

**Greater Elkhart County Stormwater Partnership  
Rule 13 Stormwater Quality Management Plan (SWQMP)  
Part C: Program Implementation**

**2010 Update**



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**Section 1.0**  
**EXECUTED CERTIFICATION FORMS**  
**PART C APPLICATION FORMS**

- A. Program Implementation Checklist (Form 51280)
- B. Public Education and Outreach (Form 51279)
- C. Public Participation and Involvement (Form 51273)
- D. Illicit Discharge Detection and Elimination (Form 51271)
- E. Construction Site Stormwater Run-Off Control (Form 51272) **[2010 Update: The signed form has been added]**
- F. Post Construction Stormwater Run-Off Control (Form 51274)
- G. Municipal Operations Pollution Prevention and Good Housekeeping (Form 51281)



**RULE 13 STORM WATER QUALITY  
MANAGEMENT PLAN (SWQMP) –  
PART C: PROGRAM IMPLEMENTATION CERTIFICATION  
CHECKLIST**

State Form 51280 (R3 / 4-04)  
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/stom/rule13.html>

- NOTE:**
- This form must be used for compliance with a general NPDES permit pursuant to 327 IAC 15-13.
  - Submit this completed form with a complete "SWQMP – Part C: Program Implementation" in accordance with 327 IAC 15-13-8.
  - Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**PART A: SWQMP CERTIFICATION CHECKLIST**

▶ Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
<input checked="" type="checkbox"/>		1. SWQMP – Part C: Program Implementation submitted within 1 year from the submission of the NOI letter or the expiration date of the previous 5-year permit term.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. Approved TMDL established for any MS4 discharge receiving water. * If yes, the SWQMP – Part C includes appropriate modifications to meet the TMDL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. SWQMP – Part C identifies that the required ordinances or similar regulatory mechanisms will be developed, revised, modified, and/or implemented within two (2) years from the submission of the NOI letter
<input checked="" type="checkbox"/>		4. The SWQMP – Part C contains:
<input checked="" type="checkbox"/>		a) An initial evaluation of the storm water program for the MS4 area * The initial evaluation includes all known structural and nonstructural storm water BMPs
<input checked="" type="checkbox"/>		b) A detailed program description for each MCM
<input checked="" type="checkbox"/>		c) A timetable for program implementation milestones and SWQMP-Part B conclusions
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d) A schedule for on-going receiving water characterization to evaluate BMP effectiveness and receiving water quality
<input checked="" type="checkbox"/>		e) A narrative and mapped description of the MS4 area boundaries *The boundary description includes the specific section(s), or, as appropriate, street name(s)
<input checked="" type="checkbox"/>		f) An estimate of the linear feet of MS4, segregated by conveyance type
<input checked="" type="checkbox"/>		g) A narrative summary of allowed structural BMP types in new development and redevelopment
<input checked="" type="checkbox"/>		h) A summary on structural BMP selection criteria and performance standards
<input checked="" type="checkbox"/>		i) A narrative summary of the current and projected storm water budget
<input checked="" type="checkbox"/>		j) A narrative summary of measurable goals for each MCM * Measurable goals relate to an environmental benefit
<input checked="" type="checkbox"/>	<input type="checkbox"/>	k) Appropriate, completed state-issued certification forms (only required for the initial 5-year permit term)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	i) Public education and outreach MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ii) Public participation and involvement MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	iii) Illicit discharge detection and elimination MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	iv) Construction site storm water run-off control MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	v) Postconstruction storm water run-off control MCM (not required until end of second year of permit coverage)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	vi) Pollution prevention and good housekeeping for operations MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	l) A listing of programmatic indicators for each MCM. These indicators include:
<input checked="" type="checkbox"/>		i) Number or percentage of citizens that have an awareness of storm water quality issues
<input checked="" type="checkbox"/>		ii) Number and description of meetings, training sessions, and events conducted to involve citizens
<input checked="" type="checkbox"/>		iii) Number or percentage of citizens that participate in storm water quality improvement projects
<input checked="" type="checkbox"/>	<input type="checkbox"/>	iv) Number and location of storm drains marked or cast
<input checked="" type="checkbox"/>		v) Estimated or actual linear feet or percentage of MS4 conveyances mapped
<input checked="" type="checkbox"/>		vi) Number and location of MS4 area outfalls mapped
<input checked="" type="checkbox"/>		vii) Number and location of MS4 area outfalls screened for illicit discharges
<input checked="" type="checkbox"/>		viii) Number and location of illicit discharges detected
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ix) Number and location of illicit discharges eliminated
<input checked="" type="checkbox"/>	<input type="checkbox"/>	x) Number of, and estimated amount of material collected from, HHW collections
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xi) Number and location of citizen drop-off centers for automotive fluids

