



RULE 13 ANNUAL REPORT

State Form 51278 (R3 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:

IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)

Web Access:
<http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html>

NOTE:

- In order to comply with 327 IAC 15-13-18, annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit this form will be considered noncompliance with your permit.**
- For the **first five** (5)-year permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
- In the **second and subsequent** five (5)-year permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage, by 1 and 3 years from the SWQMP – Part C resubmittal date.
- Please type or print in ink.**
- Please answer all questions thoroughly and return the form by the due date.
- Return this form and any required addenda to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

REPORTING YEAR (Check one)

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

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report Completed By: Kathy Luther, Director of Environmental Management, Northwest Indiana Regional Planning Commission
(MS4 Operator — i.e., name of permit holder)

2. Permit Number: **INR**
INR040075, INR040036, INR040054, INR040074, INR040141, INR040101, INR040108,
INR040135, INR040130, INR040124, INR040087, INR040049, INR040017, INR040031,
INR040090, INR040140, INR040115, INR040112, INR040047, INR040079, INR04073,
INR040103

3. Mailing Address
Street Address: 6100 Southport Road

City Of: Portage, Indiana Zip: 46368 County: Porter and Lake
 Town

PART B: GENERAL INFORMATION – CONTACT PERSON

4. Contact Person Name (please print): Kathy Luther

5. Contact Person Title: Director of Environmental Management-MS4 Regional Partnership Coordinator

6. Phone Number: (219) 763-6060

7. Facsimile Number (if applicable): (219) 762-1653

8. E-mail Address (if applicable): kluther@nirpc.org

PART C: CONTROL MEASURE ACTIVITIES

9. For the following items, please provide a summary of control measure activities related to Rule 13 performed during the previous year.

List any updated measurable goals from the SWQMP, compliance activities, BMPs installed or initiated, updated programmatic indicator data, and updated or developed regulatory mechanisms with effective dates.

a. Public Education and Outreach:

- 1) Kathy Luther, Director of Environmental Management at the Northwest Indiana Regional Planning Commission is responsible for overseeing public education and outreach for the permittees listed above in part 2.
- 2) Targeted audiences included the general public, restaurants, car washes, pet owners, home auto maintenance, gardeners, children, teachers, construction site personnel. Tables 1 and 2 list posters printed for local businesses, informational packets distributed at local events. 1020 laminated construction field guides were distributed to local MS4 Programs for use in construction site programs. Approximately 400 field guides were distributed to public libraries for the general public in the MS4 Communities. 2400 informational rain gauges stuffed with educational information and Tip cards were distributed. This represents one percent of the households in Lake and Porter County.
- 3) The public information strategy consists of multi-media approaches including radio, newspaper, and public contact at local community events, and public workshops. Radio messaging was used in conjunction with two county fairs with spots relating to responsible landscaping and water conservation "Our Water, Our Future, Ours to Protect " theme. A 16 page educational water insert "Water, From Here to Eternity" was published in the NWI Times, (daily circulation 90,000 = 37% of households in Lake and Porter County) in conjunction with Coast Week. Two primary themes and logos were used for consistent messaging on all printed materials: "Every Drop Counts" and "Remember, Only Rain in the Drain."
- 4) A stormwater poster drawing contest was conducted and advertised multiple times to schools and summer care programs throughout the region. Approximately 30 posters were received and 12 selected for a 2008 Clean Water Calendar to be distributed in 2008. In addition the NWI Times insert referenced above was produced with the NWI Times "Newspapers in Education" Program. This insert was made available for use in approximately 500 classrooms reaching approximately 15,000 students in the MS4 Community Partnership area.
- 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.
- 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.
- 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. The intention of the group is to conduct follow-up surveys every 2-3 years using the same consultant.
- 9) Several questions in the survey covered citizen awareness of stormwater quality issues. Some sample results are: 50% of those surveyed 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; 45% of those surveyed thought that industrial facility discharges were the greatest contributor of pollution to lakes, rivers, and streams; and 30% of respondents thought stormwater goes directly to lakes/streams without treatment.
- 10) We have produced and/or purchased and distributed the following: pens, kid's coloring and activity books from the Project WET series, "Every Drop Counts" informational rain gauges, rain garden brochures and planting instructions, 7 Simple Steps Bookmarks, spill/leak proof gas cans, beach safes, "After the Storm" brochures, Construction Field Guides, Great Lakes Alliance Curriculum Books, and more recently Citizen Guides to the MS4 Program. Materials were assembled into packets for children, gardeners, teachers, and the rain gauge boxes were also used as brochure distribution vehicles. In total 675 child packets, 41 teacher packets, 64 gardener packets, 1000 beach safes and approximately 2400 rain gauges were distributed public festivals and events.
- 11) MS4 Related articles are listed as follows: NWI Times: August 4 2007 "Dyer pizza parlor incorporates unique feature" (rain garden article), June 13, 2007 "Design, build a garden to collect rain," June 25, 2007 "Clean storm water in a garden," January 25, 2007 "Council tightens runoff regulations" (Highland), Feb 8, 2007 "Town Council clarifies water bill fee." Chesterton Tribune: March 20, 2007 "Listen_for_save_the_dunes_council stormwater PSAs on radio."
- 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.
- 13)

