



# Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

### For questions regarding this form, contact:

IDEM Office of Water Quality , Storm Water Program  
MS4 Coordinator  
100 North Senate Avenue, Room 1255  
MC 65-42  
Indianapolis, IN 46204-2251  
Telephone: (317) 234-1601 or  
(800) 451-6027, ext. 41601 (within Indiana)  
Web Access: <http://www.IN.gov/idem/4900>

- NOTE:**
- Annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit the annual report is 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.
  - 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 attachments to the IDEM Storm Water Program, MS4 Coordinator at the address listed in the box on the upper-right.

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term	<b>Permit Year <u>2010 and 2011</u></b>
<input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 MS4s in their first permit term must submit reports annually. MS4s that are in subsequent permit terms must submit in years 2 and 4 of the permit term.

## PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Permit Number: <b>INR 0 4 0 0047</b>	<b>Type of MS4:</b> <input type="checkbox"/> City <input checked="" type="checkbox"/> Town <input type="checkbox"/> County <input type="checkbox"/> Non-traditional		
2. MS4 Entity: Town of St John <i>(Name of permit holder)</i>			
3. MS4 Operator: Steve Kil			
4. Mailing Address: 10955 W 93 <sup>rd</sup> Ave St John, IN	ZIP: 46373	County: Lake	
5. Email Address: stevekil.tm@stjohnin.com			

## PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator <i>(please print)</i> : Tom Redar			
7. Person's Title: Public Improvments Inspector			
8. Mailing Address: 10955 W 93 <sup>rd</sup> Ave St John, IN	ZIP: 46373		
9. Telephone Number: 219-365-6465 option 5			
10. E-mail Address: tredar@stjohnin.com			

## PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name: Steve Kil, Tom Redar, Jason Dravet <i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>			
12. Affiliation with the MS4: Steve Kil, Town Manager; Tom Redar, Public Improvements Inspector; Jason Dravet, IT Director			
13. Mailing Address: 10955 W 93 <sup>rd</sup> Ave St John, IN	ZIP: 46373		
14. Telephone Number: 219-365-6465	Extension: 1		
15. E-mail Address: jdravet@stjohnin.com			

**PART D: PROGRAM MANAGEMENT**  
**327 IAC 15-13-18**

**16. Provide a summary of the following program management activities performed during the reporting period:**

- a) If this is a co-permit, list all permittees and operators responsible for permit implementation for each entity.  
DOES NOT APPLY
- b) Identify changes to the MS4 area boundaries, including areas added to or lost to the MS4 area via annexation or other similar means. Provide a current map (8.5" X 11" or 8.5" X 14")  
DOES NOT APPLY
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.  
DOES NOT APPLY
- d) Provide updated receiving water information completed during the reporting period if applicable.  
DOES NOT APPLY
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.  
CUMM SEWER
- f) Provide a list of new active industrial sites identified during this reporting period.  
NONE
- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.  
NONE
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.  
Car in Louis Estates Retention Pond  
A person fleeing the St John Police Department went into a Retention Pond in Louis Estates when the car hit a patch of ice. The town had a contractor clean up the pond. The report is on file with the St John Police Department.  
Algaecide in Retention Pond to Dyer Ditch  
A group of homeowners decided they wanted to treat pond in their backyards as it was full of algae. They went to the local home center and purchased an Algaecide and didn't read the instructions. It was an environment friendly algaecide but it did turn the water green. The resident contacted Doug Wolf who contacted Tom Redar who resolved the situation along with the local IDEM office. The algaecide is called Aquashade.
- i) Other:

**PART E: PUBLIC EDUCATION AND OUTREACH - MINIMUM CONTROL MEASURE**

**17. Identify the best management practices (BMPs) for public education and outreach included in your Storm Water Quality Management Plan (SWQMP) Part C and then respond to the following:**

- a) Identify progress made towards development and implementation of each BMP for this minimum control measure (MCM) including timetables and measurable goals during this reporting period.  
SEE BELOW
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.  
SEE BELOW
- c) Describe program BMPs that went beyond those identified in the SWQMP.  
SEE BELOW
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.  
SEE BELOW
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
SEE BELOW
- f) Other:  
SEE BELOW

a) Progress made toward development and implementation of each Public Education and Outreach BMP the NWI Clean Water Partnership is responsible for is presented in Attachment A.

b) The NWI Clean Water Partnership primarily uses statistically valid public surveys to evaluate effectiveness and inform any decisions to change program elements. In 2007, The Northwestern Indiana MS4 Community Partnership (now the NWI Partnership for Clean Water) undertook a regional water quality survey. 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. During the first part of the reporting cycle the NWI Clean Water Partnership had a heavy focus on brochures. The brochures were used to help with public education about stormwater, what an MS4 is and how to keep stormwater clean. While the brochures were handed out the Partnership began to feel that there were other ways that the public could get this information.

In 2010 another survey was done to compare the results of the 2007 survey. Phone calls were made to landline and cell phones to 607 residents in the NWI Partnership for Clean Water region. The results of this survey indicated that the brochure and event outreach was not

terribly effective. MS4 Members also experienced difficulty giving away brochures. As a result in 2011 and 2012 shifted resources and focus to social media such as Splash's Facebook page, updating the website, and increasing more radio spots, online advertising and newspaper articles.

Over the course of the reporting period, the Partnership experienced barriers to county fair participation. The original strategy was designed to focus on Lake and Porter County Fairs due the large regional attendance and ability to reach residents of all communities at two venues. Annual increases in booth rental prices and required booth staffing hours combined with the poor quality of the public interaction made fair participation infeasible and ineffective. In calendar year 2012 the Partnership returned to placing public outreach at individual town festivals and environmentally related community events.

c) The following workshops and events were above and beyond the specific topics or BMPS specifically identified in the Scope of Work for the NWI Partnership for Clean Water.

#### 2010 Illicit Discharge Detection and Elimination Workshop

The Partnership hosted an IDDE workshop. An introduction and back ground on rule 13 was given, field assessment protocols were discussed and a roundtable discussion on local IDDE programs was conducted. The workshop had 32 participants.

#### 2010 Municipal Hoosier Riverwatch Training

In December of 2010 the Partnership hosted a Hoosier Riverwatch workshop for municipal employees. Participants learned how to assess stream quality based on water chemistry, habitat, and biological parameters. At the end of the training a test was given. The workshop had 11 participants that became certified Hoosier Riverwatch volunteers.

d) Sample Storm Water BMPs were award as prizes as follows.

- 2010 Two rain barrels were raffled off at the Lake Co. and Porter Co. fairs to promote rain barrel installation.
- 2011 Two Scotts Turf Builder Classic Drop spreaders along with phosphorous free fertilizer were raffled off to promote proper use of lawn chemicals.

In order to enter these drawing for each of the items the public had to fill out a questionnaire about water quality and give their contact information if they wanted to be on the Partnership distribution list.

The following workshops promoting BMPs were initiated by the Partnership.

#### 2010 Rain garden

In July of 2010 a rain garden and prairie maintenance meeting was held. A total of 13 people were in attendance. Rain garden handouts were handed out and a presentation was given.

#### 2010 Alliance for the Great Lakes Teacher Training

In July of 2010 the NWI Partnership for Clean Water partnered with the Alliance for the Great Lakes to have a teacher training. The workshop trained the K-8th grade teachers on the Adopt-a-Beach training and how to use the Great Lakes in My World curriculum book. The workshop had 19 participants.

#### 2010 Municipal Hoosier Riverwatch Training\*\*Above and Beyond

In December of 2010 the Partnership hosted a Hoosier Riverwatch workshop for municipal employees. Participants learned how to assess stream quality based on water chemistry, habitat, and biological parameters. At the end of the training a test was given. The workshop had 11 participants that became certified Hoosier Riverwatch volunteers.

#### 2012 Hobart Environmental Celebration

A booth was setup and handouts were given away at the Hobart event. Coloring books, pens, crayons, and a Citizen's guide to MS4 were part of the handouts that the public took with them.

#### 2012 Group Inspector Meeting

In October of 2011 a group inspector meeting was hosted by the Partnership. The mission of the group, new goals, self-monitoring and a roundtable discussion was talked about. The Meeting had 23 participants.

#### 2012 Gary Railcats Game

In June a water quality booth was set up at a Railcats game to help promote the Partnerships message about clean water. Coloring books, crayons, pens, placemats and bike maps were handed out.

#### 2012 Lawn Care Workshop

In February of 2012 a Lawn Care workshop was hosted by Save the Dunes in Valparaiso. NIRPC gave a presentation on storm water runoff and watershed health. The workshop had 20 participants.

#### 2012 Earthday Event

A Lawn to Lake booth was setup and educational materials were provided on environmentally friendly lawn care practices at the Porter County 2012 Earthday Event. Over 200 contacts were made.

#### 2012 Natural Lawn Care Workshop

In March of 2012 a Natural Lawn Care workshop was held at Indiana University Northwest by the Safer Pest Control Project. The workshop focused on natural alternatives to conventional lawn care practices to protect water quality. The workshop had 20 participants.

#### 2012 Green Infrastructure Workshop

In May of 2012 a Green Infrastructure workshop was held at NIRPC. The workshop, sponsored by NOAA, DNR Coastal Program and NIRPC, focused on the benefits of incorporating green infrastructure at the local and regional scale to improve community resiliency. The workshop had 35 participants.

e) The NWI Partnership for Clean Water partnered with the National Parks Service, Porter Co. Solid Waste, IUN, and The Alliance for the Great Lakes to put on the following successful workshops and presentations. A barrier that the NWI Partnership for Clean Water faces is

attendance in teacher trainings and Adopt-a-beach clean ups. The events were advertised numerous times in the newspaper and on the radio but had poor turnout. Another ongoing barrier to partnerships is the unevenness of partner capacity and interest between some traditional partners in Lake and Porter Counties. County based organizations have difficulty working across county lines, this makes it difficult to perform some activities uniformly in all geographic areas of the partnership. This barrier is further exacerbated by uneven participation of the MS4 Partners themselves in meetings, and in utilizing the partnership services. A table summarizing MS4 Participation in planning meetings is presented below.

#### 2012 Healthy Water Healthy People

In May of 2012 the NWI Partnership for Clean Water partnered with the National Park Service to host a Healthy Water Healthy People workshop. The workshop had 20 participants.

#### 2012 What is the NWI Partnership for Clean Water Presentation.

In July of 2012 a presentation to a class of 19 teachers at IUN was given. The teachers did a few activities, a presentation about the partnership was given, and handouts about the partnership were passed out.

#### Great Lakes in My World Teacher Training

Two training will be given in the 2012 calendar year, October 19th and November 17th.

#### Project WET

A Project WET training will take place on October 27th 2012.

#### Adopt-a-Beach

The Partnership will be cleaning up a beach September 15th of 2012. A Radio remote was scheduled.

#### School Stormwater & Water Quality Programs

The Northwest Indiana Partnership for Clean Water participated in a variety of stormwater and water quality educational programs in local schools. Programs were held both in-class and at outdoor locations. Students gained hand on experience in assessing water quality based on water chemistry, stream habitat and macroinvertebrates. Students learned about nonpoint source pollution and watersheds with activities based on the EnviroScape watershed model.

- November 2 & 3, 2010- Liberty Intermediate School
- March 22 & 24, 2011- Liberty Intermediate School
- April 28, 2011- Central Elementary School
- May 10, 2011- Chesterton Middle School Field Day
- July 12, 2011- Indiana Dunes National Lakeshore Teacher Workshop
- December 2, 2011- Chesterton High School
- February 9 & 10, 2012- Westchester Middle School
- February 13, 2012- Discovery Charter School
- February 23 & 24, 2012- Liberty Intermediate School
- May 22, 2012- Discovery Charter School
- May 23, 2012- Liberty Elementary School
- May 25, 2012- Chesterton Middle School Field Day

#### Partnership Participation:

MS4 Participated in Partnership Planning meetings (8 meetings total) % attended

Lake Co.	8	100%	
Porter Co.	6	75%	
Crown Point	7	88%	
Gary	7	88%	
Hobart	6	75%	
Lake Station	2	25%	
Portage	6	75%	
Valparaiso	7	88%	
Cedar Lake	5	63%	
Chesterton	7	88%	
Dyer	8	100%	
Griffith	6	75%	
Highland	1	13%	
Lowell	2 (Joined Partnership in 2011 max total of 6)	33%	
Merrillville	4	50%	
Munster	1	13%	
New Chicago	4	50%	
Porter	8	100%	
Schererville	6	75%	
St. John	3	38%	
NWCD	2	25%	
TWCD	1	13%	
VLACD	7	88%	

f) Based on the results of our public surveys, the Northwest Indiana Partnership for Clean Water has invested considerable resources in Mass Media.

#### Monthly newspaper article

Survey results indicated that 61% of the public thought that stormwater went to treatment plants or that they did not know where it went. The survey indicated that advertisements were one of the preferred media choices for delivering educational messages. The Partnership used this information and now has a monthly article in the newspaper that talks about what you can do to help keep pollution out of stormwater.