**PART A: SWQMP CERTIFICATION CHECKLIST**

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xii) Number or percentage of citizens that participate in HHW collections
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xiii) Number of construction sites permitted for storm water quality
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xiv) Number of construction sites inspected
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xv) Number and type of enforcement actions taken against construction site operators
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xvi) Number of public informational requests received related to construction sites
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xvii) Number, type, and location of structural BMPs installed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xviii) Number, type, and location of structural BMPs inspected
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xix) Number, type, and location of structural BMPs maintained, or improved, to function properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xx) Type and location of nonstructural BMPs utilized
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxi) Estimated acreage or square footage of open space preserved and mapped
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxii) Estimated acreage or square footage of mapped pervious and impervious surfaces
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxiii) Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxiv) Number and location of entity facilities that have containment for accidental releases
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxv) Estimated acreage or square footage and location where pesticides and fertilizers are applied by the regulated MS4 entity
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxvi) Estimated linear feet or percentage and location of unvegetated swales and ditches that have an appropriately-sized vegetated filter strip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxvii) Estimated linear feet or percentage and location of MS4 conveyances cleaned or repaired
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxviii) Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxix) Number and location of storm water outfall areas remediated from scouring conditions
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxx) Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxxi) Estimated amount, in tons, of salt and sand used for snow and ice control
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxxii) Estimated amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxxiii) Estimated amount of material by weight collected from street sweeping
<input checked="" type="checkbox"/>	<input type="checkbox"/>	xxxiv) Number or percentage and location of canine parks sited at least 150 feet away from a surface water body
<input type="checkbox"/>	<input checked="" type="checkbox"/>	xxxv) Other
<input checked="" type="checkbox"/>		5. SWQMP – Part C identifies, as a minimum, the following compliance schedule for implementation from the submission day of the NOI letter:
<input checked="" type="checkbox"/>		a) "SWQMP – Part B: Baseline Characterization and Report" submitted within 180 days
<input checked="" type="checkbox"/>		b) Public education and outreach program developed and implemented within 1 year
<input checked="" type="checkbox"/>		c) Public involvement and participation program developed and implemented within 1 year
<input checked="" type="checkbox"/>		d) Illicit discharge plan and ordinance developed and program implemented and all major outfall conveyances mapped within 1 year
<input checked="" type="checkbox"/>		e) 25% of storm water outfall conveyance systems mapped each year after 1 year
<input checked="" type="checkbox"/>		f) All known storm water outfalls with a diameter greater than 12 inches and open ditches mapped within 5 years
<input checked="" type="checkbox"/>		g) Construction site plan and ordinance developed and program implemented within 1 year
<input checked="" type="checkbox"/>		h) O&M plan developed and program implemented within 2 years
<input checked="" type="checkbox"/>		i) Postconstruction plan and ordinance developed and program implemented within 2 years
<input checked="" type="checkbox"/>		j) Operations pollution prevention program developed and implemented within 1 year
<input checked="" type="checkbox"/>		6. For the Public Education and Outreach MCM:
<input checked="" type="checkbox"/>		a) Plan identifies and schedules implementation of an informational program for constituents
<input checked="" type="checkbox"/>		b) Plan identifies initial assessment of constituents
<input checked="" type="checkbox"/>		c) Plan identifies specific target outreach or reduction goal percentages and timetables
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d) For CSS communities, the current LTCP has been reviewed for ensuring that there is consistency with this MCM
<input checked="" type="checkbox"/>		7. For the Public Participation/Involvement MCM:
<input checked="" type="checkbox"/>		a) Plan identifies and schedules implementation of a public participation program
<input checked="" type="checkbox"/>		b) Plan identifies initial assessment of constituents
<input checked="" type="checkbox"/>		c) Plan identifies specific public involvement and reduction goal percentages and timetables
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d) For CSS communities, the current LTCP has been reviewed for ensuring that there is consistency with this MCM
<input checked="" type="checkbox"/>		8. For the Illicit Discharge Detection and Elimination MCM:
<input checked="" type="checkbox"/>		a) Plan schedules development of a storm sewer system map

