



**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: <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) <input type="checkbox"/> (3) <input type="checkbox"/> (4) <input type="checkbox"/> (5)

SECTION 1: GENERAL PERMITTEE INFORMATION	
(1) MS4 Entity: INDOT (2) Primary County: N/A (3) MS4 Permit Number: INR040153	(4) Type of MS4: <input type="checkbox"/> City <input type="checkbox"/> Town <input type="checkbox"/> County <input checked="" type="checkbox"/> Non-traditional: DOT
(5) MS4 Operator (Individual): Mike Smith <ul style="list-style-type: none"> • Title: Commissioner • Telephone Number: 855-463-6948, INDOT4U • Email Address; Michael.Smith@indot.in.gov • Mailing Address: 100 N Senate Ave, N758-EXEC City: Indianapolis State: IN Zip Code: 46204 • Physical Address (if different from mailing address): same City: State: IN Zip Code: 	
(6) MS4 Coordinator (Individual): Sara Lamkin <ul style="list-style-type: none"> • Title: MS4 Coordinator • Telephone Number: n/a Cell Phone: 317-447-1039 • Email Address; SLamkin@indot.in.gov • Mailing Address: 100 N Senate Ave, N758-ES City: Indianapolis State: IN Zip Code: 46204 • Physical Address (if different from mailing address): same City: State: IN Zip Code: 	
(7) Application Preparer (if different from above): <ul style="list-style-type: none"> • Title: MS4 Coordinator 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 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:
May 9th 2024- Bridge and Drainage Asser Viewer- This is updated actively by Asset Management.
May 31st 2023- IDDE Consultant Map
- (3) Number of new outfalls mapped [4.4 (k)(4)]:
205- Updated by Asset Management through Bridge and Drainage Asset Viewer
210- IDDE Consultant provided map
- (4) Number and location of dry weather outfalls screened for illicit discharges [4.4 (k)(5)]:
(a) Number of dry weather outfalls screened:
1351 discharges to INDOT ROW were inspected by IDDE Consultant.
226 discharges to INDOT ROW were inspected by INDOT- Bridge and Drainage Asset Viewer.
(b) The number of dry weather outfalls that need to be screened before the end of the permit cycle:
4684 outfalls discharging to our ROW were inspected by the IDDE Consultant, INDOT inspected 701 for a total of 5385 since the beginning of the permit cycle, there are 6216 known/documented outfalls to our ROW as of 5/31/23. Leaving 831 known outfalls.
(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:
INDOT was unable to find a path forward that meet the permit requirements and provided valuable information. Infalls were not inspected past May 2023.
IDDE Consultant identified 23 infalls that needed follow up.
701 inlet and small culvert inspections were conducted by INDOT, no follow up was needed.
(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:
INDOT4U had 156 reports relating to spills and 26 reports relating to dumping in 2023.
(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: 182 were resolved through INDOT4U.
(b) Number that required no corrective action: None, all complaints were followed through INDOT procedures.
(c) Number of enforcement actions taken: INDOT does not take enforcement actions on accidental spills. INDOT will contract a third party to remediate the area then recoup the cost from the responsible party- Damage to State Property Claim.
- (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: December 19th 2019- IDDE Plan

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: Standard Spec 2024 effective September 1st 2023
- (3) The number of sites requiring post-construction control measures during the reporting period [4.6 (j)(3)]:
(a) Number of Sites: No projects during 2023 reported needing post-construction measures.
- (4) Number, type, and location of structural measures installed during the reporting period [4.6 (j)(4)]:
(a) Number of Measures: 21- PCSM Consultant
(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: This is not currently tracked. INDOT is reviewing past construction projects to document post-construction BMPs and add them to future inspections and maintenance schedule.
(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: All hydrodynamic separators (39) were inspected in 2023, INDOT is in the process of making procedures for inspecting and maintaining all types of post-construction BMPs.
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: N/A, INDOT does not have privately owned PCSM within our jurisdiction.
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 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: 3/31/2023

- (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: Added Educational Material- Section 2
(b) Illicit Discharge: Reviewed IDDE Plan and made comments for future updates.
(c) Construction Stormwater Run-off: Standard Specification 2024
(d) Post-construction Run-off: PCSM Guidance and Construction Memo and Standard Specification 2024
(e) Good Housekeeping: Spill Prevention Training was sent to Maintenance Staff.

