

**PUBLIC MEETING
MUNICIPAL BUILDING**

**DECEMBER 10, 2024
DELRAN, NJ**

CALL TO ORDER

SALUTE TO THE FLAG

Sunshine Statement: Be advised that proper notice has been given by the Township Council in accordance with the sunshine law in the following manner. Notice advertised in the Burlington County Times and Camden Courier Post on January 4, 2024 and posted on the bulletin board on the same date.

ROLL CALL: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell were present.

ALSO PRESENT: Mr. Catrambone, Mayor, Mr. Wright, Solicitor, Mr. Bellina, Administrator, and Ms. Eggers, Township Clerk

ORDINANCE(S) ON SECOND READING

TOWNSHIP OF DELRAN

ORDINANCE 2024-21

AN ORDINANCE TO ESTABLISH SALARIES FOR VARIOUS EMPLOYEES OF THE TOWNSHIP OF DELRAN, COUNTY OF BURLINGTON, STATE OF NEW JERSEY COVERED UNDER THE DELRAN LIEUTENANT'S CONTRACT AND REGULATING THE MANNER OF PAYMENT OF SAME

BE IT ORDAINED by the Township Council of the Township of Delran in the County of Burlington and State of New Jersey that:

SECTION I. ANNUAL SALARIES

- A. The base salaries of all employees covered under the Delran Lieutenant's Association Agreement will be as follows per annum, per year indicated. These annual salaries are paid on a biweekly basis.

ANNUAL SALARY

| | |
|----------------------------------|----------------------|
| Beginning January 1, 2021 | \$ 122,095.00 |
| Beginning January 1, 2022 | \$ 125,147.00 |
| Beginning January 1, 2023 | \$ 128,276.00 |
| Beginning January 1, 2024 | \$ 131,803.00 |

SECTION II Repeal - All Ordinances or parts of Ordinances inconsistent with the terms of this Ordinance are hereby repealed to the extent of their inconsistency.

SECTION III Adoption - This Ordinance shall take effect immediately upon its final adoption and publication according to law. This Ordinance is retroactive to January 1, 2021.

Mr. Lyon made a motion to open the meeting to the public, seconded by Mrs. Apeadu. All were in favor, motion approved.

There were no comments.

Mr. Jeney made a motion to close the public portion, seconded by Mr. Smith. All were in favor, motion approved.

Mr. Lyon made a motion, seconded by Mrs. Apeadu to adopt Ordinance 2024-21 on second reading.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

**TOWNSHIP OF DELRAN
ORDINANCE 2024-22**

AN ORDINANCE TO ESTABLISH SALARIES FOR VARIOUS EMPLOYEES WITHIN THE TOWNSHIP OF DELRAN, COUNTY OF BURLINGTON, STATE OF NEW JERSEY AND REGULATING THE MANNER OF PAYMENT OF SAME

WHEREAS, the Township Council of the Township of Delran, to remain in compliance with N.J.S.A 40A:9-165 desires to amend the Salary Ordinance presently in place.

NOW, THEREFORE, BE IT ORDAINED by the Township Council of the Township of Delran in the County of Burlington and State of New Jersey that:

The salaries and wages shall be effective for all employees, as indicated below, and remain in full force and effect until amended, modified, or repealed:

SECTION I. ANNUAL SALARIES

- A.** The base salaries of all employees listed below will be as follows per annum, per year indicated. These annual salaries are paid on a biweekly or monthly basis. This Ordinance is retroactive to September 1, 2024.

| POSITIONS | 2024 |
|---|--------------------------|
| Supervising Heavy Equipment Operator | \$81,127-\$89,239 |
| Supervisor of Garage Services | \$81,127-\$89,239 |

Section II Repeal – All Ordinances or part of Ordinances inconsistent with the terms of this Ordinance are hereby repealed to the extent of their inconsistency.

Section III Adoption – This Ordinance shall take effect immediately upon its final adoption and publication according to law.

Mr. Smith made a motion to open the meeting to the public, seconded by Mr. Jeney. All were in favor, motion approved.

There were no comments.

Mr. Jeney made a motion to close the public portion, seconded by Mrs. Apeadu. All were in favor, motion approved.