**PART A: SWQMP CERTIFICATION CHECKLIST**

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
<input checked="" type="checkbox"/>		b) Plan schedules development and implementation of an ordinance or other regulatory mechanism that prohibits illicit discharges into the storm sewer system
<input checked="" type="checkbox"/>		c) Plan identifies and schedules implementation of a plan to detect, address, and eliminate illicit discharges, including illegal dumping, into the storm sewer system
<input checked="" type="checkbox"/>		i) This plan requires that problem areas be located via dry weather screening or other means
<input checked="" type="checkbox"/>		ii) This plan requires that the source of the problem be located, the illicit connection be removed or corrected, and the actions taken be documented
<input checked="" type="checkbox"/>		iii) This plan identifies all known active industrial facilities that discharge into a regulated MS4 conveyance
<input checked="" type="checkbox"/>		d) Plan identifies and schedules implementation of an education program for public employees, businesses, and the general public about the hazards associated with illicit discharges and improper disposal of waste
<input checked="" type="checkbox"/>		e) Plan establishes a recycling program for commonly dumped wastes
<input checked="" type="checkbox"/>		f) Plan identifies specific outreach and reduction goal percentages and timetables
<input checked="" type="checkbox"/>	<input type="checkbox"/>	g) For CSS communities, the current CSOOP and LTCP have been reviewed for ensuring that there is consistency with this MCM
		<b>9. For the Construction Site Storm Water Run-off Control MCM:</b>
<input checked="" type="checkbox"/>		a) Plan schedules development and implementation of an ordinance or other regulatory mechanism that controls polluted run-off from construction sites with a land disturbance of greater than or equal to one (1) acre
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b) Plan established written agreement or process to allow local SWCD input
<input checked="" type="checkbox"/>		c) Plan identifies and schedules implementation of a requirement to use appropriate BMPs on construction sites to control sediment and erosion and other waste at a site
<input checked="" type="checkbox"/>		d) Plan identifies and schedules implementation of procedures for plan review, site inspection (including prioritization of sites) and enforcement of control measures to deter infractions
<input checked="" type="checkbox"/>		e) Plan identifies procedures for plan review of projects operated by the MS4 operator
<input checked="" type="checkbox"/>		f) Plan requires annual training for MS4 personnel responsible for implementing this MCM
<input checked="" type="checkbox"/>		g) Plan identifies and schedules implementation of procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities
<input checked="" type="checkbox"/>		h) Plan identifies specific outreach, compliance, and implementation goals and timetables
		<b>10. For the Postconstruction Storm Water Run-off Control MCM:</b>
<input checked="" type="checkbox"/>		a) Plan schedules development and implementation of an ordinance or other regulatory mechanism that requires the implementation of planning procedures to promote improved water quality
<input checked="" type="checkbox"/>		i) Plan procedures include the postconstruction requirements of 327 IAC 15-5-6.5(a)(8)
<input checked="" type="checkbox"/>		ii) Where appropriate, procedures include buffer strip and riparian zone preservation
<input checked="" type="checkbox"/>		iii) Where appropriate, procedures include filter strip creation
<input checked="" type="checkbox"/>		iv) Where appropriate, procedures include minimization of land disturbance and surface imperviousness
<input checked="" type="checkbox"/>		v) Where appropriate, procedures include maximization of open space
<input checked="" type="checkbox"/>		vi) Where appropriate, procedures include directing community physical growth away from sensitive areas and towards areas that can support it without compromising water quality
<input checked="" type="checkbox"/>		b) Plan identifies the use of any storage, infiltration, filtering, and/or vegetative practice to reduce the impact of pollutants on storm water run-off to meet narrative water quality standards on receiving waters
<input checked="" type="checkbox"/>		i) Plan prohibits using infiltration practices in well head protection areas
<input checked="" type="checkbox"/>		ii) As site conditions allow, plan requires an appropriately-sized vegetated filter strip width along unvegetated swales/ditches
<input checked="" type="checkbox"/>		iii) Plan prohibits discharges directly to sinkholes or fractured bedrock, without appropriate treatment to meet Indiana ground water quality standards
<input checked="" type="checkbox"/>		iv) Plan requires any discharge from a storm water practice that is a Class V injection well to meet Indiana ground water quality standards
<input checked="" type="checkbox"/>		v) Plan requires installation of appropriate BMPs to reduce metals and hydrocarbons at new retail gasoline outlets or municipal/institutional refueling areas
<input checked="" type="checkbox"/>		vi) As site conditions allow, plan regulates the rate of storm water flow through the MS4 conveyances
<input checked="" type="checkbox"/>		vii) Plan requires annual training for MS4 personnel responsible for implementing this MCM
<input checked="" type="checkbox"/>		viii) Plan identifies and schedules implementation of a written O&M plan for structural BMPs.
<input checked="" type="checkbox"/>		c) Plan identifies specific goals for reduction percentages and timetables
		<b>11. For the Municipal Operations Pollution Prevention and Good Housekeeping MCM:</b>
<input checked="" type="checkbox"/>		a) Plan identifies and schedules implementation of a written program to ensure that existing municipal, State or Federal operations are performed in ways that will minimize contamination of storm water discharges
<input checked="" type="checkbox"/>		i) Program addresses written documentation of maintenance activities, maintenance schedules, and long-term inspection procedures for BMPs to reduce floatables and other pollutants discharged from the storm sewer system
<input checked="" type="checkbox"/>		ii) Program addresses controls for reducing or eliminating the discharge of pollutants from operational areas, including roads, parking lots, maintenance and storage yards, and waste transfer stations
<input checked="" type="checkbox"/>		iii) Program requires a minimum distance of 150 feet for canine parks to be sited away from a surface water body
<input checked="" type="checkbox"/>		iv) Program addresses written procedures for the proper disposal of waste removed from MS4 conveyances and operational areas
<input checked="" type="checkbox"/>		v) Program addresses written documentation to ensure that new flood management projects assess their impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices
<input checked="" type="checkbox"/>		vi) Program addresses documentation for MS4 area personnel to attend annual training regarding this MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b) Plan identifies specific reduction goal percentages and timetables