(6) Brief Description of changes from the previous year due to annual review [8.1 (a)(2)]:

- (a) Public Education, Outreach and Involvement: In 2024 we are working with communications to set up monthly stormwater related Social Media posts.
- (b) Illicit Discharge: The Illicit discharge is being edited to reflect the MS4GP goals more accurately. INDOT is screening Consultants for future partnering. Based on the results of the IDDE Project that ended May 2023 and reviewing the results INDOT believes that the most efficient path forward is focusing on education for our maintenance department and contracts.
- (c) Construction Stormwater Run-off: INDOT Standard Specification was updated to reflect changes in CSGP.
- (d) Post-construction Run-off: Environmental Services has created stronger relationships and processes with our Hydraulics department and consultants for reviewing and implementing the post-construction requirements. Guidance has been created to know the best post-con BMP and when they are needed for our designers. INDOT is working toward a Reoccurring Special Provision that includes post-con, this will require measures to be put in place. Environmental Services is working with Asset Management and out Post-Construction Consultant for long term tracking and maintenance.
- (e) Good Housekeeping: Environmental Services has started to create stronger relationships with our Maintenance and Facility personnel. This has lead to more communication and changes in Good Housekeeping Measures such as going from painting our drains to using signs to indicate if they drain to sanitary/stormwater in our Greenfield District.

- (7) Implementation problems encountered, including program changes made to address ineffectiveness or infeasibility [8.1 (a)(8)]:
- (a) Public Education, Outreach and Involvement: Dedicated time for the Stormwater Staff and Consultants to update content of Field Guide and Construction Stormwater Manager training. Resources to create/find training for Maintenance and Facility Staff.
 - (b) Illicit Discharge: After inspecting pipes discharging to INDOT ROW in Vincennes and Fort Wayne Districts we found that we needed to decide on a new path for IDDE. In the districts, 4591 pipes were inspected and 44 needed follow up. It was decided that the IDDE Plan must be revised to reflect agency capabilities, structure, and authority. INDOT is struggling to identify a path forward due to incompatibility with permit requirements.
Infalls inspected and identified for follow up were not due to staffing, resources, and lack of resolution plan. All Illicit Discharges reported to INDOT4U were resolved.
Stormwater structure and conveyance mapping accuracy and completeness is inconsistent across the districts.
INDOT does not currently have a shapefile of our MS4 Jurisdiction, we have initiated conversations to create a project to map our Jurisdiction in its entirety - Asset Management and GIS.
 - (c) Construction Stormwater Run-off: INDOT's path for revisions to Standard Specification (INDOT's Regulatory Mechanism) etc. is lengthy and highly technical, slowing adoption of changes to the CSGP and MS4 programs.
IDOA construction projects do not follow the same path as INDOT Road/Bridge construction and therefore are not consistently obtaining CSGP coverage, following Standard Specification, etc.
INDOT has identified the need for additional resources to facilitate efficiencies in reaching goals and has brought on multiple consultants for help.
 - (d) Post-construction Run-off: INDOT had not previously documented post-construction measures. As of 2024 our Post-Con Consultant is going through completed projects to find post construction measures that were designed. Some of these measures predated the new CSGP in 2021 and were not always triggered by the CSGP therefore not always tracked as a post-construction measure.
INDOT had issues with education for new requirements and has since created training and guidance for designers to include post-construction measures. Mechanisms are now in place to catch when post-construction measures are missed in the design.
INDOT is not currently inspecting all post-construction measures, instead focusing on Hydrodynamic separators while working to find historic post-con BMPs.
 - (e) Good Housekeeping: All facilities SWPPPs need reviewed and updated.
INDOT continues to seek support from all departments to meet the requirements of the MS4GP.

(8) Brief Description of projects or programs that have been successful or should be highlighted and unique:
INDOT Facilities have improved significantly with protecting stormwater and having clean facilities.
INDOT's public outreach improved in 2023 by participating in the State Fair.

(9) Brief Description of issues that have been identified that IDEM may be able to assist the MS4 in addressing:
INDOT has submitted a letter of interest to become a TS4 due to the MS4GP requirements not accurately reflecting INDOT's jurisdictional and regulatory reach. A letter was sent to IDEM 3/8/2024.

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):

Lyndsay Quist on behalf of Mike Smith

Signature of Responsible Individual:



Date (month/day/year) 06/03/2024

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)