

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4) GENERAL PERMIT (INR040000)

In compliance with the provisions of the Federal Water Pollution Control Act, as amended by the Clean Water Act of 1977 (33 U.S.C. 1251, et seq., the "Act"), Title 13 of the Indiana Code, Articles 5 and 15 of Title 327 the Indiana Administrative Code, and regulations adopted by the Environmental Rules Board, the Indiana Department of Environmental Management (IDEM) is issuing this National Pollutant Discharge Elimination System (NPDES) general permit to regulate discharges of stormwater from designated Municipal Separate Storm Sewer System (MS4) entities into waters of the State of Indiana.

- *Permit Issued: December 9, 2021*
- *Permit Effected on: December 18, 2021*
- *Permit Expires on: December 17, 2026*

In accordance with IC 13-15-3-6, 40 CFR 122.6, and 123.25, the conditions of this permit remain fully effective and enforceable after the expiration date of this permit if the permittee has submitted a timely notice of intent for coverage under this permit and IDEM has not, through no fault of the person, issued a new permit on or before the expiration date of this permit.

4.2 SWQMP, Illicit Discharge Detection and Elimination MCM

A MS4 operator must develop an Illicit Discharge Detection and Elimination (IDDE) program to detect, address, and eliminate illicit discharges into the MS4 conveyance system. The program does not need to address the categories of non-stormwater discharges or flows as identified in Section 1.2 unless IDEM or the MS4 operator identifies them as significant contributors of pollutants into the MS4 conveyance system. MS4 entities renewing permit coverage, must assess program requirements and goals from the previous permit, modify as necessary, and implement the requirements of this permit. A MS4 entity, at a minimum, must develop and implement a strategy to achieve the requirements within specific deadlines as outlined in the permit. The MS4 is required to:

- (a) **Develop or review and update an ordinance** or other regulatory mechanism that prohibits illicit discharges into MS4 conveyances and establishes enforcement policy and procedures. **MS4s renewing permit coverage must meet the requirement in Section 4.1 (i).**

(b) Develop or review and update an IDDE plan in the first year of permit coverage.

The plan at a minimum must:

- (1) Include standard operating procedures (SOP) to locate problem areas via dry weather screening or other methods, determine the source of the discharge, remove, or otherwise correct illicit connections, and document the actions taken.
- (2) Include a schedule to screen all stormwater outfalls that are owned and/or operated by the MS4 entity.
- (3) Identify and map all active industrial facilities within the MS4 area that discharge into a **MS4** conveyance. Identification must include the facility name, address, telephone number, and type of industrial activity.
- (4) Participate and/or coordinate activities that are used to keep commonly dumped wastes out of the collection system, including, but not limited to household hazardous waste, motor oil, antifreeze, and pesticides.

(5) Include standard operating procedures (SOP) that provides investigators with guidance and forms to ensure that consistent investigations occur for every known illicit discharge. At a minimum, the SOP must include:

- (A) A requirement to initiate an investigation to identify and locate the source of any continuous or intermittent unauthorized discharge within two (2) business days of being notified of the discharge.
- (B) Inspection requirements in response to complaints and follow-up inspections as needed to ensure that corrective measures have been implemented by the responsible party to achieve and maintain compliance.
- (C) A written response procedure for internal communication that identifies the procedures for responding to reports of illicit discharges
- (D) Methods or alternatives that will be used to eliminate illicit discharges.
- (E) A clear and systematic procedure for conducting the investigation; including procedures that clearly defines what constitutes an illicit discharge and when a discharge is considered eliminated.
- (F) A prioritization system to investigate illicit discharge, with the highest priority given to those suspected of being related to sanitary sewage contaminated run-off, and/or direct dumping of pollutants.
- (G) Procedures to report the occurrence of any dry weather flows believed to be an immediate threat to human health or the environment to the local hazardous materials office or IDEM emergency spill line [(888) 233-7745 or (317) 233-7745
- (H) A tracking system, including documentation of the date(s) the illicit discharge was observed, the results of the investigation, follow-up to the investigation, and the date the investigation was closed.