**PART A: SWQMP CERTIFICATION CHECKLIST**

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c) For CSS communities, the current CSOOP and LTCP have been reviewed for ensuring that there is consistency with this MCM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. "SWQMP – Part C: Program Implementation" has been certified by a Qualified Professional and the MS4 Operator.

**PART B: CERTIFICATION AND SIGNATURE**

The Qualified Professional and MS4 Operator (referenced in Part A, Item #12 of this form) must sign the following certification statement and provide the pertinent NPDES permit number:

*"By signing this checklist, I hereby certify under penalty of law that this document was 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."*

Name of Qualified Professional: TINA A. Reese NPDES Permit #: INR040137  
(typed or printed)

Signature of Qualified Professional: *Tina A. Reese* Date: 01/17/2005  
(mm/dd/year)

Name of MS4 Operator: Duane Burrow  
(typed or printed)

Signature of MS4 Operator: *Duane Burrow* Date: 01/17/2005  
(mm/dd/year)





**RULE 13 –  
Certification of the Informational Program for the Public  
Education and Outreach MCM**

State Form 51279 (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:**

- This form must be used to comply with section 12(b) of 327 IAC 15-13.
- The storm water quality Public Education and Outreach program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the education program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Duane Burrow (MS4 Operator) to develop and implement an informational program with educational materials for informing constituents about the impacts of polluted storm water run-off on water quality, and ways they can minimize their impact on storm water quality. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

The "authorized signature" required below must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual. The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040137.

