

ORDINANCE NO. 2024-5

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,  
COUNTY OF OCEAN, STATE OF NEW JERSEY  
AMENDING AND SUPPLEMENTING CHAPTER 322  
OF THE TOWNSHIP CODE ENTITLED  
"STORMWATER CONTROL" AND SPECIFICALLY  
ARTICLE I THEREOF ENTITLED "NON  
PINELANDS AREAS"**

**NOW THEREFORE BE IT ORDAINED** by the Mayor and Township Committee of the Township of Ocean, County of Ocean, and State of New Jersey that Chapter 322 of the Township Code entitled "Stormwater Control" and specifically Article I therefore entitled "Non-Pineland Areas" shall read as follows:

**SECTION 1.**

Chapter 322 of the Township Code entitled "Stormwater Control" and specifically Article I thereof entitled "Non-Pineland Areas" is hereby amended and supplemented and shall read as follows:

**§322-1 Scope and Purpose.**

**A. Policy Statement**

Flood control, groundwater recharge, and pollutant reduction shall be achieved through the use of stormwater management measures, including green infrastructure Best Management Practices (GI BMPs) and nonstructural stormwater management strategies. GI BMPs should be utilized to meet the goal of maintaining natural hydrology to reduce stormwater runoff volume, reduce erosion, encourage infiltration and groundwater recharge, and reduce pollution. GI BMPs should be developed based upon physical site conditions and the origin, nature and the anticipated quantity, or amount, of potential pollutants. Multiple stormwater management BMPs may be necessary to achieve the established performance standards for green infrastructure, water quality, quantity, and groundwater recharge.

**B. Purpose**

The purpose of this ordinance is to establish minimum stormwater management requirements and controls for "major development," as defined below in §322-2 .

**C. Applicability**

1. This ordinance shall be applicable to the following major developments:
  - i. Non-residential major developments and redevelopment projects; and
  - ii. Aspects of residential major developments and redevelopment projects that are not pre-empted by the Residential Site Improvement Standards at N.J.A.C. 5:21 et seq.
2. This ordinance shall also be applicable to all major developments undertaken by the Township of Ocean.
3. Applicability of this ordinance to major developments shall comply with last amended N.J.A.C. 7:8-1.6, incorporated herein by reference.

**D. Compatibility with Other Permit and Ordinance Requirements**

Development approvals issued pursuant to this ordinance are to be considered an integral part of development approvals and do not relieve the applicant of the responsibility to secure required permits or approvals for activities regulated by any other applicable code, rule, act, or ordinance. In their interpretation and application, the provisions of this ordinance shall be held to be the minimum requirements for the promotion of the public health, safety, and general welfare.

This ordinance is not intended to interfere with, abrogate, or annul any other ordinances, rule or regulation, statute, or other provision of law except that, where any provision of this ordinance imposes restrictions different from those imposed by any other ordinance, rule or regulation, or other provision of law, the more restrictive provisions or higher standards shall control.

### **§322-2. 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 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. The definitions used in this ordinance shall be the same as the last amended Stormwater Management Rules at N.J.A.C. 7:8-1.2, incorporated herein by reference.

### **§322-3. Design and Performance Standards for Stormwater Management Measures.**

This section establishes design and performance standards for stormwater management measures for major development intended to minimize the adverse impact of stormwater runoff on water quality and water quantity and loss of groundwater recharge in receiving water bodies. Design and performance standards for stormwater management measures shall comply with last amended N.J.A.C. 7:8-5, incorporated herein by reference.

### **§322-4. Solids and Floatable Materials Control Standards.**

A. Site design features identified under §322-3 above, or alternative designs in accordance with §322-3 above, to prevent discharge of trash and debris from drainage systems 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 § 322-4.A.2 below.

1. Design engineers shall use one 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:

- i. 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; or
- ii. 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. Note that the Residential Site Improvement Standards at N.J.A.C. 5:21 include requirements for bicycle safe grates.

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 system floors used to collect stormwater from the surface into a storm drain or surface water body.

- iii. For curb-opening inlets, including curb-opening inlets in combination inlets, 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.

2. The standard in § 322-4.A.1. above does not apply:

- i. Where each individual clear space in the curb opening in existing curb-opening inlet does not have an area of more than nine (9.0) square inches;
- ii. Where the municipality agrees that the standards would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets;
- iii. Where flows from the water quality design storm as specified in the last amended Stormwater Management rules at N.J.A.C. 7:8 et seq. are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed,

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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 (4.625) inches long and one and one-half (1.5) inches wide (this option does not apply for outfall netting facilities); or
- b. A bar screen having a bar spacing of 0.5 inches.

Note that these exemptions do not authorize any infringement of requirements in the Residential Site Improvement Standards for bicycle safe grates in new residential development (N.J.A.C. 5:21-4.18(b)2 and 7.4(b)1).

