



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 checked="" type="checkbox"/> 1st Permit Term	Permit Year <u>2022</u>
<input type="checkbox"/> Second and subsequent five (5) Year Permit Terms	<input checked="" 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:	INR 0 4 0 141	Type of MS4:	
2. MS4 Entity:	City of East Chicago <i>(Name of permit holder)</i>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Town
		<input type="checkbox"/> County	<input type="checkbox"/> Non-traditional
3. MS4 Operator:	Anthony Copeland, Mayor, City of East Chicago		
4. Mailing Address:	4527 Indianapolis Blvd East Chicago, IN ZIP: 46312 County: Lake		
5. Email Address:			

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (<i>please print</i>):	Jose Cisneros		
7. Person's Title:	Sanitary and Stormwater Compliance Manager		
8. Mailing Address:	5201 Indianapolis Blvd. East Chicago, IN ZIP: 46312		
9. Telephone Number:	(219)516-2317		
10. E-mail Address:	jcisneros@eastchicago.com		

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name:	Megan Bolyard <i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>		
12. Affiliation with the MS4:	Consultant with Butler, Fairman & Seufert		
13. Mailing Address:	8488 Georgia Street Suite C Merrillville, IN ZIP: 46410		
14. Telephone Number:	(219) 617-5929	Extension:	
15. E-mail Address:	mbolyard@bfsengr.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.
N/A
- 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")
No changes to report to the MS4 Area Boundary. See attached MS4 Boundary Exhibit.
- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.
No water quality characterization results from sampling or observations made by the Municipality to report. See the updated WQCR for information pertaining to data that is currently available.
- d) Provide updated receiving water information completed during the reporting period if applicable.
Receiving waters remain the same: Indiana Harbor Canal, Grand Calumet River, Lake George Canal, Lake Michigan
- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.
Utility fee
- 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.
East Chicago Marina (INRM01279)
- h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.
To the best of the MS4 Coordinator's knowledge, no complaints were received regarding stormwater management within the MS4. All complaints when received will be inspected and followed-up by the SW Inspector and an inspection report will be completed as noted deficiencies will be reinspected or resolved via most appropriate means.
- i) Other:
NA

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.

The City of East Chicago as due to attrition has fallen behind relative to implementing the Stormwater Management Program for the City's MS4 program. An IDEM Audit was conducted in October 2022. As a result the IDEM MS4 Coordinator identified deficiencies and the East Chicago Stormwater Team has put forth significant efforts to improve and respond to all noted deficiencies. The City MS4 Coordinator, Jose Cisneros, has been in contact with all Department Heads across the City as well as with the Special Events committee as a working cooperative has been established to escalate public awareness and participation by advantaging two planned events as scheduled for 2023. In addition, the the SW related information on the City's website has been updated and will continue to be updated in order to further escalate public awareness and participation. As SW related matters are subject to a SW Board related review and approval, a brief status update was recently presented to the Board Members on the status of the MS4 program within the City. The MS4 Coordinator has also highly supported the hiring of a professional SW services consultant whose primary focus is to assist with the implementation of the corrective action plan which has established specific timelines towards bringing the City into full compliance with the MS4GP. To this end, an updated Stormwater Quality Management Plan has been recently completed and will be submitted to IDEM under a separate correspondence.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.

Although attrition over the near term has highly impacted the City's continued ability to maintain its MS4 related perspective, various steps and significant strides have been recently made to first identify and subsequently address the noted MS4 related complacency as resident within the City as the negative and ongoing impact of Covid has and continues to significantly impact continuity of purpose within its byways as the human resource related consideration has been forced to undergo significant change within all sectors of its existence which further includes the workplace and as this viral dynamic continues to impact how effectiveness and feasibility is measured within an evolving workplace, this newly conceived workplace relentlessly attempts to impactfully reconfigure sustainability or best management practices within a changing business model whose window of opportunity has been re-opened as this renewed spirit within as harbored by the residents within the MS4 will ultimately and collectively embrace change in order to further advance the quality of life which will serve to skew or significantly diminish the applicable learning which will ultimately serve to cultivate and further advance public awareness within the MS4.

- c) Describe program BMPs that went beyond those identified in the SWQMP.

NA

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.

None during this reporting period.

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.

The City of East Chicago is not partnered with any other MS4s, but is participating in Northern Indiana Stormwater Advisory Group meetings and events. The MS4 Coordinator recently hired a new MS4 Compliance Inspector and is planning for the new inspector and themselves to attend the NPDES training for MS4CECI in March 2023.

- f) Other:

The City of East Chicago promoted the Lake, Porter, and LaPorte County Contractor, Developer and Engineer workshop conducted on February 14, 2022.