*"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature: \_\_\_\_\_

Duane Burrow

Date: \_\_\_\_\_

01/17/2005  
(mm/dd/year)

Title: MS4 Operator

(typed or printed)



**RULE 13 –  
Certification of the Public Participation And Involvement  
Program for The Public Participation And Involvement  
MCM**

State Form 51273 (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:**

- This form must be used to comply with section 13(b) of 327 IAC 15-13.
- The public participation and involvement program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Duane Burrow (MS4 Operator) to develop and implement a public participation and involvement program to allow opportunities for constituents to participate in the storm water management program development and implementation. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040137.

*"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature<sup>1</sup>: Duane Burrow

Date: 01/17/2005

(mm/dd/year)

Title<sup>2</sup>: MS4 Operator  
(typed or printed)

<sup>1</sup>The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.

<sup>2</sup>The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).



**RULE 13 –  
Certification of the Plan To Detect, Address, and  
Eliminate Illicit Discharges for the Illicit Detection and  
Elimination MCM**

State Form 51271 (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:**
- This form must be used to comply with section 14(g) of 327 IAC 15-13.
  - The implementation plan for this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
  - Submit this completed form when the plan has been developed and implemented.
  - Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Duane Burrow (MS4 Operator) to develop and implement a plan to detect and eliminate illicit discharges, including illegal dumping, into the MS4. As part of this plan, outfall systems within the regulated MS4 area must be mapped throughout the five-year permit term. The plan must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040137.

*"I certify, under penalty of law, that this plan and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature<sup>1</sup>: Duane Burrow

Date: 01/17/2005  
(mm/dd/year)

Title<sup>2</sup>: MS4 Operator  
(typed or printed)

<sup>1</sup>The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.  
<sup>2</sup>The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).



**RULE 13 -  
Certification of the Development, Implementation,  
Management, and Enforcement of an Erosion and  
Sediment Control Program for the Construction Site  
Storm Water Run-Off Control MCM**

State Form 51272 (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/wetvthr/storm/rule13.html>

**NOTE:**

- This form must be used to comply with section 15(b) of 327 IAC 15-13.
- The program required under this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.


IDEM  
OFFICE OF  
WATER QUALITY  
2007 JUL 27 A 9:00

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Elkhart County (MS4 Operator) to develop, implement, manage, and enforce an erosion and sediment control program for construction activities that disturb one (1) or more acres of land within the regulated MS4 area. As part of this program, an ordinance or other regulatory mechanism must be created or modified, and be substantially similar to IDEM's construction storm water program (327 IAC 15-5). This program and associated legal authorities must be obtained and implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040 137.

*"I certify, under penalty of law, that this program and all required documents and materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature<sup>1</sup>:  Date: 7/24/07  
(mm/dd/year)

Title<sup>2</sup>: Stormwater Coordinator / MS4 Operator  
(typed or printed)

<sup>1</sup>The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.

<sup>2</sup>The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).



**RULE 13 –**  
**Certification of the Development, Implementation,**  
**Management, and Enforcement of a Postconstruction**  
**Storm Water Run-Off Control Program for the**  
**Postconstruction Storm Water Run-Off Control MCM**  
 State Form 51274 (R3/ 11-03)  
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**  
 IDEM – Rule 13 Coordinator  
 100 North Senate Avenue, Rm 1255  
 P.O. Box 6015  
 Indianapolis, IN 46206-6015  
 Phone: (317) 234-1601 or  
 (800) 451-6027, ext. 41601 (within Indiana)  
 Web Access:  
<http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html>

- NOTE:**
- This form must be used to comply with section 16(b) and (e) of 327 IAC 15-13.
  - The program required under this MCM must be implemented within seven hundred thirty (730) days of the Notice of Intent (NOI) letter submittal date.
  - Submit this completed form when the program has been developed and implemented.
  - Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Duane Burrow (MS4 Operator) to develop, implement, manage, and enforce a program to address discharges of postconstruction storm water run-off from new development and redevelopment areas within the regulated MS4 area from all development that disturbs one (1) acre or more of land. As part of this program, an ordinance or other regulatory mechanism must be created or modified, and a written operational and maintenance plan for all structural storm water Best Management Practices (BMPs) must be developed and implemented. This program, associated legal authorities and plan must be implemented within seven hundred thirty (730) days of the Notice of Intent (NOI) letter submittal date.