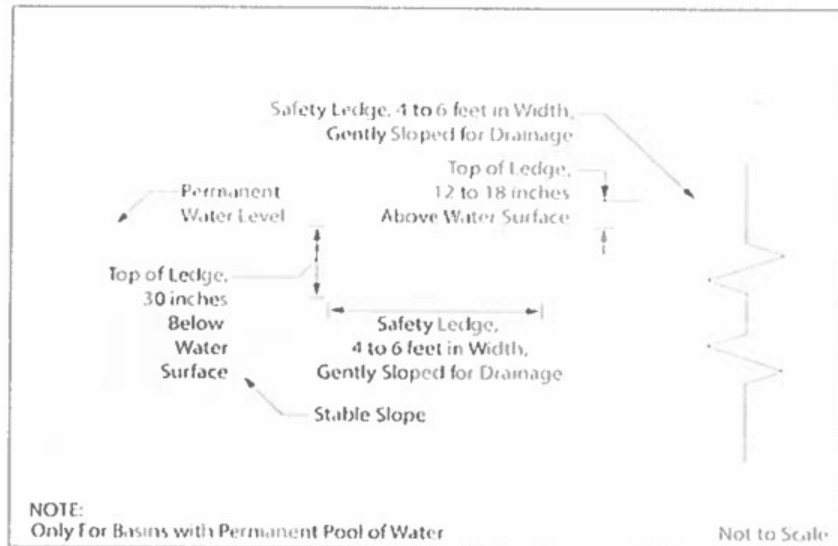
- iv. Where flows are conveyed through a trash rack that has parallel bars with one inch (1 inch) spacing between the bars, to the elevation of the Water Quality Design Storm as specified in N.J.A.C. 7:8; or
- v. Where the New Jersey Department of Environmental Protection determines, pursuant to the 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.

#### **§322-5. Safety Standards for Stormwater Management Basins.**

A. This section sets forth requirements to protect public safety through the proper design and operation of stormwater management basins. This section applies to any new stormwater management basin. Safety standards for stormwater management measures shall comply with last amended N.J.A.C. 7:8-6, incorporated herein by reference.

- b. Safety Ledge Illustration

Elevation View – Basin Safety Ledge Configuration



### §322-6. Requirements for a Site Development Stormwater Plan.

#### A. Submission of Site Development Stormwater Plan

1. Whenever an applicant seeks municipal approval of a development subject to this ordinance, the applicant shall submit all of the required components of the Checklist for the Site Development Stormwater Plan at §322-6.C below as part of the submission of the application for approval.
2. The applicant shall demonstrate that the project meets the standards set forth in this ordinance.
3. The applicant shall submit [*specify number*] copies of the materials listed in the checklist for site development stormwater plans in accordance with §322-6.C of this ordinance.

#### B. Site Development Stormwater Plan Approval

The applicant's Site Development project shall be reviewed as a part of the review process by the municipal board or official from which municipal approval is sought. That municipal board or official shall consult the municipality's review engineer to determine if all of the checklist requirements have been satisfied and to determine if the project meets the standards set forth in this ordinance.

#### C. Submission of Site Development Stormwater Plan

The following information shall be required:

##### 1. Topographic Base Map

The reviewing engineer may require upstream tributary drainage system information as necessary. It is recommended that the

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topographic base map of the site be submitted which extends a minimum of 200 feet beyond the limits of the proposed development, at a scale of 1"=200' or greater, showing 2-foot contour intervals. The map as appropriate may indicate the following: existing surface water drainage, shorelines, steep slopes, soils, erodible soils, perennial or intermittent streams that drain into or upstream of the Category One waters, wetlands and flood plains along with their appropriate buffer strips, marshlands and other wetlands, pervious or vegetative surfaces, existing man-made structures, roads, bearing and distances of property lines, and significant natural and manmade features not otherwise shown.

2. Environmental Site Analysis

A written and graphic description of the natural and man-made features of the site and its surroundings should be submitted. This description should include a discussion of soil conditions, slopes, wetlands, waterways and vegetation on the site. Particular attention should be given to unique, unusual, or environmentally sensitive features and to those that provide particular opportunities or constraints for development.

3. Project Description and Site Plans

A map (or maps) at the scale of the topographical base map indicating the location of existing and proposed buildings roads, parking areas, utilities, structural facilities for stormwater management and sediment control, and other permanent structures. The map(s) shall also clearly show areas where alterations will occur in the natural terrain and cover, including lawns and other landscaping, and seasonal high groundwater elevations. A written description of the site plan and justification for proposed changes in natural conditions shall also be provided.