(6) Develop or review and update implementation of a program for public reporting of illicit discharges and spills in the first year of permit coverage.

The MS4 entity must:

- (A) Identify a central contact point for complaints, illicit discharges, and spills. This contact information must be made available to appropriate MS4 staff and the public.
 - (B) Utilize a designated hotline, web page, and/or a twenty-four (24) hour emergency phone number with voicemail and/or email account, which is checked at least once each business day.
- (c) Complete and sign a certification form as a newly designated MS4. Submit the certification to IDEM once the ordinance and the IDDE plan have been developed or three hundred sixty-five (365) days from the date the initial NOI submittal was received by IDEM, whichever is earlier.

(d) Map all stormwater outfalls and conveyance systems according to the following:

- (1) Newly designated MS4 entities must develop a plan to map outfalls in year one and demonstrate continual mapping progress that will result in 100 percent to be completed by the end of the fifth year of the permit.
- (2) MS4 entities renewing permit coverage must review and update maps as new collection and discharge systems are added, as changes occur, or at least annually. The MS4 entity must modify existing maps to identify all receiving waters in the MS4.

(e) Develop a stormwater system map as the requirements of item (d) above are achieved. The map must display the location of all outfalls and conveyances owned and/or operated by the MS4 entity, excluding privately owned or mutual drains, yard swales, curbs and gutters, and agricultural tiles and outfalls.

The map must, at a minimum:

- (1) Identify each outfall with an alphanumeric identifier.
- (2) Provide the longitude and latitude for each outfall in decimal degrees to 5 decimal place accuracy and a photograph of each discharge point.
- (3) Identify all waters that receive discharges from MS4 outfalls and indicate if any of the receiving waters are on the current Indiana 303(d) list of impaired waterbodies or included in a U.S. EPA approved TMDL.

(f) Develop or review and update a map that identifies high priority areas for administering the IDDE program based on land use, prior history, and frequency of discharges. The map must be completed within the first year of permit coverage.

(g) Develop or review and update a training program for employees. The program must include:

- (1) Implementation no later than one hundred eighty (180) days after the initial IDDE certification has been submitted to IDEM for newly designated MS4s and 180 days following the submittal of an updated SWQMP for existing MS4s.
- (2) Annual training for all employees, whose normal job responsibilities include investigation of an illicit discharge or illicit connection to the stormwater conveyance system.
- (3) Documentation of all employee education and training activities, including staff names, title, and responsibility.

(h) Conduct dry weather field screening to detect and eliminate illicit discharges for all mapped stormwater outfalls owned and/or operated by the MS4 entity in accordance with the following schedule.

- (1) All MS4 entities must screen MS4 owned and/or operated outfalls and demonstrate continual screening that will result in 100 percent to be completed by the end of the fifth year of the permit.
- (2) When the MS4 entity is made aware of non-stormwater discharges from MS4 owned/operated outfalls, the MS4 must continue screening of the discharge until that discharge is eliminated or is determined to be uncontaminated.

(i) Review and assess the program annually and update as necessary.

- (j) Review, where applicable, the long-term control plan (LTCP) and the combined sewer operational plan (CSOOP) and make any language modifications to the SWQMP to ensure consistency between the two documents.

(k) Report progress in an annual report (Section 8.0) that at a minimum includes:

- (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.**
- (2) IDDE program updates.**
- (3) A summary of any storm sewer system mapping changes to the stormwater outfall and conveyance maps.**
- (4) Number of new MS4 outfalls mapped.**
- (5) Number and location of dry weather outfalls screened for illicit discharges.**
- (6) Number and location of illicit discharges detected.**
- (7) Number and location of illicit discharges eliminated.**
- (8) Number of illicit discharges and/or spills reported to the MS4 entity.**
- (9) Number of enforcement actions taken by the MS4 entity.**