Mr. Lyon made a motion, seconded by Mr. Smith to adopt Ordinance 2024-22 on second reading.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

**TOWNSHIP OF DELRAN, NEW JERSEY
ORDINANCE 2024-23**

BOND ORDINANCE AUTHORIZING THE UNDERTAKING OF VARIOUS ROADWAY AND EROSION MITIGATION IMPROVEMENTS IN AND FOR THE TOWNSHIP OF DELRAN; APPROPRIATING THE SUM OF \$525,000 THEREFOR; AUTHORIZING THE ISSUANCE OF GENERAL OBLIGATION BONDS OR BOND ANTICIPATION NOTES OF THE TOWNSHIP OF DELRAN, COUNTY OF BURLINGTON, NEW JERSEY, IN THE AGGREGATE PRINCIPAL AMOUNT NOT TO EXCEED \$498,750; MAKING CERTAIN DETERMINATIONS AND COVENANTS; AND AUTHORIZING CERTAIN RELATED ACTIONS IN CONNECTION WITH THE FOREGOING

BE IT ORDAINED by the Township Council of the Township of Delran, County of Burlington, New Jersey (not less than two-thirds of all the members thereof affirmatively concurring), pursuant to the provisions of the Local Bond Law, Chapter 169 of the Laws of 1960 of the State of New Jersey, as amended and supplemented ("Local Bond Law"), as follows:

Section 1. The purposes described in Section 7 hereof are hereby authorized as general improvements to be made or acquired by the Township of Delran, County of Burlington, New Jersey ("Township").

Section 2. It is hereby found, determined and declared as follows:

(a) the estimated amount to be raised by the Township from all sources for the

purposes stated in Section 7 hereof is \$525,000;

- (b) the estimated amount of bonds or bond anticipation notes to be issued for the purposes stated in Section 7 hereof is \$498,750; and
- (c) a down payment in the amount of \$26,250 for the purposes stated in Section 7 hereof is currently available in accordance with the requirements of Section 11 of the Local Bond Law, *N.J.S.A. 40A:2-11*.

Section 3. The sum of \$498,750, to be raised by the issuance of bonds or bond anticipation notes, together with the sum of \$26,250, which amount represents the required down payment, are hereby appropriated for the purposes stated in this bond ordinance ("Bond Ordinance").

Section 4. The issuance of negotiable bonds of the Township in an amount not to exceed \$498,750 to finance the costs of the purposes described in Section 7 hereof is hereby authorized. Said bonds shall be sold in accordance with the requirements of the Local Bond Law.

Section 5. In order to temporarily finance the purposes described in Section 7 hereof, the issuance of bond anticipation notes of the Township in an amount not to exceed \$498,750 is hereby authorized. Pursuant to the Local Bond Law, the Chief Financial Officer is hereby authorized to sell part or all of the bond anticipation notes from time to time at public or private sale and to deliver the same to the purchasers thereof upon receipt of payment of the purchase price plus accrued interest from their date to delivery thereof. The Chief Financial Officer is hereby directed to report in writing to the governing body at the meeting next succeeding the date when any sale or delivery of the bond anticipation notes pursuant to this Bond Ordinance is made. Such report must include the amount, the description, the interest rate and the maturity schedule of the bond anticipation notes sold, the price obtained and the name of the purchaser.

Section 6. The amount of the proceeds of the obligations authorized by this Bond Ordinance which may be used for the payment of interest on such obligations, accounting, engineering, legal fees and other items as provided in Section 20 of the Local Bond Law, *N.J.S.A. 40A:2-20*, shall not exceed the sum of \$105,000.

Section 7. The improvements hereby authorized and the purposes for which said obligations are to be issued; the estimated costs of each said purpose; the amount of down payment for each said purpose; the maximum amount of obligations to be issued for each said purpose and the period of usefulness of each said purpose within the limitations of the Local Bond Law are as follows:

| | <u>Purpose/Improvement</u> | <u>Estimated Total Cost</u> | <u>Down Payment</u> | <u>Amount of Obligations</u> | <u>Period of Usefulness</u> |
|----|--|-----------------------------|---------------------|------------------------------|-----------------------------|
| A. | Various Roadway Improvements as part of the 2025 Roadway Improvement Program including, but not limited to, Bentwood Drive, Yardley Road, Holyoke Road, Rutgers Drive, Penn Drive, Dartmouth Drive, Princeton Drive and Suburban Boulevard, together with the completion of all work necessary therefor or related thereto | \$450,000 | \$22,500 | \$427,500 | 10 years |

| | | | | | |
|----|---|------------------|-----------------|------------------|----------|
| B. | Erosion Mitigation and Associated Roadway Improvements for Haines Mill Road, together with the completion of all work necessary therefor or related thereto | 75,000 | 3,750 | 71,250 | 10 years |
| | Total: | \$525,000 | \$26,250 | \$498,750 | |

Section 8. The average period of useful life of the several purposes for the financing of which this Bond Ordinance authorizes the issuance of bonds or bond anticipation notes, taking into consideration the respective amounts of bonds or bond anticipation notes authorized for said several purposes, is not less than 10 years.

