

FIRST READING

SECOND READING

Introduced by: Councilman Mirabelli	Councilman Wass
Seconded by: Councilman Wass	Councilman Turner
Roll call vote: Ayes: 5 Nays: 0	Ayes: 5 Nays: 0
Absent: Councilman Messler	Councilman Messler
Date: June 16, 2009	July 21, 2009

ORDINANCE 1158-2009

AN ORDINANCE REQUIRING RETROFITTING OF EXISTING STORM DRAIN INLETS IN DIRECT CONTACT WITH CONSTRUCTION WORK IN COMPLIANCE WITH THE NJDEP'S STORM WATER REGULATIONS

WHEREAS, the Borough has been designated a Tier A municipality under the NJDEP's Stormwater Regulation Program and, therefore, as part of the Borough's NJPDES permit requirements for its stormwater system the Borough is required to implement certain best management practices through the passage of municipal ordinances including this ordinance requiring retrofitting of existing storm drain inlets which are in direct contact with repaving, repairing, reconstruction, resurfacing or alterations of facilities on private property; and

WHEREAS, it is understood that stormwater/nonpoint sources are a significant source of pollution in the waters of our state and the Borough desires to do its part to protect the waters of this state.

NOW, THEREFORE, BE IT ORDAINED, by the Mayor and Council of the Borough of Mountainside, County of Union State of New Jersey as follows:

Section 1.

SECTION I. Purpose. An ordinance requiring the retrofitting of existing storm drain inlets which are in direct contact with repaving, repairing, reconstruction, 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 Borough's municipal separate storm sewer system so as to protect 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 ordinance 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 the Borough 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 including, but not limited to, a grate inlet, curb-opening inlet, slotted inlet, and combination inlet.

d. Waters of the State - the ocean and its estuaries, all springs, streams and bodies of surface or groundwater, 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 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 IV below prior to the completion of the project.

SECTION IV. Design Standard. Storm drain inlets identified herein 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.

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. 7:4-7.1(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 Police Department.

SECTION VI. Penalties. Any person(s) who is found to be in violation of the provisions of this ordinance shall be subject to a fine not less than one hundred dollars (\$100) but not exceeding two thousand dollars (\$2,000) for each storm drain inlet that is not retrofitted to meet the design standard.

Section 2. All ordinances or parts of ordinances inconsistent herewith are hereby repealed to the extent of such inconsistency.

Section 3. If any portion of this ordinance shall be determined to be invalid, such determination shall not affect the validity of the remaining portions of said ordinance.

Section 4. This ordinance shall take effect immediately upon final adoption and publication and in the manner provided by law.


Martha De Jesus, Borough Clerk


Paul N. Mirabelli, Acting Mayor