#### The Times Online

On-line advertising campaigns through on NWI.com were undertaken at various times throughout the reporting period:

- July 2010- December 2010- 120,000 Impressions per month each with Lake and Porter county editions.
- February 2011 – April -120,000 Impressions per month each with Lake and Porter county editions.
- July 2012 – ongoing : 70,000 banner impressions per month on NWI Times and 34,000 mobile edition impressions.

#### NIE Insert

In September of 2010 and 2011 and June of 2012, The NWI Partnership for Clean Water had a Newspaper in Education insert in The Times. The insert is 16 pages of information and activities for kids to learn about. The insert reaches families and schools all over the Partnership's area. Extra copies of the insert are given to schools and day camps who contact us about wanting more.

#### Northwestern Indiana Regional Planning Commission Website

The NIRPC website has an updated list of all of the participants on it as well as a link to each of the member's city/town website. The NIRPC website also has material and equipment forms on it so that the participants can easily download the form, fill it out and send it back to NIRPC so that they can check out or pickup materials that they need. The news articles that are written, and any answers to the kid's activity placemat can also be found on the website.

#### Radio One

Radio remotes were at 20 gas can exchanges from July of 2010 to July of 2012. Radio spots for each gas can exchange were played for the 7 days leading up to each event. The radio spots played for a total of 140 days.

Radio remotes were also at the Earth Day events and adopt-a-beach events for an additional 28 days.

**18. Identify the best management practices for public participation and involvement included in your SWQMP Part C and then respond to the following:**

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.  
SEE BELOW
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.  
SEE BELOW
- c) Describe program BMPs that went beyond those identified in the SWQMP.  
SEE BELOW
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.  
SEE BELOW
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
SEE BELOW
- f) Other:  
SEE BELOW

a) Progress made toward development and implementation of each Public Participation and Involvement BMP the NWI Clean Water Partnership is responsible for is presented in Attachment A.

b) During this reporting period, the Partnership ordered and distributed Splash storm drain stencils for the purpose of marking storm drains for public participation. However, MS4 members decided that the marking program was not effective. A few communities used the stencils to mark storm drain markers but most of the stencils were not used for their intended purpose of engaging volunteers. Due to the ineffectiveness of the BMP, the Partnership decided that they did not want to continue with it going forward.

In 2011 the Partnership partnered with Family Express Gas Station to hand out car wash coupons. While this BMP seemed effective and coupons were utilized. The program failed to continue in 2012 due to communication problems and possible staffing changes at Family Express. NIRPC will continue to pursue this BMP in the future with both Family Express and other companies.

Due to the challenges and ineffectiveness of the storm drain stencil program, the NWI Partnership for Clean Water invested more heavily in Hoosier Riverwatch as a vehicle for public involvement through volunteer water quality monitoring programs.

c) Increasing the focus on Hoosier Riverwatch and Volunteer Monitoring activities lead to the addition of a volunteer Stream Blitz, a BMP not envisioned in our scope of work and above and beyond the SWQMP. Supplies and equipment for the Stream Blitz were funded with a small grant from the IDNR Lake Michigan Coastal Program. Stream Blitz was a series of events in a concentrated time period where the public was introduced to methods used by volunteers to assess the health of local streams and gain hands on experience in testing water quality with test kits.

- October 26, 2011- Porter County
- October 27, 2011- Lake County
- October 31, 2011- Porter County
- November 3, 2011- Porter County
- November 5, 2011- Porter County

d) BMPs that were initiated during this reporting period are listed in Attachment A. Most of the BMPs consisted of public workshops and events described below:

**Earth Day**

In April of 2010, 2011 and 2012 the Partnership had booth space at the Porter County Earth Day Celebration. Over the past few years the day has grown to reach thousands of people. Splash, the Partnership's mascot spends the day with kids at the event, educational materials are handed out and the enviroscape is used to show residence where stormwater goes.

**September Adopt-a-Beach**

The NWI Partnership for Clean Water partners with the Alliance for the Great Lakes every September to host an Adopt-a-Beach training. After being trained the volunteers then go out on Adopt-a-Beach day and clean up the beach that they have chosen. The Partnership, the last few years has also paid for a radio remote at one of the beaches that is being cleaned up.

**Gary Clean Water Celebration**

On September 11, 2010, NIRPC had booth space at the Gary Clean Water Fair in which the public learned about stream health and water quality monitoring. The public was able to gain hands on experience in using water chemistry test kits and macro invertebrates to assess water quality.

