
August 18, 2007	Household Hazardous Waste Day
August 22, 2007	Household Hazardous Waste Day
August 24, 2007	Hazardous waste day is Saturday
August 25, 2007	Household Hazardous Waste Day
August 29, 2007	River Friendly Farmer
September 19, 2007	Electronics Recycling Day
September 24, 2007	Electronics Recycling Day set for Saturday
September 25, 2007	Electronics Recycling Day is Saturday
September 26, 2007	Hancock County SWCD holding fall tree sale
October 5, 2007	Watershed meeting needs public input
October 10, 2007	Sugar Creek Watershed Planning
October 12, 2007	City leaf pickup begins Monday

Newspaper Publications

Date of Publication	Title of Publication
October 20, 2007	Next Greenfield leaf pickup Tuesday
December 5, 2007	Put more 'Green' into your holidays.
December 19, 2007	CSI: Sugar Creek

Appendix A
Public Education and Outreach

School Programs

Date	Event	Quantity
March 13 – 14	AG Day farm activities	350 children
April 15, 2007	Watershed Protection Booklets	650 distributed
April 15, 2007	Storm Water Booklets	650 distributed
May 3, 2007	Environmental Adventure Days	125 children
May 8, 2007	Environmental Adventure Days	186 children
May 11, 2007	Scout Program	20 children
August 23, 2007	Watershed Education	25 children
October 5, 2007	Environmental Adventure Days	125 children
	Edible Landfill	
Various	Non-Point Source Water Contamination and how it affects all of U.S.	344 children
	How to recycle in Hancock County	
	Re-Use Recycle Crafts you can do	

Appendix B

Public Participation and Involvement

Appendix B Public Participation and Involvement

Hancock County Solid Waste Management District Activities ¹

Date	Event	Quantity Collected ²	Number of Citizens that Participated ²
2007	HCSWMD Oil Collection	415 gallons oil 109 gallons antifreeze	5
April 21, 2007	Annual Spring Cleanup	600 lbs	13
May 12, 2007	Electronics Recycling Day	9,189 lbs.	163
June 23, 2007	Tire Recycling Day	363 tires	38
August 25, 2007	Household Hazardous Waste Day	169,144 lbs. of hazardous	415
September 29, 2007	Electronics Recycling Day	5,967 lbs.	138

¹ Data provided by the Hancock County Solid Waste Management District

² Specific numbers reflect the quantity collected and participation from Hancock County

Appendix B Public Participation and Involvement

2007 City of Greenfield Activities

Event	Quantity	Approximate Number of Citizens that Participated
Leaf pickup	3,475 cubic yards	75% of households
Heavy Trash Pickup	137 tons, 21 ref/freezers, 12 air conditioners	757 households
Tree Limb Collection	3,000 cubic yards	75 – 100 households
Christmas Tree Collection		Unmanned
Mulch and Compost	3,000 cubic yards	Unmanned
	1,000 cubic yards	
Biosolids	3,316 dry tons	11 individuals

Appendix C

Structural BMPs Installed

Appendix E Installed Structural BMPs

Development/Project	Basin (all types) ²		Drainage Swale ² (feet)	Catch Basin ² (number - all types)
	Size (total acres)	Number		
Indigo Springs (Section Three) ¹	2.14 ³	2	5,940	44
Sawmill (Section One and Two) ¹	5.79	2	8,150	56
The Trails (Section One) ¹	2.73	2	3,765	10
The Meadows at Springhurst (Section One) ¹	2.84	1	2,838	0
Copeland Farms (Section One and Two) ¹	0.86 ³	1	5,612	33
Winfield Park (Section Nine) ¹	0.00	0	1,000	0
Leary Drain Reconstruction ¹	23.5	2	3,300	0
Total	37.86	10	30,605	143

Note:

¹ Developments for which the City released bonds in 2006

² Data calculated using construction plans unless noted otherwise

³ Data calculated using the City of Greenfield's GIS

Appendix D

Location Data

**Appendix D
Location Data**

Automotive Fluid Recycling Locations

Location	Address	City	State	Zip
ADVANCE AUTO PARTS	2061 NORTH STATE STREET	GREENFIELD	IN	46140
AUTOZONE	1495 NORTH STATE STREET	GREENFIELD	IN	46140
BIG O TIRES	1776 NORTH STATE STREET	GREENFIELD	IN	46140
WAL-MART	1965 NORTH STATE STREET	GREENFIELD	IN	46140
T&R AUTOMOTIVE	1200 WEST MAIN STREET	GREENFIELD	IN	46140
RILEY PARK TIRE	801 EAST MAIN STREET	GREENFIELD	IN	46140
RICK'S AUTO CARE	701 WEST MAIN STREET	GREENFIELD	IN	46140
PERKS MOBILE 1	1749 WEST MAIN STREET	GREENFIELD	IN	46140
JIFFY LUBE	1104 NORTH STATE STREET	GREENFIELD	IN	46140
JENKINS AUTOMOTIVE SERVICE	110 SOUTH HARRISON STREET	GREENFIELD	IN	46140
GRAY AUTO BROKERS	2260 WEST MAIN STREET	GREENFIELD	IN	46140

Refueling Locations

Location	Address	City	State	Zip
GAS AMERICA	2744 N STATE STREET	GREENFIELD	IN	46140
GAS AMERICA	2242 N STATE ROAD 9	GREENFIELD	IN	46140
GAS AMERICA	815 WEST MAIN STREET	GREENFIELD	IN	46140
GAS AMERICA	1253 NORTH STATE STREET	GREENFIELD	IN	46140
SONOCO FAST MAX	2243 NORTH STATE STREET	GREENFIELD	IN	46140
CITGO	1124 WEST MAIN STREET	GREENFIELD	IN	46140
MARATHON	990 SOUTH STATE STREET	GREENFIELD	IN	46140
CASEY'S GENERAL STORE	1133 EAST MAIN STREET	GREENFIELD	IN	46140
SWIFTY	1313 NORTH STATE STREET	GREENFIELD	IN	46140
AGONE COOP	230 WEST OSAGE STREET	GREENFIELD	IN	46140
MURPHY USA	1953 NORTH STATE STREET	GREENFIELD	IN	46140
SHELBY PETROLEUM, INC.	325 EAST MAIN STREET	GREENFIELD	IN	46140