BMPs Implemented	Goal
Education Stormwater Outreach:	Increase MS4 visibility at 10 community events.
Web Page:	Measure hits on Stormwater Pages.
Newspaper:	Broad Printing of Water Quality Insert
Storm Drain Marking:	Provide English and Spanish Stencils or Storm Drain Markers for Public Involvement Activities
Promotional Giveaways: Rain gauges, Beach Safes:	Use Promotional Materials with a water quality connection and benefit
Outreach for Commercial Businesses:	70% of target audience posters displayed at businesses.
Outreach for Homeowner Education:	70% of Pet Waste, Car Wash, and Lawn Care posters displayed. Two resident oriented workshops.

b. Public Involvement and Participation:

- 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) We partnered with the Save the Dunes Conservation Fund Dunes Creek Watershed Group to host two rain garden workshops. Save the Dunes planned the garden locations, obtained materials, and solicited volunteers.
- 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.
- 4) Four public participation workshops were held in conjunction with partner organizations. We assisted with holding two rain garden workshops in the Dunes Creek Watershed in conjunction with Save the Dunes Conservation Fund. One workshop was held at the Indiana Dunes National Lake Shore and the other at the Porter County visitor's bureau. We also planned two lawncare and weed identification workshops with the Lake and Porter County Cooperative Extension Offices. The event held at the Lake County Purdue extension office was not successful, and the workshop held at the NIRPC produced six participants.

In addition to the general citizen workshops, two workshops targeting the construction and building industries were held in 2007 in partnership with the Soil and Water Conservation District of Porter County. "Construction Site Stormwater Pollution Prevention" was held on March 20th and "Erosion Control BMPs-Installation and Maintenance Demonstration" was held on March 23.

- 5) A total of 75 people participated in our rain garden and lawncare weed/pesticide identification and control workshops. 92 people participated in the Construction related workshops.
- 6) NIRPC did not engage in volunteer water quality monitoring. However, volunteer water quality monitoring was conducted by others in the area. Six organizations in Lake and Porter County collected volunteer monitoring data and entered it in the Hoosier Riverwatch On-line Database in 2007.
- 7) Storm drain stencils were ordered and are available for communities to use for individual involvement projects. East Chicago has used the stencils. In addition, storm drain adhesive markers are being field tested by other communities.
- 8) The NIRPC/NWI MS4 Community Partnership has not established a regional citizen watch group to identify polluters.
- 9) The NIRPC/NWI MS4 Community Partnership did not host any teacher workshops in 2007. 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 NIRPC/NWI MS4 Community Partnership partnered with the Porter County SWCD for three events related to construction and erosion control programs. The first two were workshops targeting builders, developers, and construction audiences in March 2007. We also provided a venue for the Porter County SWCD and IDEM to conduct a workshop on Site Plan Review for MS4 Operators.
- 11) The NIRPC/NWI MS4 Community Partnership partnered with the Lake County SWMD to equip and staff a large exhibit at the Lake County Fair for ten days. 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 2007.
- 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 10 HHW collection days in MS4 Communities. The type and amount of materials collected can be found on Table 3.
- 14) 3,490 citizens participated in the HHW collections in MS4 Partnership Communities. This represents approximately 1.4 % of the population of 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. Locational details are presented in the attached Table 4.

16) Public Involvement BMPs Implemented	Goals
Rain Garden Planting Workshops	Two Workshops
Construction Site and Erosion Control Workshops	Two Workshops
Community Cleanup Day	International Coastal Cleanup
Citizen Attitude Survey	Conduct a Professional Baseline Survey

c. Illicit Discharge Detection and Elimination:

d. Construction Site Storm Water Run-off Control:

e. Postconstruction Storm Water Management in New Development and Redevelopment:

f. Pollution Prevention and Good Housekeeping for Municipal Operations:

g. Other controls:

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

11. Provide any data regarding the following programmatic indicators, since the previous annual report (Attach separate sheets as necessary, and indicate, as appropriate, the rationale behind not using a listed indicator):

- i. Number or percentage of citizens that have an awareness of storm water quality issues
30% of survey respondents thought stormwater goes directly to lakes/streams without treatment.
50% thought that their own activities had little impact on water quality.
- ii. Number and description of meetings, training sessions, and events conducted to involve citizens
2 Rain Garden Workshops, 2 Lawn Care Workshops, 2 Construction Site/Erosion Control Workshops, 10 Household Hazardous Waste Collection Days, and 1 Coastal Clean Up event occurred.
- iii. Number or percentage of citizens that participate in storm water quality improvement projects
3,657 citizens participated in events, including HHW Collection Events. This represents approximately 1 - 1.5 % of households in Lake and Porter counties.
- iv. Number and location of storm drains marked or cast
- v. Estimated linear feet or percentage of MS4 conveyances mapped
- vi. Number and location of MS4 area outfalls mapped
- vii. Number and location of MS4 area outfalls screened for illicit discharges
- viii. Number and location of illicit discharges detected
- ix. Number and location of illicit discharges eliminated
- x. Number of, and amount of material collected from, HHW collections
See Table 4.
- xi. Number and location of citizen drop-off centers for automotive fluids
There are 22 businesses in Lake and Porter County where citizens can drop-off automotive fluids.
- xii. Number or percentage of citizens that participate in HHW collections
3,490 Residents participated in HHW Collections in the 22 MS4 Partnership Communities.
- xiii. Number of construction sites permitted for storm water quality
- xiv. Number of construction sites inspected
- xv. Number and type of enforcement actions taken against construction site operators
- xvi. Number of public informational requests received related to construction sites
- xvii. Number, type, and location of structural BMPs installed

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

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

- xx. Type and location of nonstructural BMPs utilized

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

- xxii. Estimated acreage or square footage of mapped pervious and impervious surfaces

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

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

- xxv. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity

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

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

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

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

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

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

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

- xxxiii. Estimated amount of material collected from street sweeping

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

- xxxv. Other

12. On-Going Water Quality Characterization Activities

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

b) Other:

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

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

15. Identify any non-routine (i.e. do not include routine maintenance or cleaning) budgetary transactions related to your permit. List all storm water improvement projects started during this reporting period.

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

17. Implementation status:

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

Yes No*

* If no, explain:

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

Yes No*

* If yes, explain:

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

Yes No*

* If no, explain:

PART E: CERTIFICATION AND SIGNATURE

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

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

Type or Print Name: _____

Signature: _____

Date: _____
(mm/dd/year)