Section 9. Grants or other monies received from any governmental entity, if any, will be applied to the payment of, or repayment of obligations issued to finance, the costs of the purposes described in Section 7 above.

Section 10. The supplemental debt statement provided for in Section 10 of the Local Bond Law, N.J.S.A. 40A:2-10, was duly filed in the office of the Clerk prior to the passage of this Bond Ordinance on first reading and a complete executed duplicate original thereof has been filed in the Office of the Director of the Division of Local Government Services in the Department of Community Affairs of the State of New Jersey. The supplemental debt statement shows that the gross debt of the Township, as defined in Section 43 of the Local Bond Law, N.J.S.A. 40A:2-43, is increased by this Bond Ordinance by \$498,750 and that the obligations authorized by this Bond Ordinance will be within all debt limitations prescribed by said Local Bond Law.

Section 11. The full faith and credit of the Township are irrevocably pledged to the punctual payment of the principal of and interest on the bonds or bond anticipation notes authorized by this Bond Ordinance, and to the extent payment is not otherwise provided, the Township shall levy ad valorem taxes on all taxable real property without limitation as to rate or amount for the payment thereof.

Section 12. The applicable Capital Budget is hereby amended to conform with the provisions of this Bond Ordinance to the extent of any inconsistency therewith, and the resolution promulgated by the Local Finance Board showing full detail of the amended Capital Budget and Capital Program as approved by the Director of the Division of Local Government Services, is on file with the Clerk and available for inspection.

Section 13. The Township hereby declares its intent to reimburse itself from the proceeds of the bonds or bond anticipation notes authorized by this Bond Ordinance pursuant to Income Tax Regulation Section 1.150-2(e), promulgated under the Internal Revenue Code of 1986, as amended ("Code"), for "original expenditures", as defined in Income Tax Regulation Section 1.150-2(c)(2), made by the Township prior to the issuance of such bonds or bond anticipation notes.

Section 14. The Township hereby covenants as follows:

(a) it shall take all actions necessary to ensure that the interest paid on the bonds or bond anticipation notes authorized by the Bond Ordinance is exempt from the gross income of the owners thereof for federal income taxation purposes, and will not become a specific item of tax preference pursuant to Section 57(a)(5) of the Code;

(b) it will not make any use of the proceeds of the bonds or bond

anticipation notes or do or suffer any other action that would cause the bonds or bond anticipation notes to be "arbitrage bonds" as such term is defined in Section 148(a) of the Code and the Regulations promulgated thereunder;

(c) it shall calculate or cause to be calculated and pay, when due, the rebatable arbitrage with respect to the "gross proceeds" (as such term is used in Section 148(f) of the Code) of the bonds or bond anticipation notes;

(d) it shall timely file with the Internal Revenue Service, such information report or reports as may be required by Sections 148(f) and 149(e) of the Code; and

(e) it shall take no action that would cause the bonds or bond anticipation notes to be "federally guaranteed" within the meaning of Section 149(b) of the Code.

Section 15. The improvements authorized hereby are not current expenses and are improvements that the Township may lawfully make. No part of the cost of the improvements authorized hereby has been or shall be specially assessed on any property specially benefited thereby.

Section 16. All ordinances, or parts of ordinances, inconsistent herewith are hereby repealed to the extent of such inconsistency.

Section 17. In accordance with the Local Bond Law, this Bond Ordinance shall take effect twenty (20) days after the first publication thereof after final passage.

Mr. Jeney made a motion to open the meeting to the public, seconded by Mrs. Apeadu. All were in favor, motion approved.

There were no comments.

Mr. Jeney made a motion to close the public portion, seconded by Mr. Smith All were in favor, motion approved.

Mr. Lyon made a motion, seconded by Mr. Jeney to adopt Ordinance 2024-23 on second reading.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

TOWNSHIP OF DELRAN

ORDINANCE 2024-24

AN ORDINANCE OF THE TOWNSHIP OF DELRAN REPEALING AND REPLACING DELRAN TOWNSHIP CODE CHAPTER 303 STORMWATER MANAGEMENT ARTICLE VII ENTITLED STORMWATER CONTROL REGULATIONS

WHEREAS, the New Jersey Department of Environmental Protection (“DEP”) through the adoption of Stormwater Management Rules (N.J.A.C. 7:8) has required municipalities to update its Stormwater Control regulations; and

WHEREAS, the Township of Delran (“Township”) desires to be in compliance with the Stormwater Management Rules to provide for the health and safety of its residents; and

WHEREAS, the Township Engineer recommends the repeal of the existing Stormwater Control regulations and replacing them with the Stormwater Control regulations consistent with the DEP recommended best practices.