4. Land Use Planning and Source Control Plan

This plan shall provide a demonstration of how the goals and standards of § 322-3 are being met. The focus of this plan shall be to describe how the site is being developed to meet the objective of controlling groundwater recharge, stormwater quality and stormwater quantity problems at the source by land management and source controls whenever possible.

5. Stormwater Management Facilities Map

The following information, illustrated on a map of the same scale as the topographic base map, shall be included:

- i. Total area to be disturbed, paved or built upon, proposed surface contours, land area to be occupied by the stormwater management facilities and the type of vegetation thereon, and details of the proposed plan to control and dispose of stormwater.
- ii. Details of all stormwater management facility designs, during and after construction, including discharge provisions, discharge capacity for each outlet at different levels of detention and emergency spillway provisions with maximum discharge capacity of each spillway.

6. Calculations

- i. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in § 322-3 of this ordinance.
- ii. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of §322-7.

8. Waiver from Submission Requirements

The municipal official or board reviewing an application under this ordinance may, in consultation with the municipality's review engineer, waive submission of any of the requirements in § 322-6.C.1 through § 322-6.C.6 of this ordinance when it can be demonstrated that the information requested is impossible to obtain or it would create a hardship on the applicant to obtain and its absence will not materially affect the review process.

**§322-7. Maintenance and Repair.**

A. Applicability

Projects subject to review as in § 322-1.C of this ordinance shall comply with the requirements of § 322-7.B and §322-7.C.



B. General Maintenance

1. Maintenance for stormwater management measures shall comply with last amended N.J.A.C. 7:8-5.8, incorporated herein by reference.
2. The following requirements of N.J.A.C. 7:8-5.8 do not apply to stormwater management facilities that are dedicated to and accepted by the municipality or another governmental agency, subject to all applicable municipal stormwater general permit conditions, as issued by the Department:
  - i. If the maintenance plan identifies a person other than the property owner (for example, a developer, a public agency or homeowners' association) as having the responsibility for maintenance, the plan shall include documentation of such person's or entity's agreement to assume this responsibility, or of the owner's obligation to dedicate a stormwater management facility to such person under an applicable ordinance or regulation; and
  - ii. Responsibility for maintenance shall not be assigned or transferred to the owner or tenant of an individual property in a residential development or project, unless such owner or tenant owns or leases the entire residential development or project. The individual property owner may be assigned incidental tasks, such as weeding of a green infrastructure BMP, provided the individual agrees to assume these tasks; however, the individual cannot be legally responsible for all of the maintenance required.
3. In the event that the stormwater management facility becomes a danger to public safety or public health, or if it is in need of maintenance or repair, the municipality shall so notify the responsible person in writing. Upon receipt of that notice, the responsible person shall have fourteen (14) days to effect maintenance and repair of the facility in a manner that is approved by the municipal engineer or his designee. The municipality, in its discretion, may extend the time allowed for effecting maintenance and repair for good cause. If the responsible person fails or refuses to perform such maintenance and repair, the municipality or County may immediately proceed to do so and shall bill the cost thereof to the responsible person. Nonpayment of such bill may result in a lien on the property.

- C. Nothing in this subsection shall preclude the municipality in which the major development is located from requiring the posting of a performance or maintenance guarantee in accordance with N.J.S.A. 40:55D-53.

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D. Stormwater basin access.

1. The facility must be readily accessible from a street or other public right-of-way. Inspection and maintenance easements, connected to the street or right-of-way, should be provided around the entire facility. The exact limits of the easements and rights-of way should be specified on the project plans and other appropriate documents.
2. Access roads and gates shall be wide enough to allow passage of necessary maintenance vehicles and equipment, including trucks, backhoes, grass mowers, and mosquito control equipment. In general, a minimum right-of-way width of 15 feet and a minimum roadway width of 12 feet is required.
3. To facilitate entry, a curb cut shall be provided where an access road meets a curbed roadway.
4. To allow safe movement of maintenance vehicles, access ramps shall be provided to the bottom of all detention facilities greater than three feet in depth. Access ramps should not exceed 10% in grade.
5. Access roads and ramps shall be stable and suitably lined to prevent rutting and other Township of Ocean, NJ §322-10 §322-10 Downloaded from <https://ecode360.com/OC2941> on 2024-04-04 damage by maintenance vehicles and equipment.
6. When backing up is difficult or dangerous, turning around areas should be provided at the end of all access roads.
7. All stormwater basins shall be perimeter fenced for safety purposes. The minimum fence height shall be four feet.
8. To allow safe movement of maintenance personnel and safe operation of equipment, fences shall be located at least three feet beyond the top or toe of any slope steeper than five horizontal to one vertical.
9. Fences shall be constructed of durable, vandal-resistant materials. Fences must meet all municipal code requirements.
10. Bottom fence rails shall be set at a maximum height of six inches above finished grade.
11. Facility perimeters should be sized and stabilized to allow movement and operation of maintenance and mosquito control equipment. A minimum perimeter width of 25 feet between the facility and adjacent structures is required along at least one side of the facility. This portion of the perimeter shall be readily

accessible from a street or other public or private right-of-way. Gates shall be equipped with a double lock system in cooperation with the Ocean County Mosquito Extermination Commission to permit same access to the basins.