PART F: PUBLIC PARTICIPATION AND INVOLVEMENT - MINIMUM CONTROL MEASURE

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.
Participative within ongoing efforts to promote and advance contractor and developer attendance of the Annual Contractor and Developer training which was held in Lake County on February 14, 2022. In addition, the City of East Chicago Stormwater Board also holds monthly meetings which are open to the public as conducting SW related business and also advancing public awareness of SW related matters continues to be its principle purpose. The MS4 Coordinator also engages as a participating member within the NISWAG group for training related purposes as well as being a conduit relative to good information share which serves to further advance relevant understandings of best management practices and minimum control measures within a collaborative peer based environment.
- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.
NA
- c) Describe program BMPs that went beyond those identified in the SWQMP.
None during this reporting period.
- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.
NA
- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The Stormwater Coordinator continues to develop the public education components of the program, and will be working to implement the program in 2023 as the ultimate objective is to reach and further advance all residents understandings of MS4 compliance requirements via educational programs which will further provide a dynamic format of options in order to encourage and further promote ongoing public participation
- f) Other:

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 MS4 Coordinator and staff continued to conduct screening of outfalls. Inspecting at least 20% annually. No illicit discharges were identified during calendar year 2022.
- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.
Although natural attrition and Covid related issues over the near term has been impactful as limited resources has served to limit the screening of outfalls, technology on the converse has been utilized to map all resident outfalls .
- c) Identify changes made to the IDDE Plan during this reporting period if applicable.
Increased support from outside sources to assist in managing the GIS.
- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.
None. Updates are planned for 2023 and 2024.
- 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.
All outfalls are mapped and have been inspected; maintenance continues as needed on a regular basis.
- 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 City will need to develop a tracking mechanism for construction projects, inspections, and compliance. The plan is to incorporate that process in Calendar Year 2023 as a measurable goal.
- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.
The City of East Chicago MS4 Coordinator has fostered a renewed working cooperative with all Department Heads across the City's various business units, the management of change in order to institute best management practices within of all its defined correction actions further incorporates technical review related meetings which will address a host of construction site compliance requirements
- 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.
This data has not been recorded. Tracking of this information is being completed for Calendar Year 2023.
- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.
Annual Contractor and Developer Training was offered free of charge to the Contractors/Developers on February 14, 2022.
- 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.
Jose Cisneros was hired into the Pretreatment Coordinator position in 2022 and also picked up the duties of the MS4 Coordinator for the City in 2022. He recently attended NPDES Institute MS4 CECI training, which will count towards his 2023 credits. In 2022, Mr. Cisneros attended two training sessions as conducted by BF&S, further watched a Stormwater Management related video, and attended multiple NISWAG events.
- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.
None, Updates are planned for 2023 and 2024
- 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.
The City has hired a consulting firm to work on their stormwater technical manual which will include a post construction chapter to guide developers and constructors in the city on proper implementation and good options for post construction measures.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
Staffing difficulties as there are far less employees within the stormwater department than previous years and it has been difficult to find experienced or dependable staff.
- c) Describe program implementation partnerships and explain successes and barriers.
None
- 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.
Jose Cisneros participates in NISWAG meetings and attended regional meetings with educational opportunities on the Grand Calumet River Area of Concern. Additionally, although it will officially count towards CY 2023, Mr. Cisneros completed the NPDES MS4 CECI training.
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
None, Updates are planned for 2023 and 2024.
- f) Other:

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.

Municipal Owned and Operated facilities obtained a new assessment report and updated SWPPPs for the Public Works Facility, City Parks, City Marina (Industrial Stormwater GP coverage), and Golf Course. In addition, a SPCC Plan was developed for the Department of Public Works facility and Marina. The Public Works staff have gone through their annual employee training, updated and presented by consultants and have been completing more frequent inspections to identify issues early and often; improvements to the fueling area, chemical storage, spill kits, and material storage areas have been made. Additional improvements may be completed after the surveillance of the drains on the property is complete, which is scheduled to be complete by Summer of 2023.

- 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.

Housekeeping and P2 were neglected for a period of time at the Public Works facility; however, attention was provided to the Public Works facility to address solid wastes and recyclables which were not being managed and improvements were made by disposing of unnecessary items, labeling chemicals, and putting more items under cover. Follow-up inspections are being conducted to ensure efforts are continued and plans to move operations to another location are in the works to account for better material storage.

- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.

Labels on chemicals, staff training and inspecting of grounds,

- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.

Staff training was neglected during the rebuilding of the stormwater department. The team is actively working to address the training and comply with the schedule.


- 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: Mr. Kenneth Myers, City of East Chicago Director of Wastewater Operations

Signature: 

4/3/23
(mm/dd/yyyy)