



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: J. Andrew Cook; Mayor of the City of Westfield
(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: Public Works Director

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.

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

- a. **Public Education and Outreach**
b. **Public Involvement and Participation**

Westfield Public Works Department
Storm Water Phase II

- Hamilton County Storm Water Phase II Committee and Public Education Steering Committee
 - In 2007, the Town of Westfield's Public Works Department (representative for the Town of Westfield, the Department of Public Works responsible for implementation the Town's Storm Water Phase II Program) attended the bimonthly Hamilton County Storm Water 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 steering committee will continue to meet bi-monthly in 2008 in a continuing effort to develop and implement outreach and educational activities in the City of Westfield and surrounding MS4 communities.
- Hamilton County Phase II Storm Water Public Education Steering Committee
 - In 2007, the Town of Westfield's Public Works Department (representative for the Town of Westfield, the Department of Public Works responsible for implementation the Town's Storm Water Phase II Program) attended the bimonthly Hamilton County Storm Water Public Education and Outreach 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. This steering committee will continue to meet bi-monthly in 2008 in a continuing effort to develop and implement outreach and educational activities in the City of Westfield and surrounding MS4 communities.
- Public Service Announcement:
 - As part of the Stormwater Public Education Committee's effort to increase Stormwater awareness in Hamilton County and Central Indiana, theater PSA's (www.co.hamilton.in.us/cleanwater) were shown in two local theaters. The Stormwater Public Education Steering Committee that is comprised of representatives of Hamilton County, Town of Arcadia, Town of Cicero, Town of Westfield, the City of Carmel, Town of Fishers, and the City of Noblesville developed these PSA's.

Statistics:

Total Attendance:

Village Park 17 -202,841 patrons

Galaxy 14 – 227,199 patrons

Total = 430,040 patrons

The ads played 10,416 times on screen

The ads played 3,864 in the lobbies

Total = 14,280 times

- Storm Water Phase II Public Meeting
 - The Westfield Public Works Department hosted a public meeting in September 2007 to discuss Westfield's Storm Water Phase II and Wellhead Protection 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 2008 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 2007, the "Keep Westfield Beautiful Program" conducted an event 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 300 students in 2007.
- Storm Water Phase II Website
 - In September 2005, the Town of Westfield went live with a new website, www.westfield.in.gov. In 2007, the Town's Storm Water Phase II webpage was continually updated and now contains information that is more comprehensive 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. This site was continuously maintained in 2007.
 - The Town of Westfield Public Works Department in 2007 continued 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. This site was continuously maintained in 2007.

- 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.
- 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 (5/2007)
 - Westfield Schools Elementary School
 - Carey Ridge Elementary School (06/2007)
 - Teacher Information Bags – (8/2007)
- In July 2007, the Westfield Public Works Department held a training session on Storm Water Phase II and Wellhead Protection for all Westfield Washington Fire Fighters. This was a two-day training session that focused on the importance of the two programs and how it is important that the local fire departments be aware of the standards and specifications of the programs.
- Town of Westfield Public Educational Meetings
 - Well Head Protection and Storm Water Meeting – September 26, 2007
- Soil and Water Conservation District (SWCD) Activities: The SWCD includes articles in their quarterly newsletter, Town & Country, on some of the following issues, erosion and sediment control practices, agricultural issues related to stormwater quality as discussed above, opportunities for citizens to get involved with stormwater events such as community clean up and storm drain marking. In addition, the Hamilton County SWCD holds its annual erosion and sediment control workshops, which are designed to educate public employees and developers on erosion and sediment control practices. A contractor’s workshop will be held again in March 2007.
 - Articles Published in the SWCD newsletter:
 - “CREP- An Opportunity You Can’t Afford to Pass Up”
 - “Fertilize Sparingly and Caringly”
 - “Backyard Conservation Program Expands to Cool Creek Park”
 - “Rain Gardens for Homeowners”
 - “Don’t Let This Conservation Opportunity Pass You By!!!!!!”
 - “Alternative Urban Landscape Workshop”
 - “Pond Turn Over..... What’s that?”
 - Household Hazardous Waste and Recycling Program Promotions: In order to educate community members on the importance of pollution prevention and recycling programs, the Hamilton County Phase II Public Education Steering Committee frequently advertises and promotes the activities and services of the Household Hazardous Waste (HHW) Facilities operated by the City of Carmel and the Hamilton County Solid Waste Management District. The Hamilton County HHW facility distributes a variety of educational brochures related to proper disposal of hazardous wastes and conducts a variety of educational programs for local schools and civic groups. The Hamilton County Emergency Management Agency, in conjunction with the Hamilton County Local Emergency Planning Committee (LEPC), has developed and is distributing an educational brochure addressing the proper use, disposal, and recycling of common household products. The Hamilton County Health Department and the Hamilton County Household Hazardous Waste Program have ongoing public education programs involving pollution prevention and regularly promote Household Hazardous Waste services and educational programs for children as well as adults.
- 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.
- On November 12, 2007, the Town of Westfield Town Council passed Ordinance 07-23 a Stormwater Utility. General ordinance of the Town of Westfield to establish a Stormwater Sewer Works division within the Town of Westfield Public Works Department and to establish a schedule of rates and charges for the Stormwater system. A Stormwater user fee shall be imposed on all property within the Public Works Service Area.
- Starting in January 2008 the City of Westfield will have a dedicated Stormwater Specialist to continually implement the Six Minimum Control Measures as defined by Westfield’s Storm Water Phase II Program.

