



# Municipal Separate Storm Sewer System General Permit (MS4GP) Annual Report

State Form 51278 (R6 / 7-12)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

## For questions regarding this form, contact:

IDEM Office of Water Quality Stormwater Program  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

Telephone: (317) 234-1601 or  
(800) 451-6027

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 a violation of permit coverage.
- Please type or print in ink.
- Please answer all questions thoroughly and return the form in accordance with the MS4GP or as directed by IDEM.
- Return this form and any required attachments to the IDEM Stormwater Program, MS4 Program at the address listed in the box on the upper-right.

### Reporting Year

#### Permit Year:

- ☐ (1)  
☒ (2)  
☐ (3)  
☐ (4)  
☐ (5)

## SECTION 1: GENERAL PERMITTEE INFORMATION

- (1) MS4 Entity: **City of Madison** (4) Type of MS4: ☒ City  
(2) Primary County: **Jefferson** ☐ Town  
(3) MS4 Permit Number: **INR 040061** ☐ County  
☐ Non-traditional:

### (5) MS4 Operator (Individual): **Bob Courtney**

- Title: **Mayor**
- Telephone Number: **812-265-8300**
- Email Address: **mayor@madison-in.gov**
- Mailing Address:  
101 W Main Street  
City: **Madison** State: **IN** Zip Code: **47250**
- Physical Address (if different from mailing address):  
City: State: **IN** Zip Code:

### (6) MS4 Coordinator (Individual): **Duane "Duey" O'Neal**

- Title: **Code Enforcement Officer and MS4 Coordinator**
- Telephone Number: **812-274-0428** Cell Phone:
- Email Address: **doneal@madison-in.gov**
- Mailing Address:  
**101 W. Main Steet**  
City: **Madison** State: **IN** Zip Code: **47250**
- Physical Address (if different from mailing address):  
City: State: **IN** Zip Code:

### (7) Application Preparer (if different from above):

- Title: Name of Company (if applicable):
- Telephone Number: Cell Phone:
- Email Address:
- Mailing Address:  
City: State: Zip Code:
- Physical Address (if different from mailing address):  
City: State: Zip Code:

**SECTION 2: PUBLIC EDUCATION, OUTREACH AND PUBLIC PARTICIPATION – MINIMUM CONTROL MEASURES 1 AND 2**

- (1) Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If Objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified [4.3 (h)(1)]:
- (a) On Target: ☒ Yes ☐ No
- (b) If No, provide an explanation in Section 7.
- (2) List of public participation and outreach events and activities conducted, a description of the activity, an estimate of the number of attendees, and an assessment if the goals and objectives were met [4.3 (h)(2)]:
- (a) Total number of public participation and outreach events: **2 - Public Cleanup at Crooked Creek, Stormwater Awareness Week**
- (b) Identify the targeted audience/constituents for this reporting period: **Residents**
- (c) Briefly describe changes or effects observed due to the outreach event(s): **Participants actively engaged in cleaning up public areas are highly likely to not litter and dispose of trash properly, so our waterways are not polluted.**
- (d) Delivery Method: **Stormwater Awareness Week yardsigns, social media outreach (Facebook)**
- (e) The MS4 must maintain a list of the public participation/outreach event, including a short description of the activity, number of attendees, and if the goals and objectives were met.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (3) The number and types of construction and/or post-construction stormwater training opportunities that were provided to contractors, developers and builders, property owners (commercial, industrial, residential, homeowner associations, and other targeted entities during the reporting period [4.3 (h)(3)]:
- (a) Number of training events:
- Construction only: **8 (est)**
  - Post-construction only: **4 (est)**
  - Both Construction and Post-construction: **1 (est)**
- (b) The event or events were conducted with another MS4(s): ☐ Yes ☒ No
- If Yes, list the MS4(s): **Southern Indiana Advisory Committee - City of Jeffersonville, City of New Albany, City of Madison, Town of Clarksville, Town of Sellersburg, Town of Georgetown, Oak Park Conservancy, Clark County, Floyd County. The SWAC's Qualified Professional Inspector (QPI) Program was intended to be re-instituted in fall 2023, however, due to unforeseen circumstances, the program will now take place in 2024.**
  - **On-site training took place during inspections by L&H consultants (estimated).**
- (4) Document that presentations (or reports provided) were made to local officials [4.3 (h)(4)]:
- (a) ☒ Yes ☐ No
- (b) Number of presentations: **12** Date or Dates: **Council meetings 2x per month on Tuesday; Board of Public Works meets one Monday per month**
- (5) Provide a list of public education materials used during the reporting period [4.3 (h)(6)]:
- (a) Number of new materials developed: **1- Stormwater Awareness Week Signs**
- (b) The MS4 must maintain a list of public educational materials.
- (c) If the materials are maintained on a webpage – please provide the link: **<https://www.madison-in.gov/> and [www.siswac.org](http://www.siswac.org)**  
*Do not submit the list of materials at this time. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*

