

Chapter 32

STORMWATER MANAGEMENT

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§ 32-1. IMPROPER DISPOSAL OF WASTE.

§ 32-1.1. Purpose. [Ord. No. 2005-90 § 1]

To prohibit the spilling, dumping, or disposal of materials other than stormwater to the municipal separate storm sewer system (MS4) operated by the Township of Lakewood, so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

§ 32-1.2. Definitions. [Ord. No. 2005-90 § 2]

For the purpose of this section, 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.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) — Shall mean 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 Township of Lakewood or other public body, and is designed and used for collecting and conveying stormwater. MS4's 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.

PERSON — Shall mean any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

STORMWATER — Shall mean water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

§ 32-1.3. Prohibited Conduct. [Ord. No. 2005-90 § 3; Ord. No. 2012-2 § 1]

- a. The spilling, dumping, or disposal of materials other than stormwater to the municipal separate storm sewer system operated by the Township of Lakewood is prohibited.
- b. The spilling, dumping, or disposal of materials other than stormwater in such a manner as to cause the discharge of pollutants to the municipal separate storm sewer system is also prohibited.
- c. Pumping sub-surface water from basement or crawl spaces in buildings including, but not limited to, foundation drains, interior sump pumps etc., onto the street, sidewalk, public way, etc., shall be prohibited. All such drainage waters shall be dispersed as per the current National Standard Plumbing Code figure 12.1.5A. Such discharge of water shall not pose a nuisance to neighboring properties. All violations and penalties incurred shall be the responsibility of the owner of said property as per the Uniform Construction Code.

§ 32-1.4. Exceptions to Prohibition. [Ord. No. 2005-4 § 4; Ord. No. 2012-2 § 2]

- a. Water line flushing and discharges from potable water sources.
- b. Air-conditioning condensate (excluding contact and non-contact cooling water).
- c. Irrigation water (including landscape and lawn watering runoff).
- d. Flows from springs, riparian habitats and wetlands, water reservoir discharges and diverted stream flows.
- e. Residential car washing water, and residential swimming pool discharges.
- f. Sidewalk, driveway and street wash water.
- g. Flows from firefighting activities.
- h. Flows from rinsing of the following equipment with clean water:
 1. Beach maintenance equipment immediately following their use for their intended purposes; and
 2. Equipment used in the application of salt and de-icing materials immediately following salt and de-icing material applications. Prior to rinsing with clean water, all residual salt and de-icing materials must be removed from equipment and vehicles to the maximum extent practicable using dry cleaning methods (e.g., shoveling and sweeping). Recovered materials are to be returned to storage for reuse or properly discarded.

Rinsing equipment, as noted in the above situation, is limited to exterior, undercarriage and exposed parts and does not apply to engines or other enclosed machinery.

§ 32-1.5. Enforcement. [Ord. No. 2005-90 § 5]

This ordinance shall be enforced by the Code Enforcement Officer and/or the Police Department of the Township of Lakewood.

§ 32-1.6. Penalties. [Ord. No. 2005-90 § 6]

Any person(s) who continues to be in violation of the provisions of this section, after being duly notified, shall be subject to a fine not to exceed \$1,000 and/or incarceration in the County jail for up to 90 days for each and every violation.

§ 32-2. ILLICIT CONNECTIONS.**§ 32-2.1. Purpose. [Ord. No. 2005-91 § 1]**

To prohibit illicit connections to the municipal separate storm sewer system(s) operated by the Township of Lakewood, so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

§ 32-2.2. Definitions. [Ord. No. 2005-91 § 2]

For the purpose of this section, 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. The definitions below are the same as or based on corresponding definitions in the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A-1.2.

DOMESTIC SEWAGE — Shall mean waste and wastewater from humans or household operations.

ILLICIT CONNECTION — Shall mean any physical or nonphysical connection that discharges domestic sewage, noncontact cooling water, process wastewater, or other industrial waste (other than stormwater) to the municipal separate storm sewer system operated by the Township of Lakewood, unless that discharge is authorized under a NJPDES permit other than the Tier A Municipal Stormwater General Permit (NJPDES Permit Number NJ0141852). Nonphysical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system.

INDUSTRIAL WASTE — Shall mean nondomestic waste, including, but not limited to, those pollutants regulated under Section 307(a), (b), or (c) of the Federal Clean Water Act (33 U.S.C. § 1317(a), (b), or (c)).

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) — Shall mean 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 Township of Lakewood or other public body, and is designed and used for collecting and conveying stormwater. MS4's 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.

NJPDES PERMIT — Shall mean a permit issued by the New Jersey Department of Environmental Protection to implement the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A.

NONCONTACT COOLING WATER — Shall mean water used to reduce temperature for the purpose of

cooling. Such waters do not come into direct contact with any raw material, intermediate product (other than heat) or finished product. Noncontact cooling water may, however, contain algacides, or biocides to control fouling of equipment such as heat exchangers, and/or corrosion inhibitors.

PERSON — Shall mean any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

PROCESS WASTEWATER — Shall mean any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product. Process wastewater includes, but is not limited to, leachate and cooling water other than non-contact cooling water.

STORMWATER — Shall mean water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

§ 32-2.3. Prohibited Conduct. [Ord. No. 2005-91 § 3]

No person shall discharge or cause to be discharged through an illicit connection to the municipal separate storm sewer system operated by the Township of Lakewood any domestic sewage, noncontact cooling water, process wastewater, or other industrial waste (other than stormwater).

§ 32-2.4. Enforcement. [Ord. No. 2005-91 § 4]

This chapter shall be enforced by the Code Enforcement Officer and/or the Police Department of the Township of Lakewood.

§ 32-2.5. Penalties. [Ord. No. 2005-91 § 6]

Any person(s) who continues to be in violation of the provisions of this ordinance, after being duly notified, shall be subject to a fine not to exceed \$1,000 and/or incarceration in the County jail for up to 90 days for each and every violation.

§ 32-3. PRIVATE STORM DRAIN INLET RETROFITTING.

§ 32-3.1. Purpose. [Ord. No. 2010-42]

The purpose of this section 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 storm sewer system(s) operated by Lakewood Township so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

§ 32-3.2. Definitions. [Ord. No. 2010-42]

For the purpose of this section, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this section 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) — Shall mean 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 Lakewood Township or other public body, and is designed and used for collecting and conveying stormwater.

PERSON — Shall mean any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

STORM DRAIN INLET — Shall mean 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 — Shall mean 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.

§ 32-3.3. Prohibited Conduct. [Ord. No. 2010-42]

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. Already meets the design standard below to control passage of solid and floatable materials; or
- b. Is retrofitted or replaced to meet the standard in subsection 32-3.4 below prior to the completion of the project.

§ 32-3.4. Design Standard. [Ord. No. 2010-42]

Storm drain inlets identified in subsection 32-3.3 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 subsection 32-3.4c below.

- 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 grade, which is described in Chapter 2.4 of the 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 (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 the 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 seven (7.0) square inches, or be no greater than two (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 four and five-eighths (4 5/8) inches long and one and one-half (1 1/2) inches wide (this option does not apply for outfall netting facilities); or
 - (b) A bar screen having a bar spacing of 0.5 inches.
 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.

§ 32-3.5. Enforcement. [Ord. No. 2010-42]

This section shall be enforced by Lakewood Township.

§ 32-3.6. Penalties. [Ord. No. 2010-42]

Any person(s) who is found to be in violation of the provisions of this section shall be subject to a fine not to exceed a fine up to \$500 per offense for each storm drain inlet that is not retrofitted to meet the design standard.

§ 32-4. REFUSE CONTAINERS—DUMPSTERS.

§ 32-4.1. Purpose. [Ord. No. 2010-43; Ord. No. 2010-59]

The purpose of this section is to require dumpsters and other refuse containers that are outdoors or exposed to stormwater to be covered at all times and prohibits the spilling, dumping, leaking, or otherwise discharge of liquids, semi-liquids or solids from the containers to the municipal separate storm sewer system(s) operated by the Lakewood Township and/or the waters of the State so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

§ 32-4.2. Definitions. [Ord. No. 2010-43; Ord. No. 2010-59]

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

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ditches, man-made channels, or storm drains) that is owned or operated by Lakewood Township or other public body, and is designed and used for collecting and conveying stormwater.

PERSON — Shall mean any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

REFUSE CONTAINER — Shall mean any waste container that a person controls whether owned, leased, or operated, including dumpsters, trash cans, garbage pails, and plastic trash bags.

STORMWATER — Shall mean water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

WATERS OF THE STATE — Shall mean 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.

§ 32-4.3. Prohibited Conduct. [Ord. No. 2010-43; Ord. No. 2010-59]

Any person who controls, whether owned, leased, or operated, a refuse container or dumpster must ensure that such container or dumpster is covered at all times and shall prevent refuse from spilling out or overflowing.

Any person who owns, leases or otherwise uses a refuse container or dumpster must ensure that such container or dumpster does not leak or otherwise discharge liquids, semi-liquids or solids to the municipal storm sewer system(s) operated by the Township of Lakewood.

§ 32-4.4. Exceptions to Prohibition. [Ord. No. 2010-43; Ord. No. 2010-59]

- a. Permitted temporary demolition containers.
- b. Litter receptacles (other than dumpsters or other bulk containers).
- c. Individual homeowner trash and recycling containers.
- d. Refuse containers at facilities authorized to discharge stormwater under a valid NJPDES permit.
- e. Large bulky items (e.g., furniture, bound carpet and padding, white goods placed curbside for pickup).

§ 32-4.5. Enforcement. [Ord. No. 2010-43; Ord. No. 2010-59]

This section shall be enforced by Lakewood Township.