c. **Illicit Discharge Detection and Elimination:**

- In 2007, 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 in the form of Ordinance 05-30 An Ordinance to Establish Overlay Zone Districts and Regulations For Storm Water Management was approved on November 14, 2005. This ordinance has served the Town well and will be reviewed each year and modified as need.
- On April 10, 2006, the Town of Westfield Town Council passed Ordinance 06-16, An Ordinance to Establish Inspection Fees and Regulations for Erosion and Sediment Control Inspections for Residential Lots and Outlots. Ordinance 06-16 was revised, 06-52 and approved by the Town of Westfield Town Council on June 12, 2006. This revised ordinance made improvements and additions to the Ordinance to Establish Inspection Fees and Regulations For Erosion and Sediment Control Inspections For Residential Lots and Outlots.
- The Town of Westfield continues to update, and add new, storm water infrastructure data to the Town's Westfield Public Works Department GIS layers.
- In April of 2006, the Town of Westfield Town Council adopted and approved the Westfield Public Works Departments Utility and Infrastructure Construction Standards and Specifications Manual. This Manual establishes general requirements for all infrastructures built for the Town of Westfield. This Manual allows establishes requirements for design, construction, and post requirements for storm sewer and erosion control measures. These standards can be found on the Town's Website at <http://www.westfield.in.gov/egov/docs/1111162413893.htm>.
- The Town's of Westfield's Public Works Departments Utility and Infrastructure Construction Standards and Specifications Manual requires that all storm water casting inlets have the phrase "Drains to a River or a Stream" cast into the casting.
- The Town of Westfield and the Westfield Public Works Department promotes the proper disposal of household hazardous waste disposal at the Hamilton County Hazardous Waste (HHW) Facility.
- The Westfield Public Works Department conducts staffing training for all Public Works and Westfield Fire Department Employees as it pertains to wellhead protection, illicit discharges and detection within the Towns 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 in the form of Ordinance 05-30 An Ordinance to Establish Overlay Zone Districts and Regulations For Storm Water Management was approved on November 14, 2005. This ordinance has served the Town well and will be reviewed each year and modified as needed.
- On January 9, 2007, the town of Westfield Town Council passed Ordinance 06-40, An Ordinance to Amend Applicable Fees for Infrastructure. An additional fee will be imposed for each erosion and sedimentation control plan submitted with Primary, Secondary and Construction Plans.
- On December 15, 2006, the Town of Westfield Town Council passed Ordinance 06-16 (revised 06-52), an Ordinance to Establish Inspection Fees and Regulations for Erosion and Sediment Control Inspections for Residential Lots and Outlots. This revised ordinance made improvements and additions to the Ordinance to Establish Inspection Fees and Regulations for Erosion and Sediment Control Inspections for Residential Lots and Outlots. This ordinance permits and establishes fees for the Westfield Public Works Departments Development and Construction Division to review, inspect, and charge developers, builders, and contractors for erosion control review and inspections.
- In 2007, the Town of Westfield Public Works Department (WPWD) Development and Construction Division reviewed and approved erosion and sediment control plans according to Rule 5 requirements for the Town of Westfield's MS4. Areas outside of the Town's unincorporated areas of Washington Township, which is under the jurisdiction of the Hamilton County, was reviewed and approved by the Hamilton County Surveyor's Office.
- The Town of Westfield Public Works Department's Development and Construction Division conducted plan review for all new construction within the Town's MS4 jurisdiction.
- In 2007, the Public Works Department's Development/Construction Division conducted Erosion Control review within the Town's MS4 area and collected \$71,200.00 from developers for review fees based from the Town of Westfield's Public Works Department Plan Review Ordinance 06-40.
- In 2007, the Public Works Department's Development/Construction Division conducted 3,580 hours of inspection for Erosion Control on all Individual Lot developments within the Town's MS4 area and collected \$43,320.00 for erosion control application fees and \$20,650.00 for erosion control penalty fees based from the Town of Westfield's Public Works Department Erosion Control Ordinance 06-52.
- In 2007, the Public Works Department's Development/Construction Division conducted 89.5 hours of Erosion Control inspections within the Town's MS4 area and collected \$3,311.50 for inspection fees based from the Town of Westfield's Public Works Department Erosion Control Ordinance 06-52.
- 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 2007, the Public Works Department conducted inspections within the Town's MS4 area for Encroachment in the R/W and collected \$25,106.20 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.
- In April of 2006, the Town of Westfield Town Council adopted and approved the Westfield Public Works Departments Utility and Infrastructure Construction Standards and Specifications Manual. This Manual establishes general requirements for all infrastructures built for the Town of Westfield. This Manual establishes requirements for design, construction, and post requirements for storm sewer and erosion control measures. These standards can be found on the Town's Website at <http://www.westfield.in.gov/egov/docs/1111162413893.htm>.

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 05-30 that covers Illicit Discharge and Detection and Post Runoff Control Measures. The Town of Westfield still uses this ordinance as a great tool for enforcing the Stormwater Phase II permit in 2007.
- On November 13, 2006, Ordinance 06-16 was amended by Ordinance 06-52 Erosion & Sediment Control Inspection Ordinance for Individual Lots and Outlots for Erosion Control Inspections. In 2007, the Town of Westfield continued to enforce this ordinance on all construction and developments. This ordinance still serves as a great tool for Stormwater control.
- 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 April of 2006, the Town developers followed the Town of Westfield's Public Works Department Infrastructure and Standards Specifications Manual which was utilized for construction and post-construction for erosion and sediment control. This Manual establishes requirements for design, construction, and post requirements for storm sewer and erosion control measures. These standards can be found on the Town's Website at <http://www.westfield.in.gov/egov/docs/1111162413893.htm>.
- In 2007, 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.
- The Engineering, Development and Construction division has conducted erosion control inspections in 2007 and will continue to inspect and enforce the Town of Westfield's Storm Water Management Ordinance 05-30 & 06-52 and Construction Standards 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 2007, the Westfield Public Works Department maintained 165 miles of roads and applied 1,583 tons of salt to the roads. Westfield Public Works does not apply sand to the roads.
- In 2007, 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 (40) are washed weekly, through contract, at the local Mike's Car Wash and it drains directly to the Town's sanitary sewer system.
- In 2007, the Town of Westfield removed 209 cubic yards of street debris with the Public Works Department street sweeper and logged 309 hours.
- The Town of Westfield Public Works Department picked up 200 (25 pound) bags 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 2006, the "Keep Westfield Beautiful Program" conducted 9 events that cleaned up Town owned R/W or property.
- In 2007, the Westfield Public Works Department repaired 100 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 2007 the Public Works Department televised 1,000 lineal feet of storm sewer lines.
- In 2007, the Public Works Department cleaned 4,540 lineal feet of storm sewer lines.