**SECTION 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION - MINIMUM CONTROL MEASURE 3**

- (1) Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM If Objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified [4.4 (k)(1)]:
- (a) On Target: ☒ Yes ☐ No
- (b) If No, provide an explanation in Section 7.
- (2) A summary of any storm sewer system mapping changes to the outfall and/or conveyance maps [4.4 (k)(3)]:
- (a) The map is current: ☒ Yes ☐ No
- (b) The map was last updated on:  
[Continuously, including in 2023](#)
- (3) Number of new outfalls mapped [4.4 (k)(4)]:  
[0](#)
- (4) Number and location of dry weather outfalls screened for illicit discharges [4.4 (k)(5)]:
- (a) Number of dry weather outfalls screened:  
[6](#)
- (b) The number of dry weather outfalls that need to be screened before the end of the permit cycle:  
[4](#)
- (c) The MS4 must maintain information that contains the "location" of the dry weather outfalls screened.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (5) Number and location of illicit discharges detected [4.4 (k)(6)]:
- (a) Number detected:  
[2 - City festivals issues with food trucks, Crooked Creek dumping](#)
- (b) The MS4 must maintain information that contains the "location" of the illicit discharges.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (6) Number and location of illicit discharges and/or spills reported [4.4 (k)(8)]:
- (a) Number reported:  
[1 - Hilltop possible sewage in stream tested](#)
- (b) The MS4 must maintain information that contains the "location" of the illicit discharges and/or spills reported.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (7) Illicit discharges eliminated for those that were detected and/or reported [4.4 (k)(7) and (9)]:
- (a) Number eliminated: [2; 1 - Crooked Creek issue ongoing](#)
- (b) Number that required no corrective action: [0](#)
- (c) Number of enforcement actions taken: [1 - Crooked Creek NOV issued](#)
- (8) The MS4 has reviewed and assessed the minimum control measure in accordance with MS4GP [4.4 (i)]:  
☒ Yes ☐ No
- (9) The MS4 documents annual training attended by staff specific to their responsibilities in accordance with the MS4GP [4.4 (g)]:  
☒ Yes ☐ No
- (10) The MS4 adopted a revised IDDE ordinance during this reporting year [8.1 (a)(4)]:  
☐ Yes ☒ No  
Last updated on: [Current ordinance adopted in 2006. Updated ordinance anticipated to be adopted by July 2024.](#)