The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040137.

*"I certify, under penalty of law, that this program and all required documents and materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature<sup>1</sup>: Duane Burrow

Date: 01/17/2005  
 (mm/dd/year)

Title<sup>2</sup>: MS4 Operator  
 (typed or printed)

<sup>1</sup>The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.

<sup>2</sup>The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).



**RULE 13 –  
 Certification of the Development and Implementation of a  
 Program to Reduce Pollutant Run-Off from Municipal  
 Operations for the Municipal Operations Pollution  
 Prevention and Good Housekeeping MCM**

State Form 51281 (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:**
- This form must be used to comply with section 17(b) of 327 IAC 15-13.
  - The program required under this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
  - Submit this completed form when the program has been developed and implemented.
  - Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires Duane Burrow (MS4 Operator) to develop and implement a program to ensure that existing municipal, State or Federal operations are performed in ways that do not cause or contribute to contamination of storm water discharges. Written documentation of preventative maintenance, control measures, pesticide use minimization, proper waste disposal, waste reduction, and municipal employee training must be incorporated into this program. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040137.

*"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement 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."*

Authorized Signature<sup>1</sup>: Duane Burrow

Date: 01/07/2005  
 (mm/dd/year)

Title<sup>2</sup>: MS4 Operator  
 (typed or printed)

<sup>1</sup>The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.

<sup>2</sup>The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

## Section 2.0 CURRENT STORMWATER PROGRAM

This section of the Part C Application will present the current efforts by the Cities of Elkhart and Goshen, the Town of Bristol, and the County of Elkhart (collectively the Greater Elkhart County Stormwater Partnership) in managing stormwater volume and quality in the designated MS4 Area (Figure 1). Documentation of legal agreement for sharing the MS4 program responsibilities is presented in Appendix A.

### 2.1 TOTAL MAXIMUM DAILY LOAD (TMDL) FOR THE ST. JOSEPH RIVER

The United States Environmental Protection Agency (USEPA) Region 5 has approved a TMDL for *Escherichia coli* (*E. coli*) for the St. Joseph River. The stream segment for the TMDL starts at the confluence of the St. Joseph and Elkhart Rivers and goes downstream to the Indiana/Michigan line. The TMDL sets the *E. coli* standard on the St. Joseph River at 125 CFU/100 mL as a geometric mean based on no less than five samples taken over a thirty-day period from April 1 to October 31 and the single sample maximum at 235 CFU/100 mL, which is the current state water quality standard. Point and nonpoint source reductions for *E. coli* were not addressed in the TMDL.

### 2.2 CURRENT STORMWATER MANAGEMENT PLAN

The Partnership has updated activities under each MCM as described below.

#### 2.2.1 Public Education and Outreach MCM

This MCM is coordinated by Elkhart County Soil and Water Conservation District (SWCD) for all partners. Accomplishments to date include the following (details are found in annual reports to IDEM):

- **Education Program Development:** Development of a stormwater education committee, made up of representatives from the SWCD, Elkhart Environmental Center, Elkhart County Parks Dept., and Goshen Parks Dept. The committee meets quarterly to foster communication among the partners, provide guidance in meeting the goals of the SWQMP, and coordinate reporting of activities.
- **Survey of Attitudes and Prior Knowledge:** The Partnership worked with students in the Goshen College Environmental Studies program to conduct a stormwater attitude/awareness survey in 2007. The results were used by the education committee over the past 3 years to direct programs and activities. In order to continue to quantify attitudes and change in knowledge, the Partnership has set up a web quiz/survey. Results are stored by the web host, so changes in awareness can be tracked over time