g. **Other controls: Training and Development**

- 2-15-2007: (6) Westfield Public Works Employee: Stormwater Drainage Conference (Purdue University)
- 2-22-2007: (2) Westfield Public Works Employee: Design Tips for Detention Ponds (WPWD)
- 3-1-2007: (4) Westfield Public Works Employees: Hamilton County. Workshop for Developers (SWCD)
- 9-6-2007: (8) Westfield Public Works Employee: Water Boot Camp (IRWA)
- 10-23-2007: (4) Westfield Public Works Employees: Back Flow Prevention (IRWA)
- 11-14-2007: (1) Westfield Public Works Employee: Municipal Good Housekeeping (Muncie Delaware County Stormwater)
- Weekly – Public Works Department Informational and 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 and description of meetings, training sessions, and events conducted to involve citizens
At the following events, storm water educational material has distributed:
 - Westfield Wellhead Protection Meetings: Quarterly in 2007
 - Hamilton County Wellhead Protection Meetings: Quarterly in 2007
 - Hamilton County Public Education Steering Committee Meetings: Quarterly in 2007
 - Hamilton County Storm Water Steering Committees: Quarterly in 2007
 - Hamilton County Standards Steering Committees: Monthly in 2007
 - Westfield Elementary School Outreach Program: 06/2007
 - Storm Water Phase II Public Meeting: (09/2007)
 - Municipal Government Week Meet & Greet (05/2007)
 - Santa's House (12/2007)
 - Carey Ridge Elementary School Career Day (06/2007)
- ii. Number or percentage of citizens that participate in storm water quality improvement projects
 - Approximately 30 citizens took part in the "Keep Westfield Beautiful Program" which consisted of picking up trash and debris along Town owned R/W and Property.
- iii. Number and location of storm drains marked or cast
 - Approximately 745 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. The Town of Westfield's storm drains are labeled with markers that indicate "NO DUMPING- DRAINS TO CREEK".
- iv. Estimated linear feet or percentage of MS4 conveyances mapped
 - Piped storm water conveyances have been mapped utilizing as-built data and GPS surveying. The Town of Westfield Public Works Department has mapped 67,462 lineal feet of storm water conveyances in 2007 utilizing new as-built submitted data. Open drain storm water conveyances, such as creeks and streams have been mapped by the County as part of their Regulated Drain mapping.
- v. Number and location of MS4 area outfalls mapped
 - In 2007 storm water outfalls that were mapped were associated with new construction and incorporated in the Town's Westfield Public Works Department GIS system.
- vi. Number and location of MS4 area outfalls screened for illicit discharges
 - In 2007 storm water screening conducted were associated with drainage investigations.
- vii. Number and location of illicit discharges detected
 - In 2007 eight illicit discharges were detected.
 1. Oil Based Paint in Storm Drain- Oakridge Crossing- 3/29/2007
 2. Mud in Streets- Westfield Market Place- 4/9/2007
 3. Paint in Stormwater System- Bridgewater Club- 5/4/2007
 4. Oil Runoff into Storm Drain- Mufflers and More- 9/4/2007
 5. Barren Lots, Sediment in Storm Sewer, and Faulty Silt Fence- 9/25/2007
 6. Hydraulic Oil in Storm Drain- Maple Knoll- 10/12/2007
 7. Paint Spill into Cool Creek- E. 191st St.- 12/7/2007
 8. Mud in Streets- Eagletown Road- 12/28/2007
- viii. Number and location of illicit discharges eliminated
 - a. Oil Based Paint in Storm Drain- Oakridge Crossing- 3/29/2007
 - b. Mud in Street- Westfield Market Place- 4/9/2007
 - c. Paint in Stormwater System- Bridgewater Club- 5/4/2007
 - d. Oil Runoff into Storm Drain- Mufflers and More- 9/4/2007
 - e. Barren Lots, Sediment in Storm Sewer, and Faulty Silt Fence- 9/25/2007
 - f. Hydraulic Oil in Storm Drain- Maple Knoll- 10/12/2007
 - g. Paint Spill into Cool Creek- E. 191st St.- 12/7/2007
 - h. Mud in Streets- Eagletown Road- 12/28/2007
- i. Number of, and amount of material collected from, HHW collections
 - There were 8,652 customers to the Hamilton County HHW Facility and they brought in 204.95 tons. Of those items brought in, 858 were brought in by Washington Township and Town of Westfield residents.
- ii. Number and location of citizen drop-off centers for automotive fluids
 - Wal-Mart
 - Jiffy Lube
 - Napa
- iii. Number or percentage of citizens that participate in HHW collections
 - There were 11,096 residents that participated in the HHW facility.

- iv. Number of construction sites permitted for storm water quality
 - Approximately 18 construction sites were permitted for storm water quality in 2007.

- v. Number of construction sites inspected
 - The Town of Westfield Public Works Department inspected approximately 24 construction sites throughout 2007 for proper sediment and erosion control.

- vi. Number and type of enforcement actions taken against construction site operators
 - There were four (8) enforcement actions taken in 2007 all which resulted in fines to the developer or contractor.