NOW, THEREFORE, BE IT ORDAINED by the Township Committee of the Township of Delran in the County of Burlington, State of New Jersey that

Section I. Chapter 303 Stormwater Management Article VII Stormwater Control Regulations of the Delran Township Code shall be REPEALED in its entirety and REPLACED as follows:

Article VII Stormwater Control Regulations

§303-20. 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 and low impact development (LID) 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 and LID 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 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 Section 303-21.

c. Applicability

1. This ordinance shall be applicable to the following major developments:
 - a. Non-residential major developments; and
 - b. Aspects of residential major developments that are not pre-empted by the Residential Site Improvement Standards at N.J.A.C. 5:21.
2. This ordinance shall also be applicable to all major developments undertaken by The Township of Delran, County of Burlington, New Jersey.
3. An application required by ordinance pursuant to (b)1 above that has been submitted prior to December 10, 2024, shall be subject to the stormwater management requirements in effect on December 9, 2024.
4. An application required by ordinance for approval pursuant to (b)1 above that has been submitted on or after March 2, 2021, but prior to December 10, 2024, shall be subject to the stormwater management requirements in effect on December 9, 2024.
5. Notwithstanding any rule to the contrary, a major development for any public roadway or railroad project conducted by a public transportation entity that has determined a preferred alternative or reached an equivalent milestone before July 17, 2023, shall be subject to the stormwater management requirements in effect prior to July 17, 2023.

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.

§303-21. 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. The definitions below are the same as or based on the corresponding definitions in the Stormwater Management Rules at N.J.A.C. 7:8-1.2.

“CAFRA Centers, Cores or Nodes” means those areas with boundaries incorporated by reference or revised by the Department in accordance with N.J.A.C. 7:7-13.16.

“CAFRA Planning Map” means the map used by the Department to identify the location of Coastal Planning Areas, CAFRA centers, CAFRA cores, and CAFRA nodes. The CAFRA Planning Map is available on the Department's Geographic Information System (GIS).

“Community basin” means an infiltration system, sand filter designed to infiltrate, standard constructed wetland, or wet pond, established in accordance with N.J.A.C. 7:8- 4.2(c)14, that is designed and constructed in accordance with the New Jersey Stormwater Best Management Practices Manual, or an alternate design, approved in accordance with N.J.A.C. 7:8-5.2(g), for an infiltration system, sand filter designed to infiltrate, standard constructed wetland, or wet pond and that complies with the requirements of this chapter.

“Compaction” means the increase in soil bulk density.

“Contributory drainage area” means the area from which stormwater runoff drains to a stormwater management measure, not including the area of the stormwater management measure itself.

“Core” means a pedestrian-oriented area of commercial and civic uses serving the surrounding municipality, generally including housing and access to public transportation.

“County review agency” means an agency designated by the County Commissioners to review municipal stormwater management plans and implementing ordinance(s). The county review agency may either be:

1. A county planning agency or
2. A county water resource association created under N.J.S.A 58:16A-55.5, if the ordinance or resolution delegates authority to approve, conditionally approve, or disapprove municipal stormwater management plans and implementing ordinances.

“Department” means the Department of Environmental Protection.

“Designated Center” means a State Development and Redevelopment Plan Center as designated by the State Planning Commission such as urban, regional, town, village, or hamlet.

“Design engineer” means a person professionally qualified and duly licensed in New Jersey to perform engineering services that may include, but not necessarily be limited to, development of project requirements, creation and development of project design and preparation of drawings and specifications.

“Development” means the division of a parcel of land into two or more parcels, the construction, reconstruction, conversion, structural alteration, relocation or enlarge- enlargement of any building or structure, any mining excavation or landfill, and any use or change in the use of any building or other structure, or land or extension of use of land, for which permission is required under the Municipal Land Use Law, N.J.S.A. 40:55D-1 *et seq.*

In the case of development of agricultural land, development means: any activity that requires a State permit, any activity reviewed by the County Agricultural

Board (CAB) and the State Agricultural Development Committee (SADC), and municipal review of any activity not exempted by the Right to Farm Act , N.J.S.A 4:1C-1 et seq.

“Disturbance” means the placement or reconstruction of impervious surface or motor vehicle surface, or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation. Milling and repaving is not considered disturbance for the purposes of this definition.

“Drainage area” means a geographic area within which stormwater, sediments, or dissolved materials drain to a particular receