



**Town of St John  
Storm Water Quality Management Plan  
(SWQMP)**

**Part C: Program Implementation Report**

Updated:  
October 8, 2010

Prepared by the Town of St John Stormwater Advisory Council

Section One: Program Development

A. Introduction

One of the first tasks of the advisory committee was to determine what existing programs or activities within the Town may be incorporated within any of the six minimum control measures (MCMs) identified in Rule 13. Town Department activities and non-governmental activities were considered.

B. Renewal of Storm Water Program

The Best Management Practices (BMPs) already in-use in St John are:

MCM 1 – PUBLIC EDUCATION AND OUTREACH BMPs

The following BMPs are being considered by the Town of St John in order to comply with the minimum requirements of this MCM.

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Develop a survey designed to assess initial constituent knowledge and practices as they relate to stormwater quality.	Distribute via newsletter, the Lake County HHW mobile collection program, public meetings, and other locations.	Assess constituent knowledge and practices as they relate to stormwater quality.
Create a series of stormwater educational brochures and articles targeting citizens, visitors, the construction and development community, and businesses and commercial facilities.	Distribute via utility bills, the Lake County HHW facility, public meetings, and other local events, such as “Christmas in the Park”, the Open House, and libraries.	Educate community members on the need for a stormwater management program and the impacts that stormwater runoff can have on water quality.
Partner with Park Board to develop additional materials and venues for distribution.	Distribute information via Park events.	Educate community members on the need for a stormwater management program and the impacts that stormwater runoff can have on water quality.
Educating children	St John grade schools	Town personal went to 3 local grade schools and presented MS4 material to the 4th graders.

MCM 2 – PUBLIC PARTICIPATION AND INVOLVEMENT BMPs

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Implement a Storm Drain Inlet Marking Program.	Town storm sewer inlets in priority watersheds.	Increase citizen awareness of the Town's Stormwater Program through public participation.
Formalize and advertise community cleanup programs.	Town Parks and other common areas.	Increase citizen awareness of the Town's Stormwater Program through public participation.
Develop an education training program focusing on the local construction and development community.	Town of St John	Increase the construction and development community's awareness of changing erosion and sediment control standards.
Battery Recycling Program	Town of St John Clerk's office	Keeps heavy metals out of the landfills.
Household Hazardous Waste Recycling Program	Lake Central High School parking lot	Keeps hazardous materials out of the air, water, and landfills.
Stormwater Advisory Council Meeting	The Stormwater advisory council will have a public meeting once a year	Educate the public and answer questions or concerns about stormwater
Stormwater Advisory Council and Home owners Associations	The Stormwater advisory council will meet with Home Owners Associations as requested.	Educate the public and answer questions or concerns about stormwater

MCM 3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION BMPs

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Develop a plan for identifying and eliminating illicit storm sewer connections.	Town of St John	Ensure effective detection and elimination of illicit discharges to St John's storm sewer system.
Continually update the stormwater system map.	Town of St John	Increase effectiveness of Town responses to illicit discharges entering the storm sewer system.
Conduct dry weather screening of all storm sewer outfalls.	Town of St John	Ensure efficient and effective identification of illicit discharges.
Sweep the streets	Town of St John	Prevent illicit discharges from entering the storm sewer system.
Pickup leafs and branches	Town of St John	Prevent leafs and branches from entering the storm sewer system.
Automobile Fluid Drop-off Centers	<p>The Town of St. John Public Works will accept fluids</p> <p>Mighty Mikes gas station @ 9524 Wicker Ave</p> <p>Stan's Auto Salvage @ 7967 Wicker Ave.</p> <p>Kmart Service Center @ 9550 Wicker Ave accepts transmission fluid, oil, and antifreeze. They also accept oil filters for a small fee.</p> <p>Oil Exchange @ 9977 Wicker Ave</p> <p>K &amp; M Transmissions @ 10135 Earl Drive</p> <p>Kubiak's @ 10749 Wicker Ave</p>	Prevent automobile fluids from entering the storm sewer system.

MCM 4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL BMPs

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Develop a comprehensive Erosion and Sediment Control (ESC) Program fulfilling requirements of Rule 13.	Town of St John	Minimize water quality impacts of development occurring within the Town of St John. Ensure that new/redevelopment within the Town's MS4 area is managed as efficiently as possible.
Hire new and/or train staff to conduct ESC plan reviews and site inspections within the Town of St John.	Town of St John	Ensure adequate staff to address increased workloads associated with performing ESC plan review, inspection, and enforcement as mandated by Rule 13.
Develop and implement a system to track the status of development projects and ESC complaints.	Town of St John	Ensure efficient management and accurate reporting on the status of development within the Town of St John.
Develop an educational training program focusing on the local construction and development community.	Town of St John	Increase the construction and development community's awareness of changing erosion and sediment control standards.
Develop written procedures for prioritizing construction sites for inspection and enforcement, including authority for issuing stop work orders.	Town of St John	Ensure that construction and development site inspections are as effective as possible.
Conduct review of ESC Program to determine overall effectiveness and adequacy.	Town of St John	To correct deficiencies or make updates based on new information or technology.

MCM 5 – POST-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL BMPs

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Develop a comprehensive Erosion and Sediment Control (ESC) Program addressing post-construction stormwater runoff from new/redevelopment areas and fulfilling requirements of Rule 13.	Town of St John	Minimize the water quality impacts of new development within the Town of St John, and ensure that new/redevelopment within the Town's MS4 area is managed as efficiently as possible.
Train staff to conduct ESC plan reviews and inspections for post-construction BMP control measures.	Town of St John	Ensure adequate staff to address increased workloads associated with performing plan review, inspection, and enforcement as mandated by Rule 13.
Develop and implement operational and maintenance plans for Town owned Post-Construction BMPs.	Town of St John	Ensure long-term effectiveness and adequacy of newly installed BMPs.
Develop and implement a system to track the number and types of post-construction BMPs installed in new/redevelopment projects.	Town of St John	Ensure consistent inspections and record keeping regarding the number and condition of newly installed BMPs.
Maintain the Floodplain Management Plan.	Town of St John	Ensure protection of floodplain storage and prevention of flood damages.

MCM 6 – POLLUTION PREVENTION AND GOOD HOUSEKEEPING BMPs

Best Management Practice (BMP)	Location/ Application	Purpose/ Objective
Implement secondary containment for areas of chemical storage.	Public Works Department - Maintenance Facility	Reduce the impact of accidental spills that could contaminate stormwater runoff from the maintenance facility.
Install hydrocarbon and sediment removing BMPs at the street department facility.	Public Works Department	Prevent contaminants associated with daily operations from contaminating stormwater runoff from street department facility.
Implement additional salt and sand BMPs.	Public Works Department - Salt and Sand Storage areas.	Prevent stockpiles of salt and sand from contaminating stormwater runoff.
Develop and post a spill response plan at all Town facilities where hazardous material and chemicals are used or stored.	Vehicle Maintenance Facilities	Ensure efficient and effective response to accidental chemical spills.
Contract with a waste disposal company to dispose of all materials collected via the Town's street sweeping program.	Town of St John	Ensure that wastes collected via the Town's street sweeping program are disposed of in a manner that prevents them from contaminating stormwater runoff.
Develop a system for tracking street sweeping and other litter pickup efforts.	Town of St John	Ensure accurate reporting and documentation of the Town's pollution prevention programs.
Develop and implement a mechanism to prevent vehicle wash waters from leaving Town facilities without being treated by appropriate BMPs.	Vehicle Maintenance Facilities	Prevent vehicle wash waters from contaminating stormwater runoff or discharging directly into receiving waters.
Implement secondary containment for areas of chemical storage.	Public Works Department - Maintenance Facility	Reduce the impact of accidental spills that could contaminate stormwater runoff from the maintenance facility.

In addition to the existing programs and activities listed above, an inventory of the structural BMPs within St. John was identified during the Baseline Characterization and Report phase. Within St. John, developments are required to provide detention basins, so developments may achieve water quality benefits due to sediment settling or filtration / infiltration. Also, catch basins are installed prior to new connections to the storm sewer system. The town will also encourage green development to achieve water quality benefits.

#### Baseline Characterization & Report Update

The SWQMP-Part B Baseline Characterization and Report that was submitted to the Indiana Department of Environmental Management (IDEM) on August 27, 2004 has been updated as a part of the permit renewal.

As stated in the updated Baseline Characterization and Report, the MS4 Operator will continue to review data for receiving waters and report any changes annually, as required. On receiving waters where limited data is available, further investigation will be done throughout the permit period, including increased physical monitoring within the illicit Discharge Detection and Elimination program and as additional data becomes available from other sources.