- vii. Number, type, and location of structural BMPs installed
 - BMP's are being mapped as an asbuilt requirement for all new developments and incorporated into the Town of Westfield GIS mapping system. In 2007 and estimated 6 BMP's were installed in the Village of Oak Manor Section 1. These BMP's consisted of catch Basins, water quality structures and separators.

- viii. Number, type, and location of structural BMPs inspected
 - There were approximately 6 structural BMP's maintained in 2007.

- ix. 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 – 129.55 acres
 - Cemeteries – 1.79 acres
 - Water Tower Sites – 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.

- x. Estimated acreage or square footage of mapped pervious and impervious surfaces
 - Currently the Town of Westfield estimated impervious area was estimated at 1,070 acres. The estimated impervious area was calculated at 5,217 acres. This estimated acreage has not changed since 2006.

- xi. 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.

- xii. 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

- xiii. 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.

- xiv. 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.

- xv. Estimated linear feet or percentage and location of MS4s cleaned or repaired
 - In 2007, the Town of Westfield televised and cleaned 1,000 linear feet of storm lines.

- xvi. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
 - In 2007 the Town of Westfield Public Works Department has stabilized 100 lineal feet of roadside ditches.

- xvii. Number and location of storm water outfall areas remediated from scouring conditions
 - In 2007 the Westfield Public Works Department repaired 120 lineal feet of road side ditches by installing rip rap to stabilize the road side ditches.

- xviii. 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.
 - In 2007, the facility was expanded to improve handling of the Town of Westfield's de-icing salt storage.

- xix. Estimated amount, in tons, of salt and sand used for snow and ice control
 - In 2007 the Westfield Public Works Department maintained 165 miles of roads and applied 1,583 tons of salt to the roads.
 - The Westfield Public Works does not apply sand to the roads.

- xx. 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.

xxi. Estimated amount of material collected from street sweeping

- In 2007 the Town of Westfield removed 209 cubic yards of street debris with the Public Works Department street sweeper.

xxii. 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

Part D: Miscellaneous Information

On-Going Water Quality Characterization Activities

- 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 2007.

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 2007 are implemented in 2008.
- The only other area of concern is the continued development of funding mechanisms to offset Storm Water Phase II implementation and operational costs.

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

- In 2007, the Public Works Department's Development/Construction Division conducted Erosion Control review within the Town's MS4 area and collected \$71,200.00 from developers for review fees based from the Town of Westfield's Public Works Department Plan Review Ordinance 06-40.
- In 2007, the Public Works Department's Development/Construction Division conducted 3,580 hours of inspection for Erosion Control on all Individual Lot developments within the Town's MS4 area and collected \$43,320.00 for erosion control application fees and \$20,650.00 for erosion control penalty fees based from the Town of Westfield's Public Works Department Erosion Control Ordinance 06-52.
- In 2007, the Public Works Department's Development/Construction Division conducted 134.75 hours of Erosion Control inspections within the Town's MS4 area and collected \$3,311.50 for inspection fees based from the Town of Westfield's Public Works Department Erosion Control Ordinance 06-52.

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.

- Stormwater quality issues that are reported on the Town's website, by phone call, and reported on Hamilton Counties website are followed up on and tracked.

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 the Town's Storm Water Management Ordinance 05-30 that covers Illicit Discharge and Detection and Post Runoff Control Measures, Ordinance 06-52 Erosion & Sediment Control Inspection Ordinance for Individual Lots and Outlots for Erosion Control Inspections, and the Town of Westfield's Public Works Departments Utility and Infrastructure Construction Standards and Specifications Manual has aided in implementation of the six minimum control measures.

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:

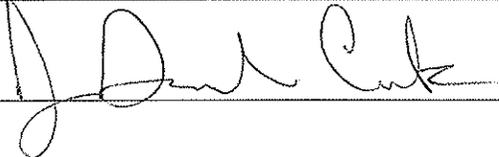
- Yes, the Town of Westfield is progressing to meet the goals identified in Part C.

