



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: Jerry Rosenberger, Town Manager
(MS4 Operator — i.e., name of permit holder)

2. Permit Number: **INR** | 0 | 4 | 0 | 109

3. Mailing Address 130 North Penn Street
Street Address: 130 North Penn Street

Town **Of:** Westfield, Indiana 46074 County: Hamilton

Part B: GENERAL INFORMATION – Contact Person

4. Contact Person Name (please print): Kurt Wanninger

5. Contact Person Title: Operations Manager

6. Phone Number: 317-896-5452

7. Facsimile Number (if applicable): 317-867-0202

8. E-mail Address (if applicable): kwanninger@westfield.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
- b. Public Involvement and Participation

Listed below is a summary list of control measures related to Rule 13 performed during the previous year.

Westfield Public Works Department Storm Water Phase II

- Hamilton County Phase II Storm Water Phase II Committee and Public Education Steering Committee
 - In 2005 the Town of Westfield's Public Works Department (representative for the Town of Westfield and Department responsible for implementation the Town's Storm Water Phase II Program) attended the monthly Steering Committee Meetings as well as the Public Education Steering Committee Meetings. The Committees consist of representatives from each of the Hamilton County MS4 communities (Town of Arcadia, City of Carmel, Town of Cicero, Town of Fishers, Hamilton County, City of Noblesville, and the Town of Westfield) and the Hamilton County Soil and Water Conservation District. These meetings help bring ideas and solutions to the table and spur topics that are in need of discussion for development and implementation of Storm Water Phase II programs. This committee has developed several brochures and educational materials that were distributed in the MS4 communities. These steering committees will continue to meet monthly in 2006 in a continuing effort to develop and implement outreach and educational activities in the Town of Westfield and surrounding MS4 communities.
- Storm Water Phase II Public Meeting
 - The Westfield Public Works Department hosted a public meeting in October 2006 to discuss Westfield's Storm Water Phase II Program. The purpose of the meeting was to inform local residents on the impact that their daily activities have on storm water quality. Additional public meetings will be held in 2006 for residents to provide input for concerns relating to storm water issues.
- Keep Westfield Beautiful Program
 - The Town of Westfield Public Works Department manages the "Keep Westfield Beautiful Program." In 2005, the "Keep Westfield Beautiful Program" conducted 7 events that cleaned up Town owned rights-of-way (R/W) or property. This program provides an opportunity for residents to actively participate in storm water quality improvements.
- Westfield Schools Educational Outreach
 - The Westfield Public Works Department partnered with the Westfield Schools to develop a Storm Water outreach education program for the Westfield Schools. Public Works managers visited several elementary schools to present information on the importance of storm water and how pollution can impact our drinking water. Storm Water education material was distributed to over 500 students in 2005.
- Storm Water Brochure Mass Mailing – Westfield Utility Customers
 - A brochure was mailed to all Westfield utility customers in November 2005 (over 8000). The brochure outlined in detail the Storm Water and Wellhead Protection Programs in Westfield and listed all appropriate contact information. This brochure was designed to educate citizens on the impacts they have on storm water quality in their community.
- Participation in Hamilton County's Storm Water Public Seminar
 - Westfield Public Works played a role in the Hamilton County Storm Water Public Education Seminar in December 2005.
- Newspaper Article
 - The Noblesville Daily Times wrote a story about Westfield's Storm Water Phase II Program.
- Local Westfield Residents Publication "The Shamrock Review" Article
 - Westfield Public Works wrote a Storm Water article for "The Shamrock Review" that was distributed to all Westfield residents. The article discussed household hazardous waste material and the potential dangers that can be caused.
- Storm Water Phase II Website
 - In September 2005, the Town of Westfield went live with a new website, www.westfield.in.gov. In conjunction with the new Town website, the Storm Water Phase II page was redeveloped and it now contains more comprehensive information and details about the program along with news articles, the survey, annual report information and links to IDEM information. This page also includes the "Concerned Citizens Report" form to report storm water issues in the community.
 - The Town of Westfield Public Works Department in 2005 enhanced the www.wpwd.org website to include storm water information and a report for "Concerned Citizens Report" to report storm water issues in the community.
- Westfield Matters Cable Show Appearance
 - The Westfield Public Works operations manager appeared on (1) episode of Westfield Matters, a local cable access show and discussed the Storm Water Phase II program. The discussion focused on pollution prevention, possible runoff hazards and how residents need to be aware of how their daily lives impact our water.
- Press Release: Pollution Prevention
 - The Westfield Public Works Communication Team distributed a Storm Water/Pollution Prevention press release to all local media (newspapers, television).

- Storm Water Material Giveaway (brochures, coloring books, pencils, storm water tattoos.)
 - At the following events, Westfield Public Works distributed Storm Water education material to local school children:
 - Municipal Government Week Meet & Greet (05/2005)
 - Santa's House (12/2005)
 - Benefit Car Wash (09/2005)
 - Westfield Schools Elementary School
 - Washington Woods Elementary School (06/2005)
 - Carey Ridge Elementary School (06/2005)
- Storm Water Survey
 - The Town of Westfield Public Works Department developed a Storm Water Quality Survey in January 2005 to assess the public's initial knowledge and understanding of storm water issues to assist in developing a public education program that is as efficient and effective as possible. On January 27, 2005 it was posted on the website, www.wpwd.org. The results of the survey were then compiled and evaluated in May 2005. 285 residents participated in the survey and this survey will provide a benchmark for storm water education and awareness within the community.
 - The results will be used to better target future education and outreach programs and activities. Surveys will likely be distributed during local events, at public meetings, and the Town's website in 2006 to monitor and evaluate the effectiveness of the Town's storm water education program.
- Town of Westfield Public Educational Meetings
 - Smoke Testing Public Meeting – 03-09-2005
 - Well Head Protection and Storm Water Meeting – 10-27-2005
- Hamilton County Soil and Water Conservation District - In 2005 the Hamilton County Soil and Water Conservation District provided the following news articles and activities:
 - Published and distributed the Town and Country quarterly newsletter. This newsletter is distributed to approximately 2000 people. The newsletters contain various information on conservation, erosion, and sediment control practices as they relate to agriculture, residential, and construction activities.
 - Hosted a Storm Water Workshop (SWCD) on February 17, 2005 which is designed to educate public employees on erosion and sediment control inspection practices.
 - Hosted the annual Erosion and Sediment Control Workshop which is designed to educate public employees and developers on erosion and sediment control practices.
 - Participated in the Hamilton County 4-H Fair and provided agricultural and storm water information to residents.
- Hamilton County Parks Department - In 2005 the Hamilton County Parks Department provided the following news articles and activities for residents of the Town of Westfield and surrounding MS4 communities:
 - Published and distributed the Chatterbox quarterly newsletter. This newsletter is distributed to approximately 7000 people. The newsletters contain various information to educate and inform residents about nature and water quality issues in Hamilton County.
 - The Hamilton County Parks Department Naturalist spoke to approximately 700 people during the month of October.
 - The Hamilton County Parks Department distributed over 250 brochures, 2,000 tattoos, 100 coloring books and hosted public meetings (Cool Creek Watershed Meetings) at the Cool Creek Nature Center located in the Town of Westfield.
- Hamilton County Hazardous Waste and Recycling Program - In 2005 the Hamilton County Hazardous Waste and Recycling Program provided the following information and activities for residents of the Town of Westfield and surrounding MS4 communities:
 - Provided over 500 education materials to the Town of Westfield that was distributed at various events within the Town of Westfield. These educational materials provided information on pollution prevention and recycling programs.
 - Provided drop off services to the Town of Westfield residents to properly dispose of house hold hazardous materials.

c. Illicit Discharge Detection and Elimination:

- In 2005, The Town of Westfield Public Works Department utilized the Westfield Public Works Department website, www.wpwd.org and the Town of Westfield's website www.westfield.in.gov. These websites provided opportunities for residents within the Town's MS4 jurisdiction to report or solicit questions regarding storm water activities or to report illicit discharges.
- Hamilton County website www.co.hamilton.in.us also provided opportunities for residents to report illicit discharges through the Report a Polluter link. The County reported any reports within the Town of Westfield's MS4 jurisdiction.
- Regulations for Storm Water Management Ordinance 05-03: On November 14, 2005, the Town of Westfield Town Council approved the Town's Storm Water Ordinance that covers Illicit Discharge and Detection and Post Runoff Control Measure.
- The Westfield Public Works Department conducts staffing training for all Public Works Employees as it pertains to illicit discharges and detection within the Town's MS4 jurisdiction. The trainings consist of identification of illicit discharges and proper use and disposal of hazardous materials.

d. Construction Site Storm Water Run-off Control:

- Regulations for Storm Water Management Ordinance 05-03: On November 14, 2005, the Town of Westfield Town Council approved the Town's Storm Water Ordinance that covers Illicit Discharge and Detection and Post Runoff Control Measure.
- On December 7, 2005 a joint informational meeting was conducted by the MS4 Hamilton County Entities to explain the adopted ordinances and standards to developers, engineers, contractors, and builders that conduct business in Hamilton County.
- In 2005, the Soil and Water Conservation District (SWCD) reviewed and approved erosion and sediment control plans according to Rule 5 requirements for the Town of Westfield's MS4 area and unincorporated areas of Washington Township.
- Additionally, The Town of Westfield Public Works Department's Engineering, Development and Construction Division conducted plan review for all new construction within the Town's MS4 jurisdiction. Additionally, through the Town of Westfield's Public Works Department Inspection Ordinance 05-25, the Public Works reviews, inspects and charges developers for erosion control review and inspections.
- In 2005, the Public Works Department conducted 286 hours of Erosion Control review and inspection within the Town's MS4 area and collected \$10,536.57 from developers for review and inspection fees based from the Town of Westfield's Public Works Department Inspection Ordinance 05-25.
- The Town of Westfield Public Works Department's Engineering, Development and Construction Division conducted review and inspections for all construction activities that occurred within the Town of Westfield's Right of Way (R/W), through the Town of Westfield's Encroachment Ordinance 03-04.
- In 2005, the Public Works Department conducted inspections within the Town's MS4 area for Encroachment in the R/W and collected \$12,772.10 from developers and contractors for permit fees based from the Town of Westfield's Public Works Department Encroachment Ordinance 03-04.
- The Town of Westfield Public Works Department's Engineering, Development and Construction Division attended and commented on all Plan Commission and Technical Advisory Committee (TAC) meetings for the Town of Westfield and Washington Township.
- The Town of Westfield's Community Development Department promotes development as directed in the Town of Westfield's current 2020 Comprehensive Plan.
- The Town of Westfield's Wellhead Protection Ordinance controls development within wellhead protection areas.

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

- On November 14, 2005, the Town of Westfield Town Council approved the Town's Storm Water Management Ordinance 05-03 that covers Illicit Discharge and Detection and Post Runoff Control Measures.
- On December 7, 2005, a joint informational meeting was conducted by the MS4 Hamilton County Entities to explain the adopted ordinances and standards to developers, engineers, contractors, and builders that conduct business in Hamilton County.
- In 2005, the Town developers followed the Town of Westfield's Public Works Department Infrastructure and Standards Specifications Manual and the Soil and Water Conservation District (SWCD) standards for construction and post-construction for erosion and sediment control.
- In 2005 the Town of Westfield participated in the Hamilton County Storm Water Standards Committee. This Committee was formed to develop similar standards for all of Hamilton County and the Municipal MS4's. These standards are in their final review and should be adopted in March of 2006.
- The Engineering, Development and Construction division has conducted erosion control inspections in 2005 and will continue to inspect and enforce the Town of Westfield's Storm Water Management Ordinance 05-03 and Construction Standards in 2006 as they pertain to Rule 5.

f. Pollution Prevention and Good Housekeeping for Municipal Operations:

- The Town of Westfield Public Works Department's road salt is stored in a covered facility. In 2005, the Westfield Public Works Department maintained 90.5 miles of roads and applied 518 tons of salt to the roads. Westfield Public Works does not apply sand to the roads.
- In 2005, The Town of Westfield's Public Works Department revised the Public Works Department's Snow Removal Policy. The Snow Removal Policy defines snow removal and salt application on Town streets and roads and aids in proper application of salt.
- The Town of Westfield has three onsite indoor wash bays for cleaning equipment and trucks. These wash bays drain directly to the Town's sanitary sewer system.
- The Town of Westfield Public Works Department vehicles (32) are washed weekly, through contract, at the local Mike's Car Wash and it drains directly to the Town's sanitary sewer system.
- In 2005 the Town of Westfield removed 13 cubic yards of street debris with the Public Works Department street sweeper.
- The Town of Westfield Public Works Department picked up 8.5 cubic yards of trash along Town owned R/W and on Town properties (including park grounds).
- The Town of Westfield Public Works Department manages the "Keep Westfield Beautiful Program." In 2005, the "Keep Westfield Beautiful Program" conducted 7 events that cleaned up Town owned R/W or property.
- In 2005 the Town of Westfield Public Works Department purchased a new street sweeper and to date the Public Works Department has removed 36 cubic yards of debris from Town owned streets.
- In 2005 the Westfield Public Works Department repaired 320 lineal feet of road side ditches by installing piping and rip rap to stabilize the road side ditches.
- The Town of Westfield Public Works, Community Development, Fire Department and Police Department vehicles are maintained by outsourced private maintenance facilities.
- The Public Works Department educates Town employees on the proper handling and storage of all chemicals. Additionally the Public Works Department keeps updated MSDS Sheets for all chemicals.
- The Westfield Public Works Department and Fire Department stores hazardous chemicals in either secondary containment containers or in safety cabinets at all facilities.
- The Westfield Public Works Department obtained a new onsite diesel fuel tank that provides for secondary containment in 2005.
- All permanent generators at the Town of Westfield's Water and Wastewater Facilities have secondary containment facilities for all diesel storage tanks.
- The Engineering, Development and Construction Division and Wastewater Division investigate storm water complaints and inspections. The Westfield Public Works Department uses the Department's sewer camera to investigate storm sewers. In 2005 the Public Works Department televised 100 lineal feet of storm sewer lines.
- In 2005 the Public Works Department cleaned 152 lineal feet of storm sewer lines.

g. Other controls: Training and Development

- 02/22/2005: (2) Westfield Public Works Employees: Storm Water Drainage Conference
- 02/17/2005: (5) Westfield Public Works Employees: Storm Water Workshop (SWCD)
- 08/03/2005 and 08/04/2005: (1) Westfield Public Works Employee: "Getting in Step" Storm Water Workshop (IDEM)
- 11/28/2005: (4) Westfield Public Works Employees: Street Sweeper Training given by Best Equipment Company
- 12/07/2005: (7) Westfield Public Works Employees: Hamilton County Storm Water Workshop given by Hamilton County
- Weekly – Public Works Department Safety Meetings

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

- None

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

| Question | # Responses | Avg Score | % | Rank |
|---|-------------|-----------|---------|------|
| 1. Which community do you live in? | | | | |
| A) Hamilton Co | 69 | | 21.04 % | 2 |
| B) Carmel | 10 | | 3.05 % | 3 |
| C) Cicero | 0 | | 0.00 % | 7 |
| D) Noblesville | 6 | | 1.83 % | 4 |
| E) Fishers | 1 | | 0.30 % | 6 |
| F) Arcadia | 0 | | 0.00 % | 7 |
| G) Westfield | 229 | | 69.82 % | 1 |
| H) Other | 5 | | 1.52 % | 5 |
| Total | 328 | | 100% | |
| 2. How would you classify yourself? Please choose all that apply | | | | |
| A) Resident | 316 | | 96.34 % | 1 |
| B) Visitor | 0 | | 0.00 % | 6 |
| C) Commercial or Industrial Employee | 7 | | 2.13 % | 2 |
| D) Public Service Employee | 2 | | 0.61 % | 4 |
| E) Construction Site Employee | 1 | | 0.30 % | 5 |
| F) Other | 5 | | 1.52 % | 3 |
| Total | 328 | | 100% | |
| 3. How often do you utilize Household Hazardous Waste Facilities? | | | | |
| A) Regularly | 22 | | 6.71 % | 3 |
| B) Sometimes | 96 | | 29.27 % | 2 |
| C) Never | 201 | | 61.28 % | 1 |
| Total | 328 | | 100% | |
| 4. How concerned are you about storm water pollution? | | | | |
| A) Very concerned | 103 | | 31.40 % | 2 |
| B) Somewhat concerned | 182 | | 55.49 % | 1 |
| C) Not concerned | 35 | | 10.67 % | 3 |
| Total | 328 | | 100% | |
| 5. The water bodies in Westfield are polluted. | | | | |
| A) Agree | 47 | | 14.33 % | 3 |
| B) Somewhat agree | 179 | | 54.57 % | 1 |
| C) Disagree | 76 | | 23.17 % | 2 |
| Total | 328 | | 100% | |
| 6. Rank the following storm water pollutants in terms of the impacts they have on water bodies in Westfield. Please give all four (4) pollutants a different ranking. | | | | |
| A) Bacteria | 299 | 2.42 | 91.16 % | |
| B) Sediment | 300 | 2.60 | 91.46 % | |
| C) Nutrients | 299 | 2.87 | 91.16 % | |
| D) Toxins (Oils and greases) | 299 | 2.12 | 91.16 % | |
| Total | 328 | | 100% | |
| 7. From the list below rank the three (3) largest sources of the storm water pollution in Westfield. Rank only three (3) sources and give each source a different ranking. | | | | |
| 1 = Largest source of storm water pollution | | | | |
| 2 = Second largest source of storm water pollution | | | | |
| 3 = Third largest source of storm water pollution | | | | |
| A) Parking Lot Runoff | 113 | | 34.45 % | 5 |
| B) Agricultural runoff | 187 | | 57.01 % | 1 |

| | | | | |
|--|------------|--|-------------|----|
| C) Lawn and garden runoff | 179 | | 54.57 % | 2 |
| D) Runoff from residential car washing | 25 | | 7.62 % | 9 |
| E) Pet Waste | 29 | | 8.84 % | 8 |
| F) Runoff from Industrial/municipal facilities | 126 | | 38.41 % | 4 |
| G) Construction site runoff | 137 | | 41.77 % | 3 |
| H) Improperly functioning septic systems | 63 | | 19.21 % | 7 |
| I) Littering/Dumping | 105 | | 32.01 % | 6 |
| J) Others | 2 | | 0.61 % | 10 |
| Total | 328 | | 100% | |

8. How familiar are you with your local storm water drainage system?

| | | | | |
|----------------------|------------|--|-------------|---|
| A) Very familiar | 17 | | 5.18 % | 3 |
| B) Somewhat familiar | 114 | | 34.76 % | 2 |
| C) Unfamiliar | 189 | | 57.62 % | 1 |
| Total | 328 | | 100% | |

9. Where does the storm water runoff in your neighborhood drain to?

| | | | | |
|---------------------------|------------|--|-------------|---|
| A) Local water bodies | 172 | | 52.44 % | 1 |
| B) Sewage treatment plant | 24 | | 7.32 % | 3 |
| C) I don't know | 124 | | 37.80 % | 2 |
| Total | 328 | | 100% | |

10. Storm sewer systems are designed to both remove pollutants and to provide drainage for storm water runoff from yards and streets.

| | | | | |
|-----------------|------------|--|-------------|---|
| A) True | 69 | | 21.04 % | 3 |
| B) False | 173 | | 52.74 % | 1 |
| C) I don't know | 77 | | 23.48 % | 2 |
| Total | 328 | | 100% | |

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

At the following events, storm water educational material has distributed:

- Smoke Testing Public Meeting: 03-09-2005
- Wellhead Protection Meetings: Quarterly in 2005
- Hamilton County Public Education Steering Committee Meetings: Monthly
- Hamilton County Storm Water Steering Committees: Monthly
- Hamilton County Standards Steering Committees: Monthly
- Westfield Schools Outreach Program: 06/2005
- Storm Water Phase II Public Meeting: 10/2005
- Municipal Government Week: 05/2005
- Benefit Car Wash (runoff conveyed to sanitary sewer system): 09/2005
- Santa's House: 12/2005
- Hamilton County Storm Water Management Workshop: 12/7/2005

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

- Approximately 50 citizens took part in the "Keep Westfield Beautiful Program" which consisted of picking up trash and debris along Town owned R/W and Property.

iv. Number and location of storm drains marked or cast

- Approximately 230 storm sewer casting grates were installed within the Town's MS4 jurisdiction with new construction. These numbers are being finalized by utilizing the Town of Westfield Public Works Department GIS Divisions survey grade GPS equipment.

v. Estimated linear feet or percentage of MS4 conveyances mapped

- Approximately 75% of the Town of Westfield piped storm water conveyances have been mapped. Piped storm water conveyances have been mapped utilizing as-built data and GPS surveying. However, the Town of Westfield Public Works Department will be aggressively remapping all of these piped storm water conveyances in 2006 to meet the Public Works criteria for infrastructure mapping in order to have more detailed information for data collection. Open drain storm water conveyances, such as creeks and streams have been mapped by the County as part of their Regulated Drain mapping.

vi. Number and location of MS4 area outfalls mapped

- In 2005 no storm water outfalls were mapped. This is to be incorporated into the 2006 storm water mapping.

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

- In 2005 storm water screening conducted were associated with drainage investigations.

viii. Number and location of illicit discharges detected

- In 2005 two illicit discharges were detected.
 1. Truck Accident at US 31 & SR 38 – Fuel spill – 1/31/2005
 2. Septic Discharge at 135 Park Street – 5/10/2005
 3. Truck Accident on US 31 north of SR 32 – 20 gallons of diesel fuel spilled – 5/14/2005
 4. Multi-Truck accident at US 31 & 216th Street – All gasoline and fuel completely burned – 6/27/2005

5. Waitt Elevator Grain Company, Inc. located at 1131 S R 32 E discharged grain waste – 8/4/2005
 6. Truck Accident on US 31 & 216th Street – Chemical Release – 8/18/2005
- ix. Number and location of illicit discharges eliminated
1. Truck Accident at US 31 & SR 38 – Fuel spill – 1/31/2005
 2. Septic Discharge at 135 Park Street – 5/10/2005
 3. Truck Accident on US 31 north of SR 32 – 20 gallons of diesel fuel spilled – 5/14/2005
 4. Multi-Truck accident at US 31 & 216th Street – All gasoline and fuel completely burned – 6/27/2005
 5. Waitt Elevator Grain Company, Inc. located at 1131 S R 32 E discharged grain waste – 8/4/2005
 6. Truck Accident on US 31 & 216th Street – Chemical Release – 8/18/2005
- x. Number of, and amount of material collected from, HHW collections
- There were 101,645 items brought to the Hamilton County HHW Facility. Washington Township and Town of Westfield residents brought in 600 of that total number.
- xi. Number and location of citizen drop-off centers for automotive fluids
- Walmart
 - Jiffy Lube
 - Napa
 - Car Clinic
- xii. Number or percentage of citizens that participate in HHW collections
- There were 7,247 residents that participated in the HHW facility.
- xiii. Number of construction sites permitted for storm water quality
- Under SWCD & IDEM jurisdiction in 2005
- xiv. Number of construction sites inspected
- Rule 5 under SWCD & IDEM jurisdiction in 2005. However, the Town of Westfield Public Works Department inspected 25 construction sites throughout 2005 for proper sediment and erosion control. Westfield Public Works Department utilized SWCD and IDEM for enforcement for noncompliance.
- xv. Number and type of enforcement actions taken against construction site operators
- Under SWCD & IDEM jurisdiction in 2005
- xvi. Number of public informational requests received related to construction sites
- Under SWCD & IDEM jurisdiction in 2005
- xvii. Number, type, and location of structural BMPs installed
- Under SWCD & IDEM jurisdiction in 2005

- xviii. Number, type, and location of structural BMPs inspected
 - Under SWCD & IDEM jurisdiction in 2005
- xix. Number, type, and location of structural BMPs maintained, or improved
 - Under SWCD & IDEM jurisdiction in 2005
- xx. Type and location of nonstructural BMPs utilized
 - Under SWCD & IDEM jurisdiction in 2005
- xxi. Estimated acreage or square footage of open space preserved and mapped
 - The Town of Westfield currently has the following acres reserved for park and open space:
 - Parks – 14.87 acres
 - Cemeteries – 1.79 acres
 - Towers – 5.92 acres
 - Public Facilities – 15.75 acres
 - Lift Stations – 1.878 acres
 - Water Plant Facilities – 30.37 acres
 - Some of these areas contain floodways that will be protected.
- xxii. Estimated acreage or square footage of mapped pervious and impervious surfaces
 - As of May 2004 the Town of Westfield estimated impervious area was estimated at 1,070 acres. The estimated impervious area was calculated at 5,217 acres.
- xxiii. Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
 - No known BMP's installed in the Town's MS4 area.
- xxiv. Number and location of entity facilities that have containment for accidental releases
 1. Westfield Public Works Department – 2706 E 171st Street
 2. River Road Water Treatment Plant – 15175 River Road
 3. Cherry Tree Road Water Treatment Plant – 15405 Cherry Tree Road
 4. Town of Westfield Wastewater Treatment Plant – 3303 W 166th Street
 5. Westfield Public Safety Building - 17535 Dartown Road
- xxv. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity
 - The Town of Westfield has the potential to apply chemicals to approximately 40 acres of Town owned property.
- xxvi. Estimated linear feet or percentage and location of unvegetated swales and ditches that have an adequately sized vegetated filter strip
 - Vegetated swales located in the Town of Westfield MS4 area are associated with Hamilton County Regulated Drains. The Town of Westfield supports this practice but does not keep track of this information.
- xxvii. Estimated linear feet or percentage and location of MS4s cleaned or repaired
 - None to Report, Under SWCD & IDEM jurisdiction in 2005
- xxviii. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
 - In 2005 the Town of Westfield Public Works Department purchased a new street sweeper and to date the Public Works Department has removed 36 cubic yards of debris from Town owned streets.
- xxix. Number and location of storm water outfall areas remediate from scouring conditions
 - In 2005 the Westfield Public Works Department repaired 320 lineal feet of road side ditches by installing piping and rip rap to stabilize the road side ditches.
- xxx. Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure
 - The Town of Westfield has one salt storage facility and is located at 2706 E. 171st Street.
 - Town of Westfield's Public Works Department's road salt is stored in a covered facility.
- xxxi. Estimated amount, in tons, of salt and sand used for snow and ice control
 - In 2005 the Westfield Public Works Department maintained 90.5 miles of roads and applied 518 tons of salt to the roads.
 - The Westfield Public Works does not apply sand to the roads.
- xxxii. Estimated amount of material collected from catch basin, trash rack, or other structural BMP cleaning
 - This data was not collected in 2005. Will be collected in 2006 with the Westfield Public Works Departments Street Sweeper and the Westfield Public Works Department Vac-Combo Truck that will be purchased in 2006.
- xxxiii. Estimated amount of material collected from street sweeping
 - In 2005 the Town of Westfield removed 13 cubic yards of street debris with the Public Works Department street sweeper.
 - In 2005 the Town of Westfield Public Works Department purchased a new street sweeper and to date the Public Works Department has removed 36 cubic yards of debris from Town owned streets.
- xxxiv. Number or percentage and location of canine parks sited at least 150 feet away from a surface water body
 - The Town of Westfield does not have any canine parks
- xxxv. Other
 - None

Part D: Miscellaneous Information

- On-Going Water Quality Characterization Activities
 - a) Monitoring Data (submit summary of appropriate results):
- The Hamilton County Health Department conducted Escherichia Coli (E-coli) testing on one stream, Cool Creek, within the Town of Westfield's MS4 jurisdiction. Records of these samples are on file at the Hamilton County Health Departments Office located at One Hamilton County Square, Noblesville, IN 46060.
- The Town of Westfield did not conduct any storm water monitoring in 2005. However the Town of Westfield, in conjunction with the Hamilton County Surveyor's Office conducted water sampling of Cool Creek in conjunction with the Cool Creek Watershed Study
 - b) Other:

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

- Overall, the Town is making strong progress towards full implementation of their SWQMP Part C. However, there are some areas where improvements could be made. First, the Town will improve their overall documentation, tracking, and coordination of Storm Water Phase II BMPs and related programs and activities. (One potential way to accomplish this would be to develop a mechanism that allows all information tracked by the WPWD to be sorted or queried by MCM, BMP, or PI.) Secondly, the Town will ensure that those BMPs not implemented in 2005 are implemented in 2006.
- The only other area of concern is the development of a funding mechanism to offset Storm Water Phase II operational costs.

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

- The Hamilton County Solid Waste Board has provided \$40,000 for public education and outreach.
- The Hamilton County Solid Waste Management District will receive \$60,000 to help HHW operation and promote public awareness in Hamilton County.

14. 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.

- Christopher Burke and Associates Storm Water Phase II Contractual Services
- MD Wessler and associated Storm Water Phase II and Wellhead Protection Contractual Services

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

- Waitt Elevator Grain Company, Inc. located at 1131 S R 32 E discharged grain waste into a tributary of Cool Creek. This issue was reported to IDEM and IDEM and DNR have levied fines.

16. Implementation status:

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

Yes No*

* If no, explain:

- Yes, Implementation of some BMPs, such as the Town's Illicit Discharge and Storm water Ordinances were delayed from timetables identified in the Town's Part C. However, the Town has begun implementing each of the 6 MCM's during 2005.

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

Yes No*

* If yes, explain:

- No - While the Town is confident that all MCMs will be fully implemented in the future, certain BMPs may be amended in order to maximize their effectiveness and efficiency.

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

Yes No*

* If no, explain:

- Yes, the Town of Westfield believes that they are progressing to meet the goals identified in Part C.

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: Jerry Rosenberger, Town Manager

Signature:  Date: 2-28-06
(mm/dd/year)