**Hoosier Riverwatch**

The NWI Partnership for Clean Water hosted Hoosier Riverwatch workshops throughout Lake and Porter Counties. The workshops helped to increase awareness of water quality issues and concerns by training the volunteers to monitor stream water quality. Participants received Hoosier Riverwatch volunteer certification and in so doing are eligible to check out test kit loaner trunks, apply for monitoring equipment grants, and enter data on the statewide Hoosier Riverwatch database.

- February 26, 2011- Lake County
- April 16, 2011- Lake County
- April 30, 2011- Lake County

- August 11, 2011- Porter County
- September 11, 2011- Porter County
- April 28, 2012- Lake County
- May 12, 2012- Porter County

**Hoosier Riverwatch Advanced Workshop**

On May 9, 2011 the NWI Partnership for Clean Water hosted an Advanced Hoosier Riverwatch Workshop at NIRPC. Volunteers learned how to use the new graphing tools available on the Hoosier Riverwatch database and further considerations for developing a monitoring program. Participants received a binder with workshop materials. There were approximately 12 participants.

**Stream Blitz**

The NWI Partnership for Clean Water hosted a series of Stream Blitz events where the public was introduced to methods used by volunteers to assess the health of local streams and gain hands on experience in testing water quality with test kits.

- October 26, 2011- Porter County
- October 27, 2011- Lake County
- October 31, 2011- Porter County
- November 3, 2011- Porter County
- November 5, 2011- Porter County

**Household Hazardous Waste and Gas Can Exchange Program**

The NWI Partnership for Clean Water partners with the Lake Michigan Districts Household Hazardous Waste Collection program to hand out gas cans. Participants must bring in one old gas can get receive a new one. In 2010 seven events were attended, in 2011 10 events were attended and in 2012 3 events were attended. In total, 1,140 gas cans were handed out over the entire reporting cycle.

e) The NWI Partnership for Clean Water partnered with the Indiana Dunes National Lakeshore, Indiana Lake Michigan Coastal Program, Porter County Recycling and Waste Reduction District, Lake County Solid Waste Management District, Lake Michigan Districts Household Hazardous Waste Collection Program, Illinois-Indian Sea Grant and The Alliance for the Great Lakes to put on most of the workshops described above. Much effort, discussion, and many meetings took place to increase partnership opportunities between NIRPC as the NWI Partnership for Clean Water program staff and the Lake and Porter County Soil and Water Conservation Districts and Extension offices. These efforts have resulted in limited on the ground successes. Some of the barriers and challenges in this area lie in the unevenness of capacity and differing focus areas in these agencies. County based organizations have difficulty working across county lines, which makes it difficult to perform some activities uniformly in all geographic areas of the partnership. This barrier is further exacerbated by uneven participation of the MS4 Partners themselves in meetings, and in utilizing the partnership services. A table summarizing MS4 Participation in planning meetings is presented below.

**MS4 Participated in Partnership Planning meetings (8 meetings total) % attended**

Lake Co.	8	100%
Porter Co.	6	75%
Crown Point	7	88%
Gary	7	88%
Hobart	6	75%
Lake Station	2	25%
Portage	6	75%
Valparaiso	7	88%
Cedar Lake	5	63%
Chesterton	7	88%
Dyer	8	100%
Griffith	6	75%
Highland	1	13%
Lowell	2 (Joined Partnership in 2011 max total of 6)	33%
Merrillville	4	50%
Munster	1	13%
New Chicago	4	50%
Porter	8	100%
Schererville	6	75%
St. John	3	38%
NWCD	2	25%
TWCD	1	13%
VLACD	7	88%

f) All of the workshops and events that the NWI Clean Water Partnership participates in provide an opportunity to engage and involve residents in things they can do at home to improve stormwater quality. We provide them with quantities of materials and tools to assist them with this.

**Handouts and giveaways**

From July 2010 to July 2012 the following materials have been handed out at events and workshops throughout the 23 participating MS4 communities.

