

AN ORDINANCE TO AMEND CHAPTER 28  
STORMWATER MANAGEMENT OF THE  
REVISED ORDINANCES OF THE BOROUGH  
OF RINGWOOD TO INCLUDE A SECTION ON  
PRIVATE STORM DRAIN INLET  
RETROFITTING

BE IT ORDAINED that the Municipal Council of the Borough of Ringwood hereby include a Section – Private Storm Drain Inlet Retrofitting [NEW] to Chapter 28, Stormwater Management as follows:

**Section I. 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 Borough of Ringwood so as to protect the public health, safety and welfare and to prescribe penalties for the failure to comply.

**Section II. 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, gutters, ditches, manmade channels or storm drains) that is owned or operated by the Borough of Ringwood 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. *Water 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.

### **Section III. 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 coat or chip seal 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.

### **Section IV. 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 safety 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 (eg. 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.

#### **Section V. Enforcement:**

This Ordinance shall be enforced by the Borough Engineer of the Borough of Ringwood.

#### **Section VI. Penalties:**

Any person(s) found to be in violation of the provisions of this Ordinance shall be subject to the penalties stated in Chapter 1, Section 1-5 for each storm drain inlet that is not retrofitted to meet the design standard.

**Section VII. Severability:**

Each section, subsection, sentence, clause and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Ordinance to be unconstitutional, void or ineffective for any cause, or reason, shall not affect any other portion of this Ordinance.

**Section VIII. Effective Date:**

This Ordinance shall be in full force and effect from and after its adoption and any publication as may be required by law.

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TED TAUkus, MAYOR

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KELLEY A. ROHDE, RMC  
BOROUGH CLERK

Introduced: June 15, 2010  
Adopted: July 20, 2010  
Effective: August 9, 2010

LEGAL NOTICE  
BOROUGH OF RINGWOOD  
COUNTY OF PASSAIC  
NEW JERSEY

Ordinance No. 2010-#10

AN ORDINANCE TO AMEND CHAPTER 28  
STORMWATER MANAGEMENT OF THE REVISED  
ORDINANCES OF THE BOROUGH OF RINGWOOD  
TO INCLUDE A SECTION ON PRIVATE STORM  
DRAIN INLET RETROFITTING

NOTICE is hereby given that the ordinance published herewith was introduced and passed first reading at a Meeting of the Municipal Council of the Borough of Ringwood, in the County of Passaic, New Jersey held at the Violet E. Bogert Municipal Annex, 60 Margaret King Avenue, Ringwood, New Jersey on Tuesday, June 15, 2010, and will be considered for final passage at a Business Meeting of said Municipal Council of the Borough of Ringwood to be held on Tuesday, July 20, 2010 at 8:00 p.m., or as soon thereafter as same can be considered, at the Violet E. Bogert Municipal Annex, 60 Margaret King Avenue, Ringwood, New Jersey, at which time and place all persons interested therein or affected thereby will be given an opportunity to be heard concerning same. During the week prior and up to the time of public hearing, copies of said Ordinance will be available to the members of the general public who request same.

KELLEY A. ROHDE, RMC  
BOROUGH CLERK

1t: Sunday, June 20, 2010  
Fees: \$  
The Suburban Trends

LEGAL NOTICE  
BOROUGH OF RINGWOOD  
COUNTY OF PASSAIC  
NEW JERSEY

Ordinance No. 2010-#10

AN ORDINANCE TO AMEND CHAPTER 28  
STORMWATER MANAGEMENT OF THE REVISED  
ORDINANCES OF THE BOROUGH OF  
RINGWOOD TO INCLUDE A SECTION ON  
PRIVATE STORM DRAIN INLET RETROFITTING

NOTICE is hereby given that the above ordinance was adopted at the Business Meeting of the Municipal Council of the Borough of Ringwood, in the County of Passaic, New Jersey held at the Violet E. Bogert Municipal Annex, 60 Margaret King Avenue, Ringwood, New Jersey, on Tuesday, July 20, 2010 shall become effective twenty (20) days from the date of passage.

BY THE ORDER OF THE MUNICIPAL COUNCIL

KELLEY A. ROHDE, RMC  
BOROUGH CLERK

1t: Sunday, July 25, 2010  
Fees: \$  
The Trends