#### Description of MS4

##### 1. Area

Starting at the point of beginning at the intersection of US 231 and Cline Avenues south 180' to the SW corner of the Town thence west approximately 524' to center line of Parrish avenue thence north 5269' along said centerline to the south line of Three Springs Subdivision Phase 2 thence west along said south line of Three Springs subdivision a distance of 4108' the center line of the Norfolk Southern rail line thence south 2542' along said rail line thence East a distance of 1819' to the West line of the CSX rail line thence SE 2836' to the centerline of US 231 thence West 11990' to approximately the center line of Section 6 thence North along said centerline a distance of 1950' thence West a distance of 7369' to the State Line, thence North along said State Line a distance of 135' thence East a distance of 3562' then North 1879' then East 1253' to the center line of Calumet Avenue then North along said center line and projected a distance of 13208' to the Northwest corner of the Town and North West corner of Kilkenny subdivision a subdivision to the town of St. John, thence East a distance of 5157' along said north line to the east line of Section 30 thence South 1313' to the centerline of 85<sup>th</sup> Avenue, thence East along said centerline 2763' to the LNA & C (CSX) railroad, then NW a distance of 1956' along said railroad to the west line of Heron Lake Subdivision, thence NE along the subdivision boundary 1368' to intersect the northern boundary of Heron Lake subdivision, thence SE along the north line of said subdivision and projected a distance of 4405' more or less, to the east line of the Norfolk Southern railroad then South 2656' to the center line of 85<sup>th</sup> Avenue then East a distance of 3952' along said centerline to Parrish Avenue, thence South 2403' to the north property line of Willow Ridge subdivision, thence Easterly a distance of 4008' as depicted in attached map along the north line of Lantern View and North Point Subdivisions, then South 2603' along the east line of North Point subdivision to the NE corner of Sierra Point Subdivision then East 4966' to the NE corner of the Town thence South 1675' to the centerline of 93<sup>rd</sup> Avenue, then West along said centerline a distance of 2335' to the intersection of Blaine Avenue, thence South 4909' to the intersection of 101<sup>st</sup> Avenue, thence NW 1309' to the intersection of Cline Avenue, Then South 5738' to the intersection of Cline Avenue and US 231, the Point of Beginning.



2. Conveyance

Currently it is estimated that the St. John MS4 includes:  
284,532 linear feet of open ditch conveyances,  
460,000 linear feet of storm sewer pipe, and  
4,019 catch basins / storm drains

Section Two: Minimum Control Measures

A. Public Education and Outreach

1. Program Description

The Town of St. John is a part of the regional Public Education and Involvement program being coordinated by the Northwest Indiana Regional Planning Commission (NIRPC). Program information is outlined in Appendix D.

2. Initial Assessment

The town is considering using a web based survey (surveymonkey or in house) to conduct targeted surveys.

3. Measurable Goals

(See Appendix D)

B. Public Participation and Involvement

1. Program Description

As in the previous MCM, the Town of St. John is a part of the regional Public Participation and Involvement program being coordinated by NIRPC. Program information is outlined in Appendix D. As well as what is stated in the Town's Part B for the next permit cycle.

2. 2<sup>nd</sup> Permit Cycle Assessment

Ongoing involvement with the NIRPC program will continue through this permit cycle. The town is making addition endeavors as stated in the Town's Part B.

3. Measurable Goals

(See Appendix D)

C. Illicit Discharge Detection and Elimination

1. Program Description

The Town of St. John continues to update a digital map of the storm sewer conveyance system. The town will develop an Illicit Discharge Detection program based on the

requirement of MCM6. Additionally, the household hazardous waste (HHW) program mentioned above as well as the town's voluntary weekly curbside recycling program provided opportunity to dispose of materials that would be harmful to waters of the state if discharged to the MS4. These programs will be continued and monitored. The Stormwater Ordinance No. 1363 will be updated during the next permit cycle. The subdivision control Ordinance No. 1288 will also be updated during the next permit cycle.

## 2. Measurable Goals

### BMP No. 1: Know MS4 System

Timeline for Implementation: In accordance with 327 IAC 15-13-14(b)(2)

Measurable Goal: Add accuracy details required in Rule 13 and keep the Map updated, to accomplish complete mapping and details within the initial permit term.

Update: Map and screen outfalls during dry weather conditions for potential pollutants and to obtain GPS location.

### BMP No. 2: Regular Outfall Inspections

Timeline for Implementation: In accordance with 327 IAC 15-13-14(b)(2) then biannually in subsequent permit terms.

Measurable Goal: Each outfall is inspected; conditions, observations, findings and any actions taken will be documented.

Update: This goal will continue in the next permit cycle.

### BMP No. 3: Enforce Stormwater Management Ordinance

Timeline for Implementation: Beginning on Effective Date (October 21, 2004)

Measurable Goal: In addition to the Outlet Inspection program, called-in, written, or in-person complaints will be investigated through the Public Works Department or Town Inspectors, with oversight from the MS4 Operator. Each complaint, actions taken and any enforcement activities will be documented.

Update: All MS4 Related complaints will be tracked separately from other issues. The Town website can also be used to submit a violator.

### BMP No. 4: Identify Conveyance System

Timeline for Implementation: Beginning in year 3 (2006) all newly constructed system and 33% of existing system (structures and open ditches) will be marked each remaining year of the permit term.

Measurable Goal: New inlet or catch basin castings should include MS4-related detail. Existing structures will be marked by casting, stencils, or appliqué. Signage will be created to post at open ditches.

Update: The goal is to mark all castings within the next permit cycle. The town will also mark park areas adjacent to the water courses for dog waste.

## D. Construction Site Storm Water Runoff Control

### 1. Program Description

Currently, the St. John Subdivision Control Ordinance (No. 1252) gives the Building Planning Department as well as the Department of Public Works authority to complete plan review, on-site inspection, and enforcement of developing areas. Additional language has been drafted and will be used to amend the Subdivision Control Ordinance. The draft language includes more detailed specifics on procedures and practices for erosion and sediment control, comparable to that within 327 IAC 15-5. Additionally, as required, MS4 owned projects will begin including in the design requirements and/or the project specifications the additional requirements listed in 327 IAC 15-13-15 j & k.

The Public Works through the Town Manager will track public relations related to local construction activity. Inquiries, concerns, or information received from the public will be logged. The information will be forwarded for inspection and then the response and/or findings will be added to the log/file.

Municipal employees will receive annual training related to proper usage of best management practices, as well as inspection and enforcement procedures. This training will be provided by the MS4 Operator, his representative, and/or an applicable workshop or program.

## 2. Measurable Goals

BMP No. 1: Provide local oversight of new development and construction  
Timeline for Implementation: Existing practice in place through Building and Planning Department. Also, addition of a Code Enforcement Officer is anticipated in 2005.  
Measurable Goal: For each construction site permit issued, the number of inspections completed as well as any enforcement actions taken will be documented.

Update: A Code Enforcement Officer was hired. The Town will continue to utilize town staff for construction SWPP inspections and to monitor construction sites within the town boundary. Tracking of all inspections and code enforcements is documented.

BMP No. 2: Develop design regulations and guidance for structural and non-structural BMPs allowed and/or required within St. John  
Timeline for Implementation: Begin upon adoption of the Stormwater Erosion and Sediment Control language, then annually review and update as required thereafter during the permit term.  
Measurable Goal: In the first year of local erosion and sediment control oversight, begin an assessment of BMPs being introduced and used locally, their applicability and effectiveness. Annually, as part of, or following the annual employee training, these assessments will be reviewed to note problem areas where BMPs are not in use or improperly chosen and develop more detailed regulation as necessary. As appropriate, new BMP technology or development practices may be explored and approved for use following employee education related to applicability, review and inspection procedures on-site.

Update: This goal was not implemented in the first permit cycle, however it will be fully implemented in this permit cycle. During this permit cycle a new storm water technical manual will be developed. The subdivision control ordinance will also be modified to utilize evolving BMP designs. The erosion and sediment control ordinance will also be modified to utilize evolving BMP designs.

E. Post-Construction Site Storm Water Runoff Control

1. Program Description

As noted in Section 1.B, planning and building guidelines within the Town are under review for updates and amendments to be included within the Zoning and Subdivision Control Ordinances when revised. As appropriate, and/or required within 327 IAC 15-13-16, additional considerations and development of this program is on-going, anticipated to be certified within 730 days from the date of the Notice of Intent submittal. See Part B for the goals for this MCM and the timeline for implementation will be the next permit cycle.

F. Municipal Operations Pollution Prevention and Good Housekeeping

1. Program Description

Prior to adoption of 327 IAC 15-13 ("Rule 13"), the Department of Public Works has practices in-place such as street sweeping, litter pick-up, catch basin, inlet and structure cleaning, outfall scour remediation, and care of roadside vegetation on a regular or as-needed basis. To comply with Indiana's Rule 13, the Director of Public Works was assigned the additional duty of MS4 Operator. This program includes development of log books, schedules, employee daily activities report/chart, procedures, etc. to document completion of these activities and their associated volume, weight, linear feet, etc. as required in Programmatic Indicator Z, AA, BB, CC, DD, EE, FF, and GG. (See Section Three).

