

**TOWNSHIP OF HOPEWELL
MERCER COUNTY, NEW JERSEY**

ORDINANCE NO. 11-1518

**AN ORDINANCE AMENDING AND SUPPLEMENTING
CHAPTER III, "LAW ENFORCEMENT REGULATIONS" OF
THE REVISED GENERAL ORDINANCES OF
THE TOWNSHIP OF HOPEWELL TO ESTABLISH REGULATIONS
CONCERNING PRIVATE STORM DRAIN INLET RETROFITTING**

WHEREAS, The U.S. Environmental Protection Agency (EPA) published the regulation entitled "National Pollutant Discharge Elimination System - Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges" (*Federal Register*, Volume 64, Number 235, pages 68722-68852) on December 8, 1999 as required by Section 402(p) of the Clean Water Act (CWA); and

WHEREAS, in February 2004 the New Jersey Department of Environmental Protection adopted new Stormwater Management Rules (N.J.A.C. 7:8) in fulfillment of its obligations under the USEPA Regulations; and

WHEREAS, Hopewell Township is designated as a Tier A Municipality under 7:8 and is obligated to implement certain ordinances required by the Tier A NJPDES Municipal Stormwater General Permit (NJ0141852); and

WHEREAS, the Hopewell Township Committee desires to meet its obligations under 7:8.

NOW, THEREFORE, BE IT ORDAINED by the Township Committee of the Township of Hopewell, County of Mercer, State of New Jersey that new section 25, Chapter III of the Revised General Ordinances entitled Private Storm Drain Inlet Retrofitting be created as follows:

3-25.1 Purpose:

An ordinance requiring the retrofitting of existing storm drain inlets which are in direct contact with repaving, repairing, reconstruction, or resurfacing or alterations of facilities on private property, to prevent the discharge of solids and floatables (such as plastic bottles, cans, food wrappers and other litter) to the municipal separate storm sewer system(s) operated by the Townships of Hopewell so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

3-25.2 Definitions:

For the purpose of this ordinance, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this Chapter clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

- a. Municipal separate storm sewer system (MS4)– a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by [insert name of

municipality] or other public body, and is designed and used for collecting and conveying stormwater.

- b. Person – any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.
- c. Storm drain inlet- an opening in a storm drain used to collect stormwater runoff and includes, but is not limited to, a grate inlet, curb-opening inlet, slotted inlet, and combination inlet.
- d. Waters of the State – means the ocean and its estuaries, all springs, streams and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

3-25.3 Prohibited Conduct:

No person in control of private property (except a residential lot with one single family house) shall authorize the repaving, repairing (excluding the repair of individual potholes), resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen), reconstructing or altering any surface that is in direct contact with an existing storm drain inlet on that property unless the storm drain inlet either:

- 1. Already meets the design standard below to control passage of solid and floatable materials; or
- 2. Is retrofitted or replaced to meet the standard in Section V below prior to the completion of the project.

3-25.4 Design Standard:

Storm drain inlets identified in Section IV above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this paragraph, “solid and floatable materials” means sediment, debris, trash, and other floating, suspended, or settleable solids. For exemptions to this standard see Section V.3 below.

- 1. Design engineers shall use either of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:
 - a. The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996); or
 - b. A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is no greater than 0.5 inches across the smallest dimension.

Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors.

- 2. Whenever design engineers use a curb-opening inlet, the clear space in that curb opening (or each individual clear space, if the curb opening has two or more clear

spaces) shall have an area of no more than seven (7.0) square inches, or be no greater than two (2.0) inches across the smallest dimension.

3. This standard does not apply:

- a. Where the municipal engineer agrees that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets that meet these standards;
- b. Where flows are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:
 - i. A rectangular space four and five-eighths inches long and one and one-half inches wide (this option does not apply for outfall netting facilities); or
 - ii. A bar screen having a bar spacing of 0.5 inches.
- c. Where flows are conveyed through a trash rack that has parallel bars with one-inch (1") spacing between the bars; or
- d. Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

3-25.5 Penalties.

Any person(s) who is found to be in violation of the provisions of this ordinance shall be subject to the penalty provisions set forth at section 3-1 of this chapter, except that no person found to be in violation of the provisions of this section shall be subject to imprisonment.

All ordinances, rules and regulations inconsistent herewith are hereby repealed.


This ordinance shall take effect upon final passage and publication in accordance with the law.


Appropriate signage shall be installed required.

Date Introduced: May 23, 2011
Dated Advertised: May 26, 2011
Date Adopted: June 13, 2011


James Burd
Mayor

Attest:


Laurie E. Gompf
Municipal Clerk

CERTIFICATION
I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE COPY OF AN Ordinance ADOPTED
BY THE HOPEWELL TOWNSHIP COMMITTEE
AT A MEETING HELD
June 13, 2011
DATE

LAURIE E. GOMPf, MUNICIPAL CLERK