**SECTION 4: CONSTRUCTION SITE STORMWATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE 4**

- (1) Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified [4.5 (m)(1)]:  
(a) On Target: ☒ Yes ☐ No  
(b) If No, provide an explanation in Section 7.
- (2) The number of construction projects owned and/or operated by the MS4 entity that were active at the time of submission of this report [4.5 (m)(2)]:  
**1 - Crystal Beach**
- (3) The number of construction sites obtaining a MS4 entity-issued stormwater run-off permit or authorization to discharge during the reporting period [4.5 (m)(3)]: **4 - Crystal Beach, Culvers, High School Tennis, Take 5 Carwash**
- (4) The number of construction sites inspected during the reporting period [4.5 (m)(4)]: **4 - L&H consultants inspect sites monthly**  
(a) The MS4 has completed the inspections as required by the MS4GP [4.5 (d)(3)]:  
  - On Target: ☒ Yes ☐ No
  - If No, provide an explanation in Section 7.
- (5) The number and type of enforcement actions taken during the reporting period [4.5 (m)(5)]: **0**  
(a) Check the Appropriate Type of Action:  
☐ Stop work Orders  
☐ Monetary Penalties  
☐ Other (Describe):
- (6) The number of public information requests and/or complaints received [4.5 (m)(6)]:  
(a) Public Information Requests (Freedom of Information Request): **0**  
(b) Complaints Received: **1 - on carwash**
- (7) The MS4 has reviewed and assessed the minimum control measure in accordance with MS4GP [4.5 (i)]:  
☒ Yes ☐ No
- (8) The MS4 documents annual training attended by staff specific to their responsibilities in accordance with the MS4GP [4.5 (j)]:  
☒ Yes ☐ No
- (9) The MS4 maintains an inventory of all construction site projects in accordance with MS4GP [4.5 (l)]:  
☒ Yes ☐ No
- (10) The MS4 adopted a revised construction stormwater run-off ordinance or regulatory mechanism during the reporting year [8.1 (a)(4)]:  
☐ Yes ☒ No  
Last Updated on: **Current ordinance adopted in 2006. Updated ordinance anticipated to be adopted by July 2024.**

**SECTION 5: POST-CONSTRUCTION STORMWATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE 5**

- (1) Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified [4.6 (j)(1)]:  
(a) On Target: ☒ Yes ☐ No  
If No, provide an explanation in Section 7.
- (2) The MS4 updated the post-construction ordinance and/or regulatory mechanism during the reporting period [4.6 (j)(2)]:  
☐ Yes ☒ No  
Last Updated on: [Current ordinance adopted in 2006. Updated ordinance anticipated to be adopted by July 2024.](#)
- (3) The number of sites requiring post-construction control measures during the reporting period [4.6 (j)(3)]:  
(a) Number of Sites: [2 - carwash, detention basin at Sunrise Crossing](#)
- (4) Number, type, and location of structural measures installed during the reporting period [4.6 (j)(4)]:  
(a) Number of Measures: [2 - carwash, detention basin at Sunrise Crossing](#)  
(b) The MS4 must maintain information on the "type" and "location" of the measures installed.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (5) Number, type, and location of structural measures modified to function properly or improve water quality benefits [4.6 (j)(5)]:  
(a) Number of Measures Modified: [0](#)  
(b) The MS4 must maintain information on the "type" and "location" of the measures modified.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (6) Number, type, and location of structural measures inspected to ensure each meets design requirements and/or are being maintained [4.6 (j)(6)]:  
(a) Number of MS4 Owned/Operated Measures Inspected: [0](#)  
On Target (permit requires 100 % inspected by the end of the permit cycle):  
☒ Yes ☐ No If No, provide an explanation in Section 7  
(b) Number of Privately Owned Measures Inspected: [1 - Sunrise Crossing](#)  
On Target (permit requires 100% or a minimum of 250 inspected by the end of the permit cycle):  
☒ Yes ☐ No If No, provide an explanation in Section 7  
(c) The MS4 must maintain information on the "type" and "location" of the measures inspected.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (7) The MS4 has developed and administers an inspection program in accordance with the MS4GP [4.6 (e) and (f)]:  
☒ Yes ☐ No
- (8) The MS4 has reviewed and assessed the minimum control measure in accordance with MS4GP [4.6 (h)]:  
☒ Yes ☐ No
- (9) The MS4 documents annual training attended by staff specific to their responsibilities in accordance with the MS4GP [4.6 (i)]:  
☒ Yes ☐ No

**SECTION 6: MUNICIPAL OPERATIONS POLLUTION PREVENTION AND GOOD HOUSEKEEPING - MINIMUM CONTROL MEASURE 6**

- (1) Status of measurable goals, program requirements, compliance schedules, and timetables for this MCM. If Objectives are not being met for a specific program element, explain the implementation problems encountered, and changes made to resolve problems identified [4.7 (n)(1)]:  
(a) On Target: ☒ Yes ☐ No  
If No, provide an explanation in Section 7.
- (2) Number and location of stormwater outfalls and conveyance systems that have been repaired during the reporting period [4.7 (n)(2)]:  
(a) Number of outfalls: 0  
(b) Number of conveyance systems: 2 - Post Office new pipe installed  
(c) The MS4 must maintain information that contains the "location" of the outfalls and conveyances that have been repaired.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (3) Estimated amount of material collected from stormwater drainage system cleaning during the reporting period including the disposal methods utilized [4.7 (n)(3)]:  
(a) Material Collected (Volume or Weight): 1,500 ton (est. combined with street sweeping)  
(b) Disposal Method: Taken from transfer station, disposed of at landfill
- (4) Estimated amount of material collected from street sweeping during the reporting period, if applicable, including the disposal methods utilized [4.7 (n)(4)]:  
(a) Material Collected (Volume or Weight): 1,500 tons (est), 3,307 miles driven, 332 manhours  
(b) Disposal Method Utilized: Taken from transfer station, disposed of at landfill
- (5) Number and location of de-icing salt and sand storage areas and methods used to minimize stormwater exposure:  
(a) Number of De-icing salt and sand storage areas [4.7 (n)(5)]: 1  
(b) The MS4 must maintain information as to the "location" and methods used to minimize stormwater exposure.  
*Do not submit this information. Upon review of the annual report IDEM may request the information or evaluate the information as part of an audit of the MS4 Program.*
- (6) The MS4 has reviewed and assessed the minimum control measure in accordance with MS4GP [4.7 (i)]:  
☒ Yes ☐ No
- (7) The MS4 documents annual training attended by staff specific to their responsibilities in accordance with the MS4GP [4.7 (m)]:  
☒ Yes ☐ No  
(a) List the number of employees within other departments that have been trained on stormwater issues:
- (8) The total number of owned and/or operated facilities (total number as of submittal of this report) within the MS4:  
4 - City Hall, Wastewater Treatment Plant, Street Department Garage, golf course
- (9) The number of owned and/or operated facilities, identified in item (8) above that require development of a SWPPP:  
2 - Wastewater Treatment Plant & Street Department Garage
- (10) Facility inspections completed during the reporting period:  
(a) The MS4 inspected each facility quarterly: ☐ Yes ☒ No  
If No, provide an explanation: MS4 Coordinator position filled in March 2023, new MS4 Coordinator has been training and is planning to start inspections in 2024.  
(b) The MS4 Coordinator participated in at least one of the quarterly inspections at each facility: ☐ Yes ☒ No  
If No, provide an explanation: See above
- (11) The percentage of surface visual inspection performed by the MS4 during the reporting period:  
100 Percent

## SECTION 7: MS4 PROGRAM MANAGEMENT AND SUMMARY

- (1) Water Quality Characterization Report (WQCR) [8.1 (a)(5)]:
- (a) The WQCR has been updated during this reporting period. ☒ Yes ☐ No  
Date of Modification/update: [Finalized and submitted to IDEM in March 2023.](#)
- (b) The updated WQCR and/or new and on-going water quality characterization data is required as part of the annual report).  
*Do not submit this information. As part of the annual report review IDEM may request this information or review the information during an audit of the MS4 Program.*
- (c) Updated list of the receiving waters. The MS4 must maintain documentation of receiving waters. As part of the annual report review, IDEM may request this information or review the information as part of an audit of the MS4 Program [8.1 (a)(6)].  
*Do not submit this information. As part of the annual report review, IDEM may request this information or review the information as part of an audit of the MS4 Program.*
- (2) Provide progress to meet a TMDL, WLA, or improve water quality in the 303d listed impairments) [8.1 (a)(7)]:
- (a) A TMDL implementation plan has been developed within the MS4 boundaries.  
☐ Yes ☐ No ☐ In Progress ☒ Not Applicable
- (b) If Yes: provide a brief description of progress to meet the TMDL WLA or improve water quality in the 303d listed impairments.
- (3) MS4 jurisdictional boundaries as required by Section 4.2 (a)(1). Identify areas removed or added to the jurisdictional area of the MS4 [8.1 (a)(10)]:
- (a) Provide a shapefile or map with a date that reflects changes made during the reporting period.
- (4) Describe new funding sources and new expenditures [8.1 (a)(9)]:
- (a) [None](#)
- (b)
- (c)
- (d)
- (5) Describe relevant sections of the SWQMP that have been modified (by MCM) [8.1 (a)(1)]:
- (a) Public Education, Outreach and Involvement: [SWQMP submitted in December 2022](#)
- (b) Illicit Discharge: [See \(a\)](#)
- (c) Construction Stormwater Run-off: [See \(a\)](#)
- (d) Post-construction Run-off: [See \(a\)](#)
- (e) Good Housekeeping: [See \(a\)](#)
- (6) Brief Description of changes from the previous year due to annual review [8.1 (a)(2)]:
- (a) Public Education, Outreach and Involvement: [New SWQMP submitted in December 2022. No changes required for the program as of 2024](#)
- (b) Illicit Discharge: [See \(a\)](#)
- (c) Construction Stormwater Run-off: [See \(a\)](#)
- (d) Post-construction Run-off: [See \(a\)](#)
- (e) Good Housekeeping: [See \(a\)](#)
- (7) Implementation problems encountered, including program changes made to address ineffectiveness or infeasibility [8.1 (a)(8)]:
- (a) Public Education, Outreach and Involvement: [Additional education on "no dumping in storm drains" provided to food truck owners prior to City events.](#)
- (b) Illicit Discharge: [None](#)
- (c) Construction Stormwater Run-off: [The Qualified Professional Inspector Program \(QPI\) through the SWAC is under development and set to be released in Spring of 2024 to coincide with the adoption of the new Stormwater Ordinance. Getting this training program finalized and made available is a priority of the SWAC.](#)
- (d) Post-construction Run-off: [See above](#)
- (e) Good Housekeeping: [None](#)

(8) Brief Description of projects or programs that have been successful or should be highlighted and unique:

The City of Madison is a member of the Southern Indiana Stormwater Advisory Committee, which consists of the City of Jeffersonville, City of New Albany, City of Madison, Town of Clarksville, Town of Sellersburg, Town of Georgetown, Oak Park Conservancy District, Clark County, and Floyd County. The SWAC conducted quarterly meetings, hosted an educational booth at the MS4 Annual Meeting on May 16th, 2023, which handed out more than 330 materials (brochures, SOP's, guidebooks, training materials), and promoted Stormwater Awareness Week September 4th - 9th which culminated in an Ohio River Sweep. The SWAC members are currently developing their new stormwater ordinances and technical standards as a partnership, and will then modify the baseline documents for their own needs.

(9) Brief Description of issues that have been identified that IDEM may be able to assist the MS4 in addressing:



## SECTION 8: CERTIFICATION AND SIGNATURE

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and representations in this notification are true, accurate, and complete.

I 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly involved in 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.

Printed Name of Responsible Individual (Applicant/Permittee):

Mayor Bob Courtney

Signature of Responsible Individual:

\_\_\_\_\_ Date (month/day/year) 04/01/2024

**Note:**

- This document must be signed by the individual meeting requirement of 40 CFR 122.22.
- Signature must be wet ink (FAX and photocopies are not acceptable)