Update: In 2009 the duty of MS4 Operator has been assigned to the Town Manger.

In addition, municipal operational areas have been evaluated for compliance with the requirements of Section 17.B.2 of Rule 13. Those areas determined to be missing or inadequate will be modified or amended to achieve these requirements.

Waste materials removed from the MS4 and operational areas are disposed of in accordance with applicable waste disposal regulations.

As applicable or each, municipal employees receive proper training related to disposal of hazardous wastes, vegetative waste handling, fertilizer and pesticide application, and the function of BMPs implemented. A written record of such training through certification, attendance at municipal training sessions, or other MS4 Operator approved activities will also be included in records kept to implement this program.

2. Measurable Goals

BMP No. 1: Street Sweeping

Timeline for Implementation: Established program to continue throughout the permit term.

Measurable Goal: Each municipal street will be swept a minimum of four times each year.

Update: Street Sweeping will be done at minimum once a year.

BMP No. 2: Vacuum manhole, catch basin and inlet structures

Timeline for Implementation: Throughout permit term.

Measurable Goal: Move from "as needed" to "regular maintenance activity". In first year of program, documentation of structures cleaned as-needed. Each subsequent year until 100% is achieved, and additional 10% of structures will be cleaned. Once 100% of structures have been cleaned, use historic documentation to assess and identify maintenance frequency necessary to reduce floatables other pollutants discharged from the MS4.

BMP No. 3: Minimize salt, sand, pesticide and fertilizer use

Timeline for Implementation: Established program to continue throughout the permit term.

Measurable Goal: Relative to local weather conditions, use of salt and sand will be minimized while continuing established safety levels. Usage amounts will be documented. As more environmentally friendly alternative materials are developed or become available, de-icing will be accomplished by increasing relative percentage to total use of alternative materials while reducing the relative percentage to total of salt and sand used.

Update: Salt usage has been minimized and documented. No sand is being used.

### Section Three: Programmatic Indicators

For each programmatic indicator used, the location within this report where it is addressed indicated in italics. If information is not already included in this report, an update will be included in the Annual Report. If the programmatic indicator will not be used, an explanation or alternative is indicated in italics.

A. Number of percentage of citizens, segregated by type of constituent that have an awareness of storm water quality issues.

*See Appendix D*

B. Number and description of meetings, training sessions, and events conducted to involve citizen constituents in the storm water program.

*See Appendix D*

C. Number of percentage of citizen constituents that participates in storm water quality improvement programs.

*See Appendix D*

D. Number and location of storm drains marked or cast, segregated by marking method.

*2.C-BMP#4, pg10*

E. Estimated or actual linear feet or percentage of MS4 mapped and indicated on an MS4 area map.

*2.C-BMP#1, pg9*

F. Number and location of MS4 area outfalls mapped.

*2.C-BMP#1, pg10*

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

*2.C-BMP#2 pg9 and 2.C-BMP#3 pg10*

H. Number and location of illicit discharges detected.

*2.C-BMP#2 pg9 and 2.C-BMP#3 pg10*

I. Number and location of illicit discharges eliminated.

*2.C-BMP#3pg10*

- J. Number of and estimated or actual amount of material, segregated by type, collected from HHW collections in the MS4 area.  
*1.B-MCM#3, Activity #4,pg4*
- K. Number and location of constituent drop-off centers for automotive fluid recycling.  
*1.B.-MCM#3, Activity #6, pg4*
- L. Number or percentage of constituents that participate in the HHW collections.  
*1.B-MCM#3, Activity #2,pg4*
- M. Number of construction sites obtaining and MS4 entity-issued storm water run-off permit in the MS4 area.  
*2.D.-BMP#1, pg11*
- N. Number of construction sites inspected.  
*2.D.-BMP#1, pg11*
- O. Number and type of enforcement actions taken against construction site operators.  
*2.D-BMP#1, pg11*
- P. Number of, and associated construction site name and location for, public informational requests received.  
*2.D,1,pg11*
- Q. Number, type, and location of structural BMPs installed.  
*2.D.-BMP#2, pg11*
- R. Number, type, and location of structural BMPs inspected.  
*2.D.-BMP#1, pg11*
- S. Number, type, and location of structural BMPs maintained or improved to d=function properly.  
*2.E.1,pg12*
- T. Type and location of nonstructural BMPs utilized.  
*2.E.1, pg12*
- U. Estimated or actual acreage or square footage of open space preserved and mapped in the MS4 area, if applicable.  
*2.E.1, pg12*
- V. Estimated or actual acreage or square footage of pervious and impervious surfaces mapped in the MS4 area, if applicable.  
*2.E.1,pg12*
- W. Number and location of new retail gasoline outlets or municipal, state, federal, or institutional refueling areas, or outlets or refueling areas that replaced existing tank systems that have installed storm water BMPs.  
*2.E.1,pg12*
- X. Number and location of MS4 entity facilities that have containment for accidental released of stored polluting materials.  
*2.F.1,pg10 and pg11*
- Y. Estimated or actual acreage or square footage, amount, and location where pesticides and fertilizers are applied by a regulated MS4 entity to places where storm water can be exposed within the MS4 area.  
*2.F.1,pg12*
- Z. Estimated or actual linear feet or percentage and location of un-vegetated swales and ditches that have an approximately-sized vegetated filter strip.  
*2.F.1,pg12*
- AA. Estimated or actual linear or percentage and location of MS4 conveyance cleaned repaired or repaired  
*2.F.1, BMP#2, pg13*

BB. Estimated or actual linear feet or percentage and location of roadside shoulders and ditches stabilized, if applicable.

*2.F.1,pg12*

CC. Number and location of storm water outfall areas remediated from scouring conditions, if applicable.

*2.F.1,pg12*

DD. Number and location of deicing salt and sand storage areas covered or otherwise improved to minimize storm water exposure.

*2.F.1,pg12*

EE. Estimated or actual amount, in tons, of salt and sane used for snow and ice control.

*2.F.1,BMP#3,pg13*

FF. Estimated or actual amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning.

*2.F.1,BMP#2, pg13*

GG. Estimated or actual amount of material by weight collected from street sweeping, if utilized.

*2.F.1, BMP#1,pg12*

HH. If applicable, number or percentage and location of canine parks sited at least on hundred fifty (150) feet away from a surface water body.

Not Applicable

# APPENDIX A

## State Certification Forms





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

State Form 51280 (R4 / 4-08)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**

IDEM – Rule 13 Coordinator  
100 North Senate Avenue, Rm 1255  
MC 65-42  
Indianapolis, IN 46204-2251  
Phone: (317) 234-1601 or  
(800) 451-6027, ext. 41601 (within Indiana)

Web Access:  
<http://www.in.gov/idem> (Search for Stormwater)

**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.

<b>X</b>	<b>NA</b>	<b>ITEM</b>
<input 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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	* If yes, the SWQMP – Part C includes appropriate modifications to meet the TMDL
<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
		4. The SWQMP – Part C contains:
<input checked="" type="checkbox"/>		a) An initial evaluation of the storm water program for the MS4 area
<input checked="" type="checkbox"/>		* 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
<input checked="" type="checkbox"/>		*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
<input checked="" type="checkbox"/>		* 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 type="checkbox"/>	<input type="checkbox"/>	i) Public education and outreach MCM
<input 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 type="checkbox"/>	<input checked="" 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"/>		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

**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.

<b>X</b>	<b>NA</b>	<b>ITEM</b>
<input type="checkbox"/>	<input checked="" 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
<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 type="checkbox"/>	<input checked="" type="checkbox"/>	xxi) Estimated acreage or square footage of open space preserved and mapped
<input type="checkbox"/>	<input checked="" type="checkbox"/>	xxii) Estimated acreage or square footage of mapped pervious and impervious surfaces
<input type="checkbox"/>	<input checked="" type="checkbox"/>	xxiii) Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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"/>		<b>5.</b> 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"/>		<b>6.</b> 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 type="checkbox"/>	<input checked="" 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"/>		<b>7.</b> 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

**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.

<b>X</b>	<b>NA</b>	<b>ITEM</b>
<input checked="" type="checkbox"/>		c) Plan identifies specific public involvement and reduction goal percentages and timetables
<input type="checkbox"/>	<input checked="" type="checkbox"/>	d) For CSS communities, the current LTCP has been reviewed for ensuring that there is consistency with this MCM
		<b>8. For the Illicit Discharge Detection and Elimination MCM:</b>
<input checked="" type="checkbox"/>		a) Plan schedules development of a storm sewer system map
<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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	i) Plan procedures include the postconstruction requirements of 327 IAC 15-5-6.5(a)(8)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ii) Where appropriate, procedures include buffer strip and riparian zone preservation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	iii) Where appropriate, procedures include filter strip creation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	iv) Where appropriate, procedures include minimization of land disturbance and surface imperviousness
<input type="checkbox"/>	<input checked="" type="checkbox"/>	v) Where appropriate, procedures include maximization of open space
<input type="checkbox"/>	<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 type="checkbox"/>	<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

**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"/>		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"/>		b) Plan identifies specific reduction goal percentages and timetables
<input type="checkbox"/>	<input checked="" 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"/>		<b>12.</b> "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: Amy R Moore, P.E. NPDES Permit #: INR040047  
(typed or printed)

Signature of Qualified Professional: \_\_\_\_\_ Date: 8-10-05  
(mm/dd/year)

Name of MS4 Operator: Robert J Pharazyn  
(typed or printed)

Signature of MS4 Operator: \_\_\_\_\_ Date: 7/21/05  
(mm/dd/year)



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

State Form 51271 (R3 / 4-08)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**

IDEM – Rule 13 Coordinator  
100 North Senate Avenue, Rm 1255  
MC 65-42  
Indianapolis, IN 46204-2251  
Phone: (317) 234-1601 or  
(800) 451-6027, ext. 41601 (within Indiana)  
Web Access:  
<http://www.in.gov/idem> (Search for Stormwater)

- 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 \_\_\_\_\_ (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 INR040047.

*"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>:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
(mm/dd/year)

**Title<sup>2</sup>:** Director of Operations  
(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 (R3 / 4-08)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**

IDEM – Rule 13 Coordinator  
100 North Senate Avenue, Rm 1255  
MC 65-42  
Indianapolis, IN 46204-2251  
Phone: (317) 234-1601 or  
(800) 451-6027, ext. 41601 (within Indiana)  
Web Access:  
<http://www.in.gov/idem> (Search for Stormwater)

**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.

**CERTIFICATION AND SIGNATURE**

The State of Indiana requires \_\_\_\_\_ (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 INR040047 \_\_\_\_\_.

*"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:** \_\_\_\_\_  
(mm/dd/year)

**Title<sup>2</sup>:** Director of Operations  
(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 (R3 / 4-08)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**

IDEM – Rule 13 Coordinator  
100 North Senate Avenue, Rm 1255  
MC 65-42  
Indianapolis, IN 46204-2251  
Phone: (317) 234-1601 or  
(800) 451-6027, ext. 41601 (within Indiana)

Web Access:  
<http://www.in.gov/idem> (Search for Stormwater)

**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 \_\_\_\_\_ (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 INR040047\_\_\_\_\_.

*"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>:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
(mm/dd/year)

**Title<sup>2</sup>:** Director of Operations  
(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).

# APPENDIX B










## Map of MS4 Area

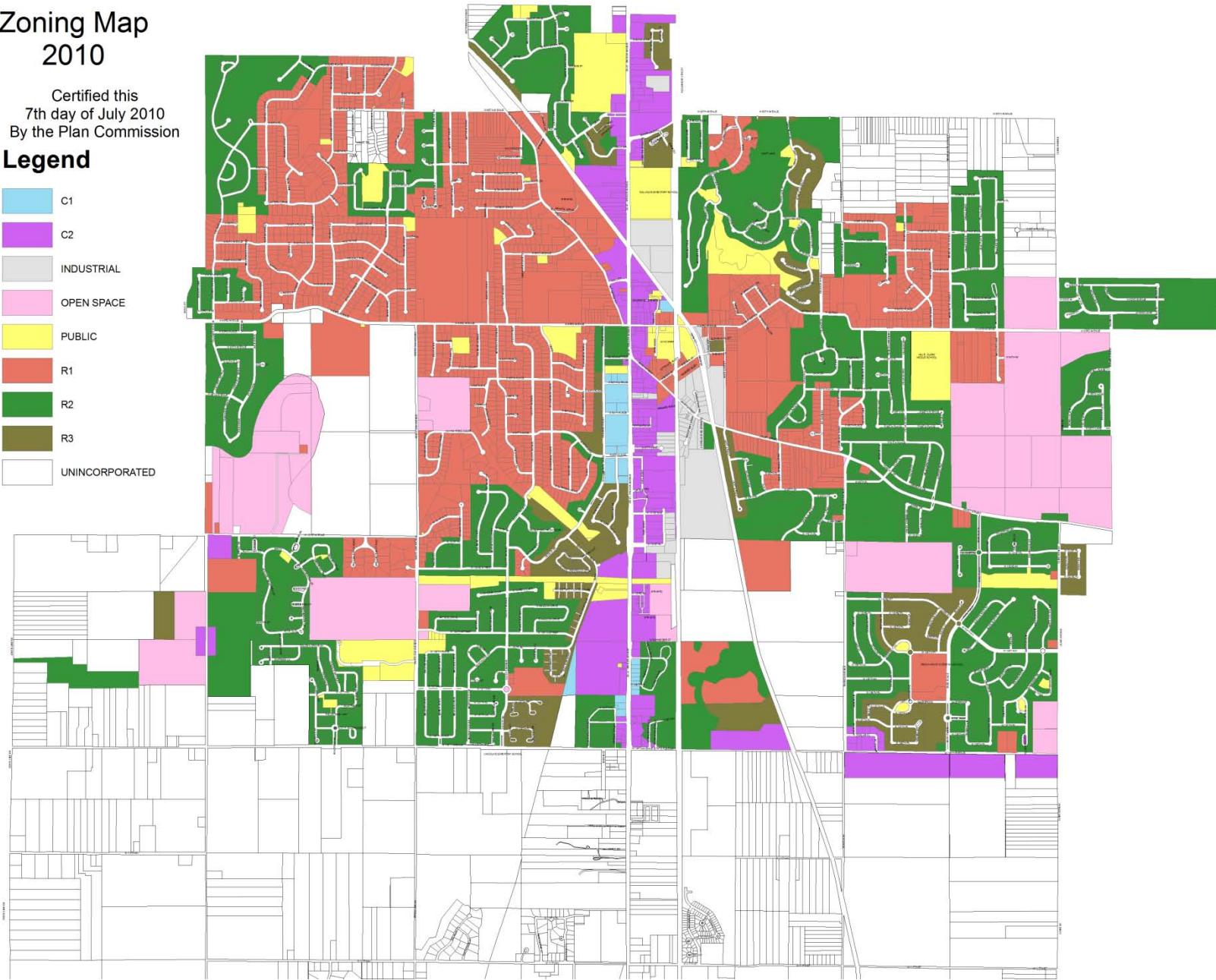


# Zoning Map 2010

Certified this  
7th day of July 2010  
By the Plan Commission

## Legend

	C1
	C2
	INDUSTRIAL
	OPEN SPACE
	PUBLIC
	R1
	R2
	R3
	UNINCORPORATED



# APPENDIX C

## Stormwater Budget

St. John MS4 Program  
Stormwater Quality Management Plan Budget

Program	Activities	Staff/Department	Annual Hours	Annual Budget
<b>Program Public Education &amp; Outreach</b>				
Regional Plan		NIRPC		\$2,067
General Awareness	Mailings/Newsletters	Town Manager/MS4 Operator/DPW		\$2,000
Current Curbside	Recycling Program	Town Council		\$10,000
Current Program	Trash Newsletter	Performance Waste		\$1,000
<b>Public Involvement &amp; Participation</b>				
Regional Program		NIRPC		\$2,067
Existing Annual Program	VFW Clean-up	Boy Scout/VFW	48	
Existing Annual Program	Adopt-a-Highway (US41)	Suncrest Christian Church	160	
Continue Household Hazardous Waste Program		Lake County Solid Waste Management Board		\$800
<b>Illicit Discharge Detection &amp; Elimination</b>				
BMP #1	GIS Mapping (updates, etc.)	Town Council		\$5,600
BMP #2 & BMP #3	Implement regular outfall inspection and maintenance program	DPW/Police Department		\$1,000
BMP #4	Initiate storm structure marking program and signage at open ditches	MS4 Operator/DPW		\$2,000
Provide Residential Refuse Collection Site	Town Dumpster Program	DPW/Police Department		\$4,500

Note: In years 2+ the NIRPC Program will increase to \$2298 per Program

St. John MS4 Program  
Stormwater Quality Management Plan Budget

<b>Program</b>	<b>Activities</b>	<b>Department</b>	<b>Annual Hours</b>	<b>Annual Budget</b>
Construction Site Stormwater Runoff Control				
BMP #1	Provide local erosion control inspections, enforcement and establish penalties	MS4 Operator / DPW		\$15,000
BMP #2	Mandate seeding by Developer of undeveloped lots	Building & Planning		\$1,750
BMP #2	Design regulations / guidance for allowable structural and non-structural BMPs	MS4 Opeator		\$5,000
Post-Constriction Stormwater Runoff Control in New Development / Redevelopment				
Pollution Prevention / Good Housekeeping for Municipal Operations				
BMP #1	Stree Sweeping	private contract / DPW		\$16,000
BMP #2	Vaccuum structures	DPW		\$8,000
BMP #2	Outfall Maintenance Program	MS4 Operator / DPW		\$1,000
BMP #3	Minimize salt / sand /deicer use	DPW		n/a
		Total Anticipated MS4 Annual Budget	208	\$75,717

# APPENDIX D

## Northwest Indiana Regional Planning Commission Programs for Public Education And Public Participation and Involvement



Coordinated by:  
Northwestern Indiana Regional Planning Commission  
6100 Southport Road  
Portage, IN 46368  
(219) 763-6060

[nirpc@nirpc.org](mailto:nirpc@nirpc.org)

Lake County Surveyor

[www.nirpc.org/environment/MS4.htm](http://www.nirpc.org/environment/MS4.htm)

Porter County Surveyor

City of Crown Point

City of Gary

City of Hobart

City of Lake Station

City of Portage

City of Valparaiso

Town of Cedar Lake

Town of Chesterton

Town of Dyer

Town of Griffith

Town of Highland

Town of Merrillville

Town of Munster

Town of New Chicago

Town of Porter

Town of Schererville

Town of St. John

Nature Works Conservancy  
District

Twin Creeks Conservancy  
District

Valparaiso Lakes Area  
Conservancy District

## **2010 Northwest Indiana MS4 Community Partnership**

### **MCM 1 Public Education and Outreach MCM 2 Public Involvement**

### **Biannual Compliance Report**

#### **Reporting Period:**

**January 1, 2009 through June 30, 2010**

**Respectfully Submitted  
September 28, 2010  
Revised October 22, 2010**

**Kathy Luther  
Director of Environmental Management**

**MCM 1: Public Education and Outreach Report**  
**Response to IDEM "Guidance on Annual Report Content" Draft 2008**

**Report Form Box 9 (a). For the following items, please provide a summary of control measure activities related to Rule 13 performed during the previous year. List any updated measurable goals from the SWQMP, compliance activities, BMPs installed or initiated, updated programmatic indicator data, and updated or developed regulatory mechanisms with effective dates.**

a. Public Education and Outreach:

- 1) Kathy Luther, Director of Environmental Management at the Northwest Indiana Regional Planning Commission is responsible for overseeing public education and outreach for the regional Northwest Indiana MS4 Community Partnership Program.
- 2) Targeted audiences during this reporting period included general public, pet owners, home auto maintenance, home owners, gardeners, children, teachers, construction site personnel, municipal personnel. Approximate numbers and percentages of target audiences potentially reached are as follows: General Public -300,000 County Fair Attendees (~47% of pop), 134,000 Newspaper Subscribers (NWI Times and Post-Tribune combined ~54% of households), NWI Times On-Line (~1,000,000 Impressions/month), Viva On-line (Spanish ~ 43,000 Impressions/month. MS4 Stormwater presentations or information were provided by request at public meetings, community forums, or meetings including: Lake County Master Gardeners, Valparaiso Stormwater Plan Public Meeting, Porter County Commission Meeting. Rain Garden presentations were given at a Porter County Rain Garden Workshop , and at the NIRPC EMPC in August 2009.
- 3) The public information strategy consists of multi-media approaches including radio, newspaper, and on-line advertising as well as public contact at local community events, and public workshops. Two primary themes and logos were used for consistent messaging on all printed materials: "Every Drop Counts" and "Remember, Only Rain in the Drain." **As a result of information obtained in our Water Quality Survey**, a new message focus was added to increase awareness of local waters and watersheds. New scripted radio spots were created and played throughout spring, summer, and fall of 2009 to help residents connect their communities and daily activities with local watersheds. These were played as part of the promotional campaigns for Household Hazardous Waste Collection Events. The radio program was discontinued in 2010 to redirect resources to Movie Theatre advertising which has better contact tracking mechanisms, the results of which will be reported in the next biannual compliance report. A 2009-2010 NWI Clean Water Calendar was produced and distributed. The calendar featured scenic photos of the many beautiful waters of our region, a watershed map, and stormwater tips taken directly from the 7 Simple Steps scattered throughout. The Calendar also included and information about watersheds as well as children's drawings about water pollution. Also as a result of the Survey, we increased our use of newspaper advertising, more information on newspaper outreach is presented in #11. We also directed mailed the Household Hazardous Waste Collection to homes 50,000 via The Chronicle.
- 4) The A 20 page educational water insert "Water Works For Me, For You, For Everyone" with an emphasis on stormwater was published in the NWI Times, (daily circulation in MS4 Communities of 75,000 = 37% of households in Lake and Porter County) in conjunction with Coast Week in September 2009. This publication would have reached 500 classrooms and approximately 15,000 students. The insert for 2010 has been finalized and sent to press.
- 5) Several environmental educational programs operated by local partners are relevant to this MS4 Public Education Program: Lake County Solid Waste Management District reached over 2000 students with

programs such as Enviroscope, Oil Spills, Household Hazardous Waste, Hazards on the Homefront, Rain Drops and Oil, Environmental Detectives, and H2OHHH!. The Recycling and Waste Reduction District of Porter County also reached students with the following programs: Household Hazardous Waste, Pollution Town, and Water Watchers. In 2009 the IDNR Coastal Program continued to train volunteers for the Hoosier Riverwatch Volunteer Water Quality Monitoring Program. In 2010 Joe Exl was hired directly for the MS4 Community Partnership and he continued with the trainings.

- 6) The MS4 Community Partnership exists to avoid duplication of efforts among 22 MS4 entities in Lake and Porter Counties. By contracting with NIRPC, consistent messaging and economies of scale improve the success of outreach programs. Also, NIRPC is able to work with the Lake Michigan Coastal Program, Solid Waste Management Districts and other partners to further avoid duplication of effort in the arena of public education on water quality, non-point source pollution, and storm water runoff.
- 7) The MS4 program information is located on the NIRPC Environmental Department website. The address is <http://nirpc.org/environment/MS4.htm>. NIRPC currently does not track website hits. The MS4 Program started a 6 month on-line advertising campaign at [www.nwitimesonline.com](http://www.nwitimesonline.com) that provided data on how many click-throughs are received. NIRPC has also updated its website to include links to the MS4 communities' water web pages. The MS4 Program also had a campaign on the yahoo website and with Viva.
- 8) A Regional Water Quality Survey was completed in September 2007 by ETC Institute. The purpose of the survey was to provide a benchmark to gauge the effectiveness of regional and local public outreach campaigns on water quality issues in the region. A RFP for the follow up to the 2007 survey went out. Kerr & Downs has been selected for the 2010 survey and a draft is being finalized.
- 9) Based on the September 2007 survey, 70% of respondents thought stormwater did not go directly to lakes/streams without treatment, 50% thought the way they cared for their home had little or no effect on the quality of water in lakes and streams in the community where they live; and 55% of those surveyed thought that industrial facility discharges were not the greatest contributor of pollution to lakes, rivers, and streams.
- 10) In 2009 and 2010 produced and/or purchased and distributed the following: 20,000 pens with water saving mowing tips, 10,000 kid's coloring and activity books from the Project WET series, 4,000 "Every Drop Counts" informational rain gauges, 250 rain garden brochures and planting instructions, 7 Simple Steps Bookmarks, 5,000 4 simple steps to clean water handout, 1500 spill/leak proof gas cans, 2,500 "After the Storm" brochures, Construction Field Guides, 41 Great Lakes Alliance Curriculum Books, 25,000 activity placemats, and 5,000 Citizen Guides to the MS4 Program. The partnership also purchased a mascot and had a name the water drop contest. Splash was picked as the mascot's name and he has been in high demand for public events.
- 11) In 2009 we purchased 6 monthly "advertorial" columns in the Post-Tribune. In 2010 the paid Post-Tribune monthly advertorials were dropped in favor of free monthly editorial space in the NWI Times, thus spreading similar messages to a different subscriber base. Throughout both years we inserted ads in various special inserts and publications of the Northwest Indiana Times and Post Tribune including NWI Now, NWI Parent, VIVA (Spanish), Earth Day, Home and Garden, Bass Pro Fishing Section, County Fair sections and others.
- 12) The primary "economic incentive" utilized by the MS4 Community partnership is the gas can exchanges conducted with the Household Hazardous Waste collection days scheduled by the Lake Michigan Household Hazardous Waste District. Citizens wishing to receive a free new spill, leak, and vapor proof gas can turn in an older can in exchange. In addition to providing an incentive for the gas can turn in, radio publicity of the gas can exchanges also has increased resident participation in the Hazardous Waste



Collections. The partnership also handed out 300 Family Express car wash coupons with an MS4 message at various events in 2009 which had a good return rate per Family Express.

13)

**BMPs Implemented**

Education Stormwater Outreach:  
Mascot:  
Web Page:  
increase traffic to website  
Newspaper:

Storm Drain Marking:

Promotional Giveaways:

Adopt-a-beach Trainings  
Green Infrastructure  
Good housekeeping  
Smart Growth

**2009 Goal**

Provide speakers and presentations at community and public meetings.  
To purchase and name the mascot.  
Increase relevance of website to citizens,  
Water Quality Insert,  
Increase newspaper advertising based on survey results.  
Monitor tests of Commercial Drain Markers, continue to encourage stenciling projects.  
Rain gauges, Pens, Placemats, 4 steps to cleaner water handout, Citizens guide to MS4, After the Storm handout, Household Hazardous Waste Collection schedule, Project WET activity books, Promotional Materials with a water quality connection and benefit  
Two workshops April 14<sup>th</sup> 2009, September 1<sup>st</sup> 2009,  
Two workshops March 17<sup>th</sup> 2009, June 10<sup>th</sup> 2009  
Three workshops April 1<sup>st</sup> 2009, April 8<sup>th</sup> 2009, April 23<sup>rd</sup> 2009  
One Sensible Tools Workshop, November 4, 2009

**BMPs implemented**

Education Stormwater Outreach:  
Mascot:  
6 times.  
Web Page:  
Newspaper:

Storm Drain Marking:

Promotional Giveaways:

Outreach for Teachers  
Adopt-a-beach Trainings  
Illicit Discharge Detection and Elimination

**2010 Goal**

Provide speakers and presentations at community and public meetings.  
Increase the MS4 publicity by using Splash at least  
Increase relevance of website to citizens, increase traffic to website, upgrade website so that we are able to track the number of hits.  
Water Quality Insert,  
Increase newspaper advertising based on survey results.  
Purchase 220 stencils and handout stencils, continue to encourage stenciling projects.  
Rain gauges, Pens, Placemats, 4 steps to cleaner water handout, Citizens guide to MS4, After the Storm handout, Household Hazardous Waste Collection schedule, Project WET activity books, Promotional Materials with a water quality connection and benefit  
One workshop April 28<sup>th</sup> 2010, July 21<sup>st</sup> 2010  
One workshop April 13<sup>th</sup> 2010  
One workshop June 28<sup>th</sup> 2010,

## **Report Form Box 9( b). Public Involvement and Participation:**

(b)

- 1) Kathy Luther, Director of Environmental Management at the Northwestern Indiana Regional Planning Commission is responsible for overseeing the regional public participation and involvement program for the 22 entities listed on page 1.
- 2) The MS4 Community Partnership works with local Watershed Groups generally through participation in regional Watershed Roundtable meetings and keeping close contact with active groups such as Save the Dunes Conservation Fund
- 3) We did not apply for 319 Grant Funding for any MS4 Projects due to required permitted activities not being eligible for funding in that program. In the 2010 Funding Cycle we have applied for 319 Grant Funding for Watershed Planning in the Hart Ditch/Plum Creek Watershed but the activities will be planning well above and beyond the MS4 Requirements.
- 4) NIRPC conducted, participated in, or promoted multiple training workshops in 2009 and 2010. In March and June of 2009 Green infrastructure workshops were held. In April of 2009 three Good Housekeeping workshops were held in Lake Station, Dyer, and Cedar Lake. We also promoted Indiana participation in the Alliance for the Great Lakes "Adopt a Beach" program April and September of 2009 two Adopt-a-beach workshops were held and another adopt-a-beach workshop occurred in April of 2010. Also in April of 2010 an Alliance for the great lakes teacher training took place at NIRPC. An IDDE workshop was held in June of 2010. In addition the MS4 Community Partnership worked together with the Lake Michigan Districts Household Hazardous Waste Program to promote 18 Household Hazardous Waste Collections from March through October 2009 and April through June 2010.
- 5) 69 People attended the Green infrastructure workshops, 23 attendees were at the Good Housekeeping workshops, 16 people attended the Adopt-a-beach workshops and 41 were at the teacher workshops for a total of 149 trained. 21 Teams participated in Adopt-a-Beach clean-ups. 300 Residents of Porter county purchased subsidized rain barrels from Save the Dunes Conservation Fund.
  - 6) NIRPC did not engage in volunteer water quality monitoring. However, volunteer water quality monitoring was conducted by others in the area. Six sites in Lake and Porter County received volunteer monitoring attention and have data entered in the Hoosier Riverwatch On-line
  - 7) Database in 2009 and 2010.
- 7) Storm Drain Stencils were ordered and handed by the partnership in 2009 and 2010 they continue to be utilized by various communities.
- 8) The NIRPC/NWI MS4 Community Partnership has not established a regional citizen watch group to identify polluters due to the decision that jurisdictional issues would make this more confusing to the public.
- 9) The NIRPC/NWI MS4 Community Partnership hosted teacher workshops in April and July of 2010 in partnership with the Alliance for the Great Lakes. The workshop was for formal and non-formal educators. 41 people attended this workshop. The Indiana Dunes Environmental Learning Center, located in Porter County provides several environmental science teacher training workshops throughout the year to teachers in our communities and the region.
- 10) The NWI MS4 Community Partnership partnered with the Porter County Soil and Water Conservation District in Porter County to have a booth at the 2009 Porter County Fair. The MS4 Partnership also worked with the Master Gardeners on various rain gardens.

11) The NIRPC/NWI MS4 Community Partnership partnered with the Lake County Solid Waste Management District. We partnered with the Recycling and Waste Reduction District of Porter County to provide exhibits and a radio live remote at an Earth Day Event at Sunset Hill County Park in Porter County in April 2009 and 2010. We also attended and had a booth at the 2009 Schererville festival.

12. The program partners with the Lake Michigan Household Hazardous Waste District to promote collection days in MS4 Partnership communities through live radio remotes and broad distribution of the collection day schedule. We also conduct gas can exchanges at these events.

13) There were 18 HHW collection days in MS4 Communities from March through October of 2009 and April through June of 2010. The type and amount of materials collected can be found on Table 3.

14) 4,856 residents participated in the HHW collections in MS4 Partnership Communities. This represents approximately 1.3 % of the 275,000 households in Lake and Porter County.

15) There are twenty seven facilities located in the MS4 Partnership communities known by the county SWMDs to accept public automotive materials such as fluids, tires, or batteries for recycling or proper waste disposal. Location details are presented in the attached Table 4.

16) Public Involvement

**BMPs Implemented**

**Goals**

Construction Site and Erosion Control Workshops  
 Good Housekeeping Workshops

One Workshop November 2009  
 3 Workshops

- April 1<sup>st</sup> 2009
- April 8<sup>th</sup> 2009
- April 23<sup>rd</sup> 2009

Teacher Workshop

2 Workshops

- April 28<sup>th</sup> 2010
- July 21<sup>st</sup> 2010

Community Cleanup Days  
 2009

International Coastal Cleanup September

HHW Cleanups  
 Adopt-a-beach

Three workshops

Increase Participation

- April 14<sup>th</sup> 2009
- September 1<sup>st</sup> 2009
- April 13<sup>th</sup> 2010