Part E: CERTIFICATION AND SIGNATURE

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

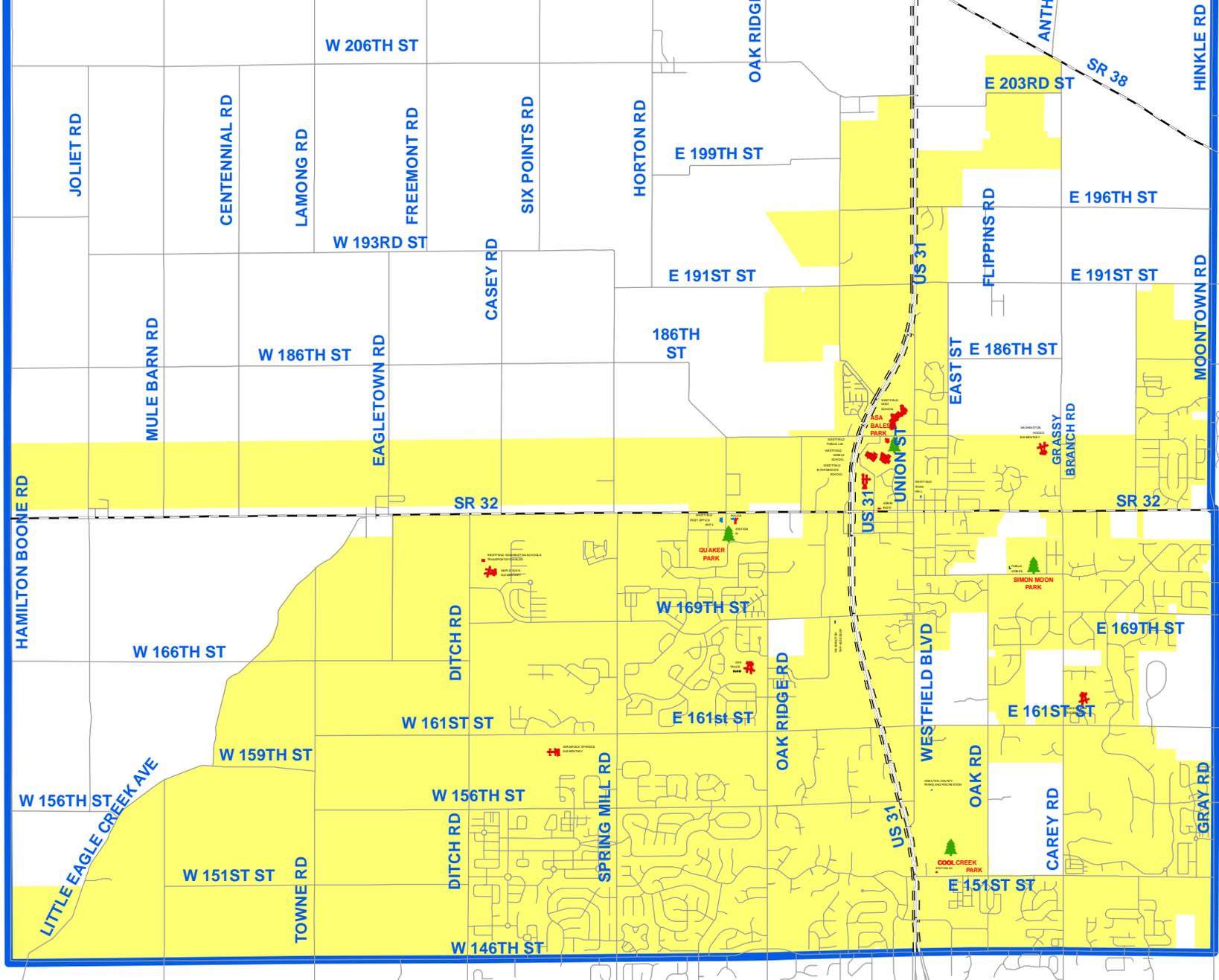
"By signing this Rule 13 annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on 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: J. Andrew Cook, Mayor, City of Westfield

Signature: 

Date: 2-29-08
(mm/dd/year)

WASHINGTON

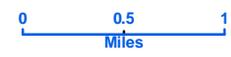


GIS



City of Westfield
and
Washington Township
March 1, 2008

- WESTFIELD CITY LIMITS
- STREETS
- WASHINGTON TOWNSHIP BOUNDARY



Westfield
MS4 Areas
Public Works
Department
Storm Water
Phase II
2007 Annual Report

DISCLAIMER: The Board of Public Works has endeavored to ensure the availability of public information and online public knowledge. The Town is not liable for any errors or omissions in this report. The Town of Westfield does not warrant the accuracy or completeness of the information provided in this report. The Town of Westfield does not warrant the accuracy or completeness of the information provided in this report. The Town of Westfield does not warrant the accuracy or completeness of the information provided in this report. The Town of Westfield does not warrant the accuracy or completeness of the information provided in this report.

WASHINGTON



City of Westfield
and
Washington Township
March 1, 2008

Westfield City Limits LANDUSE

- UNCLASSIFIED
- AG
- COM
- IND
- INST
- REC
- RES
- RESA
- RESNU
- VAC
- STREETS
- WASHINGTON TOWNSHIP BOUNDARY



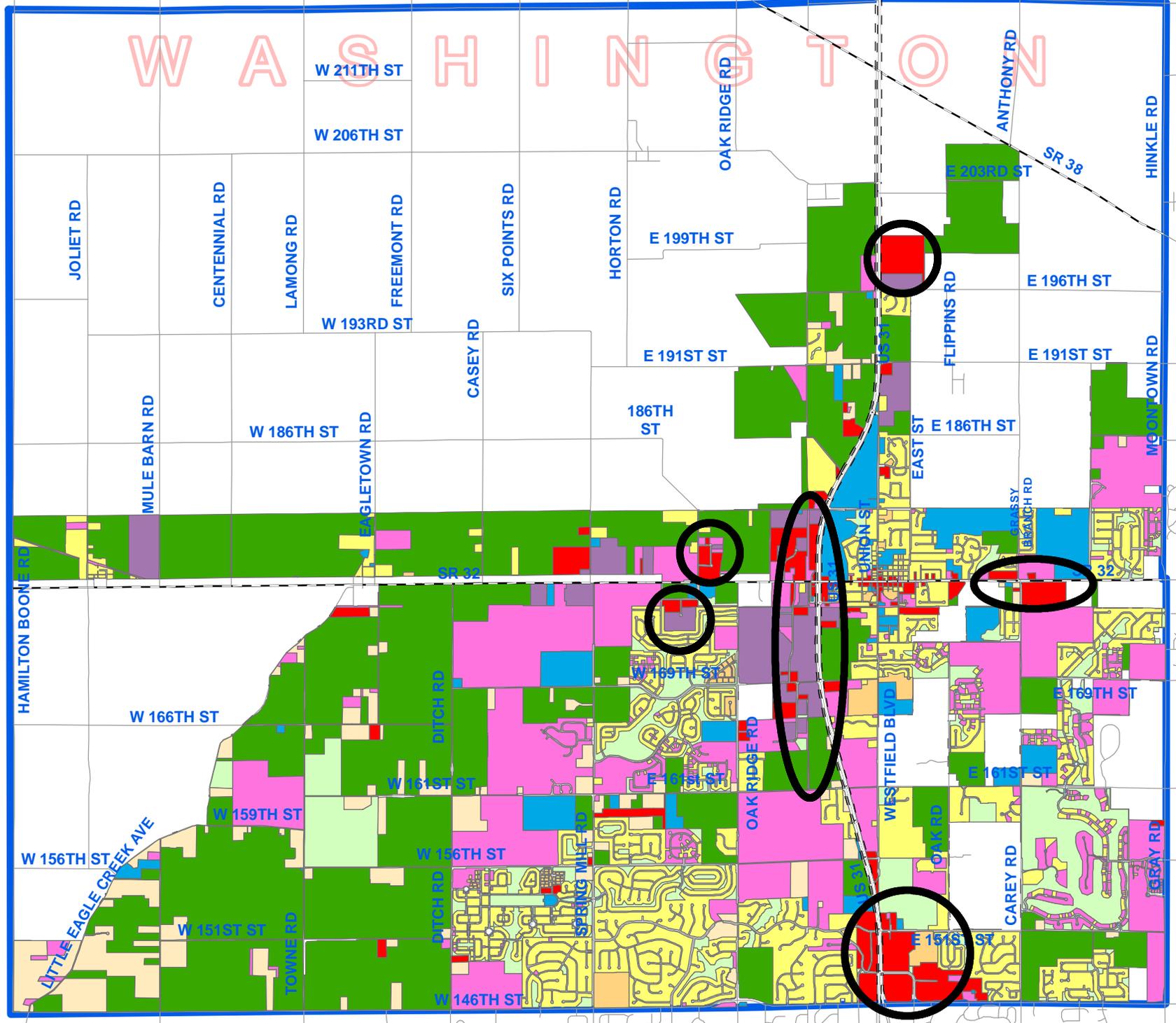
Westfield
Potential Storm Water
Quality Areas

Public Works
Department

Storm Water

Phase II

2007 Annual Report



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