Stress balls	5762
Rain gauges	4578
Placemats	4434
Coloring books	6000
WET books	5000
Citizen guides	4555
After the Storm	2168
IDEM posters	390

**PART G: ILLICIT DISCHARGE DETECTION AND ELIMINATION - MINIMUM CONTROL MEASURE**

**19. Identify the best management practices for illicit discharge detection and elimination (IDDE) included in your SWQMP Part C and then respond to the following:**

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period (mapping, screening, etc.).  
The town has completed the following BMPs:  
Automobile Fluid Drop off  
Pick up leaks and branches  
Sweep the streets.  
The following BMPs are ongoing:  
Conduct dry weather screenings  
Update the stormwater system map  
The town is working towards increasing staffing to provide for part time inspections of potential illicit discharges.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.  
Due to the inability to hire additional staffing, mapping and screening of all outfalls has not been completed, however existing staff is continuing with the program as time and safety permits.
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.  
No changes were made to the IDDE Plan during this reporting period.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.  
No updates or revisions have been made to the IDDE ordinance.
- e) Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.  
Approximately 50% of the field screenings have been completed and all known out-falls have been mapped where safety allowed. It is anticipated that an additional 10% of field screenings will be completed during a calendar year at existing staff levels.
- f) Other:



**PART H: CONSTRUCTION SITE STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE**

**20. List the best management practices for the construction site storm water run-off program identified in your SWQMP Part C and then respond to the following:**

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.  
The implementation of each BMP was accomplished during this reporting period with the exception of the following:  
Education of children at the grade schools  
Formalize and advertise community clean-up programs  
Hiring and training of new staff  
Train staff to conduct ESC Plan Reviews and inspection for post construction BMP control measures  
Due to the frozen tax levy for the all of Lake County government entities the town has been unable to hire addition staff to meet the above referenced BMPs. It is uncertain as a timetable for implementation.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.  
The Town's program partnership is with NIRPC and has seen success in community education and outreach. Barriers include the additional staffing required to expand this program.
- c) Identify the number of construction sites permitted during this reporting period and identify the number and type of enforcement actions taken against construction site operators during the same period.  
No construction sites were permitted during this reporting peirod. Enforcement action was taken against the site operater of the property at the NE corner of US41 and 85<sup>th</sup> Ave. The town is working with the Army Corp of Engineers who is the lead enforcement agency.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.  
NONE
- e) MS4 personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing appropriate control measures, inspection protocol, and enforcement procedures. Identify training provided to MS4 personnel responsible for these activities during this reporting period.  
The town went to the annual meeting in Indianapolis. In addition Tom Redar went to:  
IDDE Workship  
Contech Construction Products  
Stormwater Drainage Conference / Purdue Road School 2010 and 2011  
Storm Water Solutions and Stormwater USA Webinar - Total Maximum Daily Load
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.  
No updates to the stormwater construction ordinance were made during this reporting period.
- g) Other:

**PART I: POST-CONSTRUCTION STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE**

**21. List the best management practices for post-construction storm water run-off control identified in your SWQMP Part C and then respond to the following:**

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.  
Planning and Building guidelines within the town are still under review. The timeline for implemenation will be worked on and should be completed by next permit cycle.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.  
All implementation problems relating to the cleaning of inkelts was due to the inability of adding additional staffing. The minimization of salt was accomplished due to the mild winter conditions.
- c) Describe program implementation partnerships and explain successes and barriers.  
See answer to Part H (b)
- d) MS4 area personnel responsible for implementation of the post-construction minimum control measure shall receive, at a minimum, annual training. Identify training provided for this minimum control measure during this reporting period.  
See answer to Part H (c)
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.  
No updates or revisions to the post-construction storm water ordinance where made during this reporting period.
- f) Other:

**PART J: MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING - MINIMUM CONTROL MEASURE**

**22. List the best management practices for municipal operations pollution prevention and good housekeeping identified in your SWQMP Part C and respond to the following:**

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.  
Street sweeping - Full program was implemented as well as the amount of debris removed was recorded.  
Vacuum manholes, catch basin, inlets an additional 10% of structures were cleaned during this reporting period.  
Minimized salt, sand, pesticide and fertilizer use. The town was able to eliminate the use of sand and minimize the use pesticides and fertilizer.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility as it relates to pollution prevention and good housekeeping at MS4 owned and operated facilities during this reporting period.  
No implemenation problems were encountered related to pollution prevention and good house keeping at MS4 owned and operated facilities.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.  
Hydrocarbon filters were installed in all catch basins adjacent to the MS4 feuling facility. Baskets installed in the inlets adjacent to the bulk material storage facility, emergency spill response plan is in place and all signage has been installed.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.  
All emergency services and public works personel have received training.
- e) Other:

**PART K: CERTIFICATION AND SIGNATURE**

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

*"By signing this 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: Stephen Z. Kil

Signature: \_\_\_\_\_ (mm/dd/yyyy)