Green Infrastructure

Two workshops

- March 17<sup>th</sup> 2009
- June 10<sup>th</sup> 2009

Illicit Discharge Detection and Elimination

One workshop June 28<sup>th</sup> 2010

**TABLE 1: NIRPC Regional MS4 Community Partnership Program Scope of Work**

Minimum Control Measure 1 - Public Education and Outreach	Yearly # Goal	Estimated Materials Cost	Staff Hours	Est. NIRPC Costs	Comments
<b>Task</b>					
<b>Classroom Youth/Activities</b>			<b>Env. Ed</b>		
Conduct, Partner, Promote Teacher Training Workshops	2	\$ 2,400.00	70	\$ 3,385.42	Except for Year one, GL books already bought, subs.
Visit Classrooms or Student Groups per Community Requests	24		120	\$ 5,803.58	Materials from below
Partner with others for County level Water Camps	2		165	\$ 7,979.92	
Collecting, reporting activities from other Env. Educators & Partners	1		70	\$ 3,385.42	
<b>Classroom Subtotal</b>			<b>425</b>	<b>\$ 20,554.34</b>	
<b>New Materials</b>			<b>Interns</b>		<b>Creating New Educational Materials</b>
Develop Spanish MS4 Brochures	3		30	\$ 759.62	3 Core Documents to be translated
<b>Print &amp; Distribute brochures and materials</b>			<b>Env. Sec.</b>		<b>Original allotments of materials would be assigned on per capita percentage basis, after April each years, unclaimed allotments revert to the Partnership</b>
Distribute 7 Simple Steps to Clean Water Placemats	25000	\$ 2,000.00	14	\$ 583.42	
Distribute Rain Gauges	2000	\$ 5,000.00	14	\$ 583.42	
Distribute Interpretive Pens	10000	\$ 4,000.00	14	\$ 583.42	
Distribute Bookmarks	20000	\$ 2,000.00	14	\$ 583.42	
Distribute 4 Step Brochure	5000	\$ 1,500.00	14	\$ 583.42	
Distribute Citizen's Guide to MS4 Program (English)	5000	\$ 1,800.00	14	\$ 583.42	
Distribute Citizen's Guide to MS4 Program (Spanish)	500	\$ 373.00	14	\$ 583.42	
Distribute After The Storm	2500	\$ 1,800.00	14	\$ 583.42	
Distribute HHW Brochure/Schedule	3000	\$ 2,250.00	14	\$ 583.42	
Distribute Calendars	5000	\$ 5,000.00	14	\$ 583.42	
WET Books	5000	\$ 6,250.00	14	\$ 583.42	
<b>Educational Materials Subtotal</b>		<b>\$ 31,973.00</b>	<b>184</b>	<b>\$ 7,177.24</b>	
<b>Media</b>			<b>Env. Dir., Env Ed.</b>		
Broadcast Radio PSAs (Radio One, Lakeshore FM) with HHW Events		\$ -		0	Est \$20,000/year. Not budgeted per Workgroup Request
Submit Newspaper NIE Inserts (NWI Times)	1	\$ 8,000.00	70	\$ 3,385.42	Fall Educational Insert
Submit Online News Insert (Times Online)	12	\$ 16,800.00	3	\$ 2,939.51	approx \$1400/month + creative time
Newspaper Paid Advertising (Post Tribune)	6	\$ 3,000.00	3	\$ 1,469.76	
Full Year Billboard Campaign		\$ -		0	Est \$36,000/year campaign @ \$3000/month. Not Budgeted per workgroup Request
Full Year Comcast Campaign		\$ -		0	Est \$85,000/year campaign @ \$7000/month
Movie Theaters	6 months	\$ 16,200.00	12	\$ 979.84	Est \$2700/month for 3 theatres + creative time
NWI Times Monthly Editorial Writing			60	\$ 4,899.19	
<b>Media Subtotal</b>		<b>\$ 44,000.00</b>	<b>148</b>	<b>\$ 13,673.71</b>	
<b>Public Events, Meetings, and Workshops</b>			<b>Env Educ</b>		
Prep and Attend Lake County Fair	1		35	\$ 1,692.71	Attend for 7 days @ 4 hours per day + prep time
Prep Attend Porter County Fair	1		35	\$ 1,692.71	Attend for 7 days @ 4 hours per day + prep time
Update Displays for MS4 Community Check-out	2		20	\$ 967.26	
<b>Community Presentations</b>			<b>Env Dir</b>		
City/Town Council Presentations	10		20	\$ 1,633.06	per request
<b>MS4 Training &amp; MCM Workshops</b>			<b>Env Ed. &amp; Sec</b>		
Plan, Setup and Facilitate MCM Based Regional Workshops	2		200	\$ 9,672.63	
<b>Meetings &amp; Events Subtotal</b>			<b>310</b>	<b>\$ 15,658.38</b>	
<b>MS4 Website</b>			<b>Env Educ</b>		
Update Website Content(ongoing)	1		100	\$ 4,836.31	

**MCM 1 Public Education Total**

**Estimated** **\$ 75,973.00** **1167** **\$ 61,899.99** **\$** **137,872.99**

1/1/2010  
Northwestern Indiana Regional Planning Commission  
MS4 Community Partnership  
2010-2015 NIRPC Scope of Work

Minimum Control Measure 2 - Public Involvement - Regional	Yearly # Goal				Comments
Task	#				
<b>MCM 2 Materials</b>			<b>Env. Sec</b>		
Obtain and Distribute Group Storm Drain Stencils	100	\$ 1,300.00	15	\$ 625.09	
Car Wash Coupons	1000		20	\$ 833.46	Vendor Partnerships: No Cost?
<b>Materials Subtotal</b>		<b>\$ 1,300.00</b>	<b>35</b>	<b>\$ 1,458.55</b>	

MS4 Partnership Participation in Regional Scale Public Involvement Activities and Events	Yearly # Goal				
			Env. Ed		
Prepare for and Attend LCSWMD HHW Events /Gas Can Exchanges	10	\$ 500.00	70	\$ 3,385.42	
Promote Existing Adopt a Beach & Stream Programs	1		30	\$ 1,450.89	
Promote Existing Hoosier Riverwatch Events with IDNR	1		30	\$ 1,450.89	
Promote Existing Rain Garden Demonstration Projects	1		30	\$ 1,450.89	
Promote Regional Coast Week Events	1		30	\$ 1,450.89	
Promote International Beach Clean up Day & Crew Leader Training Workshops	1	\$ 100.00	35	\$ 1,692.71	
<b>Promoting Regional Participation Subtotal</b>		<b>\$ 600.00</b>	<b>225</b>	<b>\$ 10,881.71</b>	
<b>Survey</b>			<b>Env. Director</b>		
Public #2(2010) & # 3 (2013)		\$ 8,000.00	40	\$ 3,266.12	Contractor =\$20,000 each, annualized over 5 years

<b>MCM 2 REGIONAL Public Participation &amp; Involvement Total Estimated</b>		<b>\$ 9,900.00</b>	<b>300</b>	<b>\$ 15,606.39</b>	<b>\$ 25,506.39</b>
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MS4 Partnership Coordination		Env. Dir, Env Sec, Env Ed.			
MS4 Partnership Quarterly Meetings	4		300	\$ 5,100.70	Includes meeting prep, att. & minutes, variable hours for different staff.
Annual Compliance Reporting	1		100	\$ 5,701.21	Includes variable hours for different staff

<b>Total Regional MCM 1 &amp; MCM 2 Partnership</b>		<b>\$ 85,873.00</b>	<b>1867</b>	<b>\$ 88,308.28</b>	<b>\$ 174,181.28</b>
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**TABLE 2: LOCAL PUBLIC INVOLVEMENT AND**

Minimum Control Measure 2 - Public Involvement and Participation- Local Support	Yearly	Estimated Materials Cost	Staff Hours	Est. NIRPC Costs	TOTAL
Task	# of events per town	New Community Organizer			
<b>MS4 Partnership: MCM 2 Local Public Participation and Involvement Program Support</b>					Need 6-7 Communities on Board to do this, or larger communities with > # events
Create & Implement Local Storm Drain Stenciling Projects	1	\$ 200.00	70	\$ 3,190.39	
Create & Implement Local Rain Barrel Retrofit or Rebate Project	1	\$ 3,500.00	70	\$ 3,190.39	1 RB Project materials = \$500 tools + 100 Barrels @ \$30 subsidy or \$30 retrofit kit
Create a local Adopt a Stream project	1		70	\$ 3,190.39	
Create and implement local litter clean up project	1	\$ 500.00	70	\$ 3,190.39	
Create a local Rain Garden project	1	\$ 2,000.00	70	\$ 3,190.39	
Start a local Beach/Stream Clean Up Project	1		70	\$ 3,190.39	
Subtotal		\$ 2,500.00	280	\$ 12,761.55	1 Event Per Community Cost
<b>MCM 2 LOCAL Public Participation &amp; Involvement SUPPORT Total Estimated</b>		<b>\$ 6,200.00</b>	<b>280</b>	<b>\$ 12,761.55</b>	<b>\$ 18,961.55</b>

Table 3. Household Hazardous Waste Materials Collected

Household Hazardous Waste Materials	Pounds Collected	
	Calendar Year 2009	January through June 2010 *
Acids	3034	780
Hydrofluric Acid	30	NA
Nitric Acid	4	NA
Aerosols	11019	2878
Ammo/Flairs	471	119
Antifreeze	9221	3303
Asbestos	146	NA
Auto Batteries	37395	11700
Batteries -Household	46357	NA
Alkaline Batteries	NA	2391
Lead Acid Batteries	NA	887
Ni-Cad Batteries	NA	219
Calcium Carbide	6	NA
Caustics	2991	765
CFL Bulbs	875	230
Corrosive and Toxic Liquid	552	NA
Cyanide Sol.	NA	5
Cylinders		
CO2 Cylinder	NA	30
Chlorofluorocarbon Cylinders	347	NA
Flammable Cylinders Propane	2091	387
Fire Extinguisher Cyclinders	1000	395
Helium Cylinder	5	34
Oxygen Cylinders	210	NA
Sulfur Dioxide Gas Cylinder	20	NA
Empty Contaminated Drums	324	381
Empty Plastic Gas Cans	1389	628
Flammable Liquid	20044	5922
Flammable Mapp Gas	14	NA
Flammable Solid	551	13
Fluorescent Lamps	5325	1356
Isocyanates	11	NA
Lubricant	1099	NA
Mercury	383	NA
Mercury Compounds	4	NA
Mercury Vapor Lamps	123	113
Metal Powder	116	NA
Nitrocellulose Solution	12	NA

Oil-Contaminated	123	NA
Oil Filters	NA	39
Oil-Waste	55159	17788
Organic Peroxide	55	13
Outdated Meds	2335	869
Oxidizers	1125	420
Paint Related	114162	37349
Metallic Paint	152	295
Latex Paint	2555	NA
Aluminum Paint	241	NA
PCB Lamp Ballasta	705	NA
Pentachlorophenol	9	NA
Pesticides	26424	7056
Propylene Glycol Contaminated	NA	200
Reactives	104	85
Reactives Aluminum Powder	6	6
Reactives Sodium Dithionite	4	NA
Reactives Zinc Phosphide	10	5
Sharps	887	226
Sodium Hydrosulfide	5	NA
Sulfur	6	NA
Toxic Liquid	NA	11
Toxic Solid	25	NA

\* 2010 Report is for January 1, 2009 through June 30, 2010. HHW Collections from July through December 2010 will be presented in the next Compliance Report.