§ 32-4.6. Penalties. [Ord. No. 2010-43; Ord. No. 2010-59]

Any person(s) who is found to be in violation of the provisions of this section shall be subject to a fine not to exceed up to \$500 per offense plus court costs.

§ 32-5. PRIVATELY-OWNED SALT STORAGE.

§ 32-5.1. Purpose. [Added 5-16-2024 by Ord. No. 2024-014]

The purpose of this section is to prevent stored salt and other solid de-icing materials from being exposed

to stormwater. This section establishes requirements for the storage of salt and other solid de-icing materials on properties not owned or operated by the municipality (privately-owned), including residences, in Lakewood Township to protect the environment, public health, safety and welfare, and to prescribe penalties for failure to comply.

§ 32-5.2. Definitions. [Added 5-16-2024 by Ord. No. 2024-014]

For the purpose of this section, 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 consistent 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.

DE-ICING MATERIALS — Means any granular or solid material such as melting salt or any other granular solid that assists in the melting of snow.

IMPERVIOUS SURFACE — Means a surface that has been covered with a layer of material so that it is highly resistant to infiltration by water.

PERMANENT STRUCTURE — Means a permanent building or permanent structure that is anchored to a permanent foundation with an impermeable floor, and that is completely roofed and walled (new structures require a door or other means of sealing the access way from wind driven rainfall).

A fabric frame structure is a permanent structure if it meets the following specifications:

- a. Concrete blocks, jersey barriers or other similar material shall be placed around the interior of the structure to protect the side walls during loading and unloading of de-icing materials;
- b. The design shall prevent stormwater run-on and run through, and the fabric cannot leak;
- c. The structure shall be erected on an impermeable slab;
- d. The structure cannot be open sided; and
- e. The structure shall have a roll up door or other means of sealing the access way from wind driven rainfall.

PERSON — Means any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

RESIDENT — A person who resides on a residential property where de-icing material is stored.

STORM DRAIN INLET — Means the point of entry into the storm sewer system.

§ 32-5.3. Deicing Material Storage Requirements. [Added 5-16-2024 by Ord. No. 2024-014]

- a. Temporary outdoor storage of de-icing materials in accordance with the requirements below is allowed between October 15th and April 15th:
 1. Loose materials shall be placed on a flat, impervious surface in a manner that prevents stormwater run-through;
 2. Loose materials shall be placed at least 50 feet from surface water bodies, storm drain inlets, ditches and/or other stormwater conveyance channels;
 3. Loose materials shall be maintained in a cone-shaped storage pile. If loading or unloading activities alter the cone-shape during daily activities, tracked materials shall be swept back into

the storage pile, and the storage pile shall be reshaped into a cone after use;

4. Loose materials shall be covered as follows:
 - (a) The cover shall be waterproof, impermeable, and flexible;
 - (b) The cover shall extend to the base of the pile(s);
 - (c) The cover shall be free from holes or tears;
 - (d) The cover shall be secured and weighed down around the perimeter to prevent removal by wind; and
 - (e) Weight shall be placed on the cover(s) in such a way that minimizes the potential of exposure as materials shift and runoff flows down to the base of the pile.
 - (1) Sandbags lashed together with rope or cable and placed uniformly over the flexible cover, or poly-cord nets provide a suitable method. Items that can potentially hold water (e.g., old tires) shall not be used;
 5. Containers must be sealed when not in use; and
 6. The site shall be free of all de-icing materials between April 16th and October 14th.
- b. De-icing materials should be stored in a permanent structure if a suitable storage structure is available. For storage of loose de-icing materials in a permanent structure, such storage may be permanent, and thus not restricted to October 15 - April 15.
 - c. All such temporary and/or permanent structures must also comply with all other Lakewood Township ordinances, including building and zoning regulations.
 - d. The property owner, or owner of the de-icing materials if different, shall designate a person(s) responsible for operations at the site where these materials are stored outdoors, and who shall document that weekly inspections are conducted to ensure that the conditions of this ordinance are met. Inspection records shall be kept on site and made available to the municipality upon request.
 1. Residents who operate businesses from their homes that utilize de-icing materials are required to perform weekly inspections.

§ 32-5.4. Exemptions. [Added 5-16-2024 by Ord. No. 2024-014]

Residents may store de-icing materials outside in a solid-walled, closed container that prevents precipitation from entering and exiting the container, and which prevents the de-icing materials from leaking or spilling out. Under these circumstances, weekly inspections are not necessary, but repair or replacement of damaged or inadequate containers shall occur within two weeks.

If containerized (in bags or buckets) de-icing materials are stored within a permanent structure, they are not subject to the storage and inspection requirements in subsection 32-5.3 above. Piles of de-icing materials are not exempt, even if stored in a permanent structure.

This section does not apply to facilities where the stormwater discharges from de-icing material storage activities are regulated under another NJPDES permit.

§ 32-5.5. Enforcement. [Added 5-16-2024 by Ord. No. 2024-014]

This section shall be enforced by the Lakewood Township Code Enforcement offices during the course of ordinary enforcement duties.