

INDIANA'S NPDES GENERAL PERMIT RULE PROGRAM

RULE 13: STORM WATER RUN-OFF ASSOCIATED WITH MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) CONVEYANCES

Quick facts on Indiana's NPDES General Permits for Stormwater Run-off...

IDEM is the designated authority in Indiana to "establish requirements for storm water discharges from municipal separate storm sewer system (MS4) conveyances so that public health, existing water uses, and aquatic biota are protected" (327 IAC 15-13-1).



HISTORICAL CONTEXT FOR "RULE 13"

1987

Federal Clean Water Act amendments address storm water issues in communities of 100,000 or more via the EPA's **Storm Water Phase I Program**.

1999

The EPA addresses stormwater issues in urbanized areas of less than 100,000 via the NPDES **Storm Water Phase II Program**.

2003

In Indiana, IDEM initiated rules for the **Storm Water Phase II Program** became effective on August 6, 2003.

Why should this interest Local Elected Officials?

Per 327 IAC 15-4-3(g), the MS4 Operator must be the **highest ranking elected official** for an MS4 governmental entity and the MS4 Operator is **legally responsible for program implementation and compliance**.

Long-term, we have entered the third 5-Year permit cycle and EPA/IDEM expect MS4 program enhancements with each new 5-year permit cycle.

FIRST 5-YEAR PERMIT CYCLE: 2003 - 2007

SECOND 5-YEAR PERMIT CYCLE: 2008 - 2012

THIRD 5-YEAR PERMIT CYCLE: 2013 - 2017

Enhanced Programs from Permit-to-Permit

Two Primary Challenges:

1. How do we keep stormwater conveyances (storm sewers & ditches) clean?
2. How do we keep pollution out of stormwater conveyances and, ultimately, out of our Indiana waterbodies?

INDIANA'S "RULE 13": A Coordinated, Overall Stormwater Management Program -- The MS4 Program

327 IAC 15-13-12: Public Education & Outreach

Residents, visitors, public service employees, commercial and industrial facilities, and construction site personnel within the MS4 area be informed about the impacts that polluted storm water runoff can have on water quality and ways they can minimize their impact on storm water quality.

327 IAC 15-13-13: Participation & Involvement

Opportunities are given to constituents within the MS4 area to participate in the storm water management program development and implementation.

327 IAC 15-13-14: Illicit Discharge Detection & Elimination

Development and implementation of a strategy to detect and eliminate illicit discharges to the MS4 conveyance.

327 IAC 15-13-15: Construction Site Storm Water Run-Off Control

Development of an ordinance and establishment of a construction program that controls polluted runoff from construction activities that disturb one or more acres of land in the MS4 area.

327 IAC 15-13-16: Postconstruction Storm Water Run-Off Control

Development of an ordinance and establishment of a post-construction program that addresses runoff from new development & redevelopment areas.

327 IAC 15-13-17: Municipal Operations Pollution Prevention & Good Housekeeping

Development and implementation of a program to prevent or reduce polluted runoff from municipal operations within the MS4 area.

PRIMARY POLLUTANTS OF CONCERN IN STORMWATER RUNOFF

- Sediment
- Chemicals
- Excessive Phosphorus
- Excessive Nitrogen
- Metals
- Trash/Litter/Debris
- Thermal Pollution
- Improper Waste Disposal (Concrete Washout, Used Oil)
- Bacteria (*E. coli*) & Viruses