**Table 4: Locations for Citizen Drop Off of Automotive Fluids and Wastes**

Name	Address	City	Material Accepted			
			Oil	Other Fluids	Tires	Batteries
Advance Auto Parts	801 Indian Boundry Road	Chesterton	1	1		1
Advance Auto Parts	914 N. Main	Crown Point	1			1
Advance Auto Parts	725 E. Ridge Road	Griffith	1			1
Advance Auto Parts	9015 Indianapolis Blvd	Highland	1			1
Advance Auto Parts	7872 E. Ridge Rd	Hobart	1			1
Advance Auto Parts	5790 Broadway	Merrillville	1			1
Advance Auto Parts	6125 Central Ave	Portage	1	1		1
Advance Auto Parts	2101 US Hwy 41	Schererville	1			1
Advance Auto Parts	3002 Calumet St	Valparaiso	1			1
Auto Zone	772 Indiana Boundary Rd	Chesterton	1	1		
Auto Zone	219 N. Main	Crown Point	1	1		
Auto Zone	3656 Grant St	Gary	1	1		
Auto Zone	722 E. Ridge Rd	Griffith	1	1		
Auto Zone	9136 Indianapolis Blvd	Highland	1	1		
Auto Zone	704 N Wisconsin	Hobart	1	1		
Auto Zone	6155 Broadway	Merrillville	1	1		
Auto Zone	8130 Colorado St	Merrillville	1	1		
Auto Zone	Central Ave	Portage	1	1		1
Auto Zone	2014 US 41	Schererville	1	1		
Auto Zone	1010 Calumet	Valparaiso	1	1		1
Brown Tire	6755 Melton Rd	Portage	1		1	1
Brown Tire	2404 Calumet Ave	Valparaiso	1		1	1
Division Auto Parts	5000 Central Ave	Portage				1
Duke of Oil	810 E. Ridge Road	Griffith	1	1		
Duke of Oil	10438 Indianapolis Blvd.	Highland	1			
Duke of Oil	3592 N. Hobart Rd	Hobart	1			
Duke of Oil	2080 W. 81st ST	Merrillville	1			
Duke of Oil	449 Ridge Road	Munster	1			
Duke of Oil	Rt 6 & Meridian	Valparaiso	1		1	
Heinold & Feller Tire Co	1707 E. Lincolnway	Valparaiso			1	1
Jiffy Lube	802 Ahrens Rd	Chesterton	1			
Jiffy Lube	309 W. Ridge Rd.	Griffith	1			
Jiffy Lube	2034 US Highway 41	Schererville	1			
Jiffy Lube	9301 Broadway	Merrillville	1			
Jiffy Lube	5920 Broadway	Merrillville	1			
Jiffy Lube	355 Morthland Drive	Valparaiso	1			
Oil Exchange	1498 N. Main St.	Crown Point	1			
Oil Express	9615 Indianapolis Blvd.	Highland	1	1		
Portage Commons Auto Parts	6275 Hwy 6	Portage				1
Portage Tire and Auto Service Inc	3520 Scottsdale St	Portage			1	
Tractor Supply	1056 S St. Rd 2	Valparaiso	1			
Valpo Tire	1250 Horse Prairie Ave	Valparaiso	1		1	1
<b>TOTAL</b>			<b>38</b>	<b>15</b>	<b>6</b>	<b>17</b>

TOWN OF ST. JOHN, LAKE COUNTY, INDIANA

ORDINANCE NO. 1363

**AN ORDINANCE PROHIBITING NON-STORMWATER DISCHARGES TO, AND IMPROPER DISPOSAL OF SUBSTANCES IN, THE STORM WATER COLLECTION SYSTEM OF THE TOWN OF ST. JOHN, LAKE COUNTY, INDIANA AND PROVIDING PENALITIES FOR VIOLATIONS OF SAID ORDINANCE.**

**WHEREAS**, the 1987 amendments to the Federal Water Pollution Control Act, commonly known as the Clean Water Act, established the National Pollution Discharge Elimination System (“NPDES”) program, which program, under its Storm Water Phase II Rule, requires storm water discharges from certain types of urbanized areas; and

**WHEREAS**, the Indiana Department of Environmental Management (“IDEM” has designated the Town of St. John, Lake County, Indiana, as an operator of a municipal separate storm sewer system, commonly referred to as a small MS4, subject to the provisions of 327 IAC 15-13 (Rule 13); and

**WHEREAS**, operators of regulated small MS4s are required to design programs to reduce the discharge of pollutants to protect water quality by implementing a program for the detection and elimination of illicit discharges to the storm sewer system, also referred to as storm water system; and

**WHEREAS**, the Town of St. John, Lake County, Indiana has determined that the uncontrolled discharge of pollutants into the storm water system has an adverse impact upon the water quality of the receiving waters located within the Town of St. John.

**NOW, THEREFORE, BE IT ODAINED** by the Town Council of the Town of St. John, Lake County, Indiana, as follows:

**SECTION ONE:** For purposes of this Ordinance, the following definitions shall apply:

1. Discharge - to send forth or emit;
2. Public Natural Outlet - an area which occurs the conveyance of storm water, including a street, gutter, catch basin, pipe, channel, ditch, conduit, creek, stream and river;
3. Storm Water - water resulting from rain, melting or melted snow, hail or sleet.

**SECTION TWO:** It shall be unlawful for any person to drain, deposit, place or otherwise discharge into any public natural outlet or storm water system within the Town of St. John, Lake County, Indiana, or to cause or permit to be drained, deposited, placed or otherwise discharged into such waters any substance or material other than storm water. Those categories of nonstorm water discharges or flows set forth in 327 IAC 15-13-14(d), as amended, are excepted and exempt from regulation under this Ordinance.

**SECTION THREE:**

Any person found to be in violation of any provision of this ordinance shall be served by the Town of St. John with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease or correct all violations. Failure to comply with such written notice shall constitute a separate violation of this ordinance. Any person who violates any provision of this ordinance shall be subject to a civil penalty of up to Two Thousand, Five Hundred Dollars (\$2,500.00) per day for each day that such person is in violation of this ordinance. The remedies and penalties provided in this Ordinance are not exclusive, and the Town may seek whatever other remedies are authorized by statute, at law or in equity, against any person who violates the provisions of this ordinance.

**SECTION FOUR:**

Any person determined to be responsible, in whole or in part, for a discharge in violation of this Ordinance shall be liable to the Town of St. John for payment of any and all necessary expenses incurred in performing pollution abatement, including but not limited to costs for testing, measuring, sampling, collecting, removing, containing, treating, and disposing of any material.

**SECTION FIVE:**

The Town of St. John may, immediately upon discovering an ongoing or potential discharge of material prohibited by this Ordinance, petition the Circuit or Superior Court of Lake County, Indiana, or the U.S. District Court, for a restraining order and/or temporary and/or permanent injunction to halt or prohibit such discharge.

**SECTION SIX:**

The Superintendent of Public Works, Town Manager, or other duly authorized town employee having proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this ordinance.

**BE IT FURTHER ORDAINED** that if any section, clause, provision, or portion of this Ordinance shall be held to be invalid or unconstitutional by any court of competent jurisdiction, such decision shall not affect any other section, clause, provision, or portion of this Ordinance.

**BE IT FURTHER ORDAINED** that this Ordinance shall take effect and be in full force and effect, from and after its passage by the Town Council of the Town of St. John.

**PASSED AND ADOPTED** by the Town Council of the Town of St. John, Lake County, Indiana, this 21<sup>st</sup> day of October, 2004.

Aye 5 Nay 0

**TOWN COUNCIL, TOWN OF ST. JOHN,  
LAKE COUNTY, INDIANA**

\_\_\_\_\_  
MICHAEL S. FRYZEL, President

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JERRI ANNE TEIBEL, Vice President

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GREGORY J. VOLK, Member

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MARK BARENIE, Member

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CHARLES E. PEARSON, Member

ATTEST:

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SHERRY P. SURY, Clerk-Treasurer

# APPENDIX F

## Active Industrial Facilities

No Active Industrial Sites to Report in St John, IN