12. The top of bank for facilities constructed in cut and the toe of slope for facilities constructed in fill shall be located no closer than 10 feet to an existing or proposed property line.
13. Detention basins shall be attractively buffered and landscaped and designed as to minimize propagation of insects, particularly mosquitoes. All landscaping and buffering shall be approved by the Board Engineer.
14. For safe movement of personnel and safe operation of equipment, side slopes greater than five feet in height shall not be steeper than four horizontal to one vertical. Side slopes five feet or less in height shall not be steeper than three horizontal to one vertical. Flatter side slopes shall be constructed wherever possible.
15. For safe movement of personnel and safe operation of equipment, side slopes steeper than five to one and higher than four feet shall be terraced at their midpoints. The terrace shall have a minimum width of three feet and shall be graded at 2% towards the lower half of the slope.
16. Suitable access to and alongside slopes shall be provided for maintenance personnel and equipment.

E. Maintenance guarantee.

The applicant shall provide a maintenance guarantee to ensure that all stormwater management measures required under the provisions of this article will be maintained in perpetuity according to the specifications established herein. Conditioned upon Ocean Township's approval, this may be accomplished by various mechanisms, including, but not limited to, the following:

1. The applicant may be required to post a bond or other financial assurance mechanism in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures;
2. Ocean Township may collect an up-front fee from the applicant in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures. This up-front fee shall be expended by Ocean Township for the sole purpose of conducting maintenance activities (including repair and renovation, if needed) for all stormwater

management measures required under the applicant's major development application approval;

3. The applicant may dedicate all stormwater management measures to Ocean Township, subsequent to which the Township shall assume all maintenance responsibilities; or
4. The applicant may be required to deposit funds in escrow in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures.

F. Stormwater management maintenance fees. For purposes of this section, the calculation of the maintenance fee will be based on the type of stormwater management system, which is to serve the development, that is, a surface system, such as a detention or retention basin, and subsurface infiltration system or a combination of the above. The fee shall be determined as follows:

1. Surface stormwater management systems (detention or retention basins). The amount of the maintenance fee shall be the annual maintenance cost per acre multiplied by the twenty-five-year maintenance period multiplied by the maintenance area in acres. The maintenance area of the stormwater management basin shall be defined to be the area included within a line drawn around the top of the bank of the basin, plus an additional 25 feet outward from the top of the bank. The annual maintenance cost per acre shall be \$1,500. The minimum contribution, regardless of the size of the basin, will be \$15,000.
2. Surface infiltration system. The amount of the maintenance fee shall be determined as follows: \$2 per linear foot of the infiltration system per year for maintenance multiplied by a twenty-five-year period, plus twice the cost of the subsurface infiltration system (not including structures). The replacement cost shall be the amount of the performance guaranties for the subsurface infiltration system, plus the amount of \$50 per linear foot for road repair for any portion of the roadway disturbed by such replacement determined by the Township Engineer. The minimum fee, regardless of the length of infiltration system, shall be \$15,000.
3. Combination systems. The required fee shall be based on a combined total of the above.

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**§322-8. Penalties & Penalties.**

Any person(s) who erects, constructs, alters, repairs, converts, maintains, or uses any building, structure or land in violation of this ordinance shall be subject to the following penalties:

- A. Any person, firm, corporation, partnership or other business association found guilty of violating any of the provisions of this article shall be subject to a fine of not more than \$2,500 for each offense and/or confinement in the Ocean County Jail for a period of not more than 30 days. In case of a continuing violation or violations, a fine of not more than \$500 may be assessed for each day that said violation or violations continue unabated until such time as same is corrected.

**SECTION 2.** 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 3.** All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

**SECTION 4.** If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.


**SECTION 5.** This ordinance shall take effect after second reading and publication as required by law.

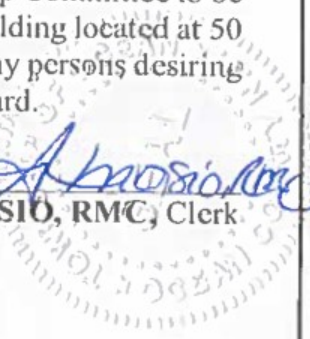
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**NOTICE**

**NOTICE IS HEREBY GIVEN** that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 16<sup>th</sup> day of April, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 21<sup>st</sup> day of May, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.

  
**DIANE B. AMBROSIO, RMC, Clerk**  
Township of Ocean



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