- **Stormwater Calendar:** The Partnership created 2-year calendars highlighting area waters and water quality information in 2008-09 and 2010-11. We distributed 10,000 copies to the public each time. This attractive calendar was very popular and well received. In addition, over 50 photographers submitted over 500 photos, of which we chose 26. An Indiana Master Naturalist helped to design and lay out the calendar. These volunteer activities helped improve the public ownership of this project.
- **Teacher Training:** Members of the Partnership are trained facilitators in the following state curriculums: Project Wet, Healthy Water/Healthy People, Project Wild, and Project Learning Tree. Workshops for educators are held several times per year.
- **Watershed Education:** This was identified as an area of education focus due to results from the 2007 attitude survey. The Partnership purchased 4 EnviroScape watershed models, which are used for youth and adult education related to watersheds.
- **Coordinating Events:** The Partnership has stormwater education materials at events such as Earth Day and Arbor Day.
- **Solid Waste:** The Elkhart County Solid Waste Management District and Elkhart Environmental Center both conduct education related to proper handling and disposal of solid waste, recyclables, and household hazardous waste.
- **Lawn Care:** The SWCD holds an annual Northern Indiana Soil Management seminar that covers topics related to proper application of pesticides and fertilizers.
- **Illicit Discharges:** The Elkhart County Health Dept. holds an annual septic installers meeting, distributes brochures on septic maintenance, and promotes programs to detect and correct illicit discharges into waterways and stormwater conveyances.

Elkhart and Goshen are CSO communities. Both have reviewed the CSOOP & LTCP to ensure consistency with the goals of the SWQMP.

### 2.2.2 Public Participation and Involvement MCM

This MCM is coordinated by Elkhart County SWCD for all partners. Accomplishments to date include the following (details are found in annual reports to IDEM):

- **Public Involvement Program Development:** See note on the stormwater education committee under 2.2.1 above.
- **Public Notice of meetings:** All council/commission/board meetings and hearings are open to the public and publicized in accordance with Indiana's Open Door Law.
- **Storm Drain Marking:** The partnership has experimented with a painted stencil as well as a marker with an adhesive. Both have created challenges in ease of application for volunteers, as well as their ability to last in an urban setting. The Partnership intends to continue to test different markers to find which provides the best results.
- **Promotion of Rain Barrels, Rain Gardens, and other Low Impact Development:** In 2010, the Partnership started an incentive program to provide funding for residents to install rain gardens and rain barrels. The program has been very popular and resulted in installation of 6 rain gardens and 58 rain barrels in the first half of 2010. In order to qualify for the program, residents must attend an educational workshop.



- **Web site development:** The Partnership maintains a website ([www.stormwaterelkco.org](http://www.stormwaterelkco.org)) with permit information, upcoming meetings and events, and educational information for the public.
- **Volunteer Water Monitoring:** The SWCD and Elkhart County Parks Dept. each have a trained Hoosier Riverwatch facilitator on staff, and each hold at least one volunteer monitor training per year.
- **River clean-ups:** The Elkhart Environmental Center holds at least one river clean-up per year. The Partnership had partnered with other organizations on river clean-ups as well.
- **Work with watershed organizations:** IDEM has encouraged MS4s to work with watershed groups. The Partnership has worked with the Elkhart River Restoration Association on a number of projects, including installing BMPs through a cost-share program, holding a rain barrel auction, and conducting a bus tour to green building sites in Chicago.

### 2.2.3 Illicit Discharge and Detection MCM

Each entity conducts its own individual illicit discharge program. Accomplishments to date include the following (details are found in annual reports to IDEM):

- Each entity has completed mapping of stormwater conveyance systems with a pipe diameter greater than 12 inches and open ditches with bottoms larger than 2 feet that are maintained by MS4 entities.
- Each entity has an ordinance or other regulatory mechanism in place that prohibits illicit discharges into the MS4 conveyance.
- Each entity has started or has plans to start a dry weather screening program to detect, address, and eliminate illicit discharges.
- Recycling programs through the City of Elkhart's curbside pickup and the Elkhart County Solid Waste Management District's drop-off sites provide recycling opportunities for commonly dumped waste.
- The Environmental Division of the Health Department in conjunction with the Elkhart County Planning Department oversees a program which assists low income residents with cost share monies to replace their septic systems, providing the septic systems discharge to a water body and the property owner meets the minimum requirements established by the Elkhart County Stormwater Utility Board. 19 illicit discharges from septic systems have been corrected using this cost-share program

#### **2.2.4 Construction Site Stormwater Run-off Control MCM**

This MCM is coordinated by Elkhart County SWCD for all partners. Accomplishments to date include the following (details are found in annual reports to IDEM):

- All entities have adopted a construction site runoff control ordinance which meets the requirements of Rule 13 and refers to Rule 5 as the minimum standard for SWPPP submittal and implementation. These ordinances establish filing fees and local enforcement authority with penalties for violations under this MCM. The SWCD reviews SWPPPs and conducts site inspections for all entities. If enforcement action is necessary, it is the responsibility of each entity under their ordinance. The SWCD keeps a monthly summary report of construction site SWPPP reviews, inspections, and enforcement actions, using the form provided by IDEM.
- MS4 Area inspectors and plan reviewers attend regular training. Several have received CPESC and CESSWI certification.
- The SWCD receives public complaints regarding erosion and sediment control on construction sites and has created a tracking system for complaints. Complaints are input into the tracking sheet, along with the date and a description of any action taken on the part of the SWCD or the MS4 entities.
- The Partnership has sponsored educational workshops for contractors, developers, and plan preparers every year since 2004.

#### **2.2.5 Post Construction Stormwater Run-off MCM**

Each entity conducts its own individual post-construction program. Accomplishments to date include the following (details are found in annual reports to IDEM):

- Each entity has an ordinance or other regulatory mechanism in place to regulate post-construction practices. These ordinances establish filing fees and local enforcement authority with penalties for violations under this MCM. Each entity reviews post-construction plans and conducts site inspections to ensure compliance with O&M plans.
- MS4 Area inspectors and plan reviewers attend regular training. Several have received CPESC and CESSWI certification.
- Each entity conducts operation and maintenance of catch basins and other BMPs and stormwater conveyances.
- Discharges into sinkholes or fractured bedrock are prohibited.

## **2.2.6 Municipal Operations Pollution Prevention and Good Housekeeping MCM**

Each entity conducts its own individual good housekeeping and pollution prevention program. Accomplishments to date include the following (details are found in annual reports to IDEM):

- Each entity has examined existing operations and facilities, made changes where necessary, and will continue to evaluate operations and make changes.
- Each entity has created SWPPPs for their facilities which cover SOPs, spill prevention plans, and other controls to minimize the discharge of pollutants from operational areas.
- Each entity has provided training to employees and will continue to provide training as needed.

## **2.3 ALL KNOWN STRUCTURAL AND NONSTRUCTURAL BMPS**

BMPs have been updated in the revised Part B.

## **2.4 SCHEDULE FOR ON-GOING RECEIVING WATER CHARACTERIZATION**

Water Monitoring data has been updated in the revised Part B.

**Section 3.0**  
**Stormwater Program for Six Minimum Control Measures (MCMs)**

**3.1 PUBLIC EDUCATION AND OUTREACH**

The Elkhart County SWCD will continue to coordinate, support, and assist with public education and outreach activities conducted by the cities of Elkhart and Goshen, Elkhart County, and private and public outreach groups in Elkhart County. For a greater impact, a Stormwater Education Committee has been created, with representation from all the partners, and is meeting regularly. The Committee has identified the following BMPs and Measurable Goals.

***BMP 1: Continue to develop and implement a public outreach and education program***

Measurable Goal 1: Continue to review current educational activities within the MS4 Area and implement an inclusive education program.

Reporting and Record Keeping: Hold regular Stormwater Education Committee meetings and keep minutes of those meetings. Catalogue and periodically review activities.

***BMP 2: Survey constituents for attitudes and prior knowledge of stormwater quality***

Measurable Goal 1: Advertise and market the web stormwater quiz ([www.stormwaterelkco.org](http://www.stormwaterelkco.org)) and compare change in knowledge over time.

Reporting and Record Keeping: Review quiz results annually.

***BMP 3: Educate minorities, disadvantaged communities, and children***

Measurable Goal 1: Continue to evaluate future publications as to whether they should be published in both English and Spanish.

Reporting and Record Keeping: Archive printed copies of educational materials; document number of publications distributed.

Measurable Goal 2: Continue to hold at least one workshop for teachers annually (e.g. Project WET, Healthy Water/Healthy People, etc.).

Reporting and Record Keeping: Document number of attendees and schools represented.