

**BOROUGH OF DEMAREST
COUNTY OF BERGEN**

ORDINANCE 1144-2024

**ORDINANCE AMENDING AND MODIFYING CHAPTER 149 OF THE DEMAREST
BOROUGH CODE**

Section 1. Purpose & Authority. The purpose of this ordinance is to modify and amend Chapter 149 Stormwater Control, Article II Retrofitting of Storm drains pursuant to N.J.S.A. 40:48-1, and 40:49-2.

Section 2. Amendments. (amendments are highlighted, deletions strikethrough).

§ 149-13 Purpose.

The purpose of this article is to require 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 stormwater sewer system(s) operated by the Borough of Demarest so as to protect the environment, public health, safety and welfare, and to prescribe penalties for the failure to comply. Installation of all new storm drain inlets must include a catch basin or other BMP designed for solids collection in areas which drain to surface waters and that do not have any other downstream BMPS prior to the surface water discharge.

§ 149-14 Definitions; word usage.

For the purpose of this article, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this article 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.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by the Borough or other public body, and is designed and used and used for collecting and conveying stormwater. MS4s do not include combined sewer systems, which are sewer systems

that are designed to carry sanitary sewage at all times and to collect and transport stormwater from streets and other sources.

[Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I)]

PERSON

Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

STORM DRAIN INLET

The point of entry into the storm sewer system, including 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.

~~WATERS OF THE STATE~~

~~The ocean and its estuaries, all springs, streams and bodies of surface water or groundwater, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.~~

~~§ 149-15 Prohibited conduct~~ Regulated Activities.

A. 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:

A. 1. Already meets the design standard below to control passage of solid and floatable materials; or

B. 2. Is retrofitted or replaced to meet the standard in § 149-16 below prior to the completion of the project.

B. The below design standard applies to the following types of storm drain inlet retrofit projects unless a more stringent standard is specified by the municipality's Stormwater Control Ordinance:

1. Privately-owned or operated storm drain inlets (e.g., condominium association) must be retrofitted where the storm drains are:

a. In direct contact with any repaving, repairing (excluding individual pothole repair), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen); or

b. In direct contact with any reconstruction or alteration of facilities. This does not include single family homes.

C. Grates in pavement or other ground surfaces shall meet either of the following standards:

1. The New Jersey Department of Transportation (NJDOT) bicycle safe grate standards described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (see www.state.nj.us/transportation/about/publicat/pdf/BikeComp/introtofac.pdf); or

2. A grate where each individual clear space in that grate has an area of no more than seven (7.0) square inches or is not greater than 0.5 inches across the smallest dimension. Note that the Residential Site Improvement Standards at N.J.A.C. 5:21 include requirements for bicycle safe grates.

a. Examples of grates subject to this standard include grates in grate inlets; the grate portion (noncurb 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 used to collect stormwater from the surface into a storm drain or surface water body.

b. For curb-openings inlets, including curb-opening inlets in combination inlets, the clear space in the 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.

§ 149-16 Design standard.

Storm drain inlets identified in § 149-15 above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this subsection, "solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids. For exemptions to this standard, see Subsection C of this section.

A. 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:

(1) The New Jersey Department of Transportation (NJDOT) bicycle-safe grate, which is described in Chapter 2.4 of NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996); or

(2) A different grate, if each individual clear space in that grate has an area of no more than seven square inches, or is no greater than 0.5 inches across the smallest dimension.

(3) 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.

B. 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 7.0 square inches, or be no greater than 2.0 inches across the smallest dimension.

C. This standard does not apply:

(1) 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;

(2) 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:

(a) A rectangular space $4 \frac{5}{8}$ inches long and $\frac{1}{2}$ inch wide (this option does not apply for outfall netting facilities); or

(b) A bar screen having a bar spacing of 0.5 inch.

(3) Where flows are conveyed through a trash rack that has parallel bars with one-inch spacing between the bars; or

(4) 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.

§ 149-17 Enforcement.

This article shall be enforced by the Police Department of the Borough of Demarest.

§ 149-18 Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,000 for each storm drain inlet that is not retrofitted to meet the design standard.

Section 3. Repealer. All prior ordinances that are inconsistent with this ordinance are repealed. All ordinances are hereby amended to be consistent with this ordinance and all ordinances, including this one, shall be construed consistent with the express purpose of this ordinance.

Section 4. Savings and Construction. This ordinance shall be construed consistent with the purpose stated in Section 1 hereof. Any ambiguities in this ordinance shall be construed in accordance with the purpose of this ordinance. If any part of this ordinance is invalidated by a court of competent jurisdiction, the remainder of this ordinance shall be saved to the full extent possible. This ordinance repeals provisions of the [] Code only where stated herein; otherwise this ordinance is amendatory and supplementary to existing provision of the [] Code.

Section 5. Codification. This ordinance shall be codified as amendments to the chapters set forth herein.

Section 6. Effective Date. This ordinance shall take effect immediately upon approval and publication of notice of adoption as provided by law.

Attest:

Approved:



Municipal Clerk



Mayor

Introduced: **July 22, 2024**

2nd Reading: August 26, 2024

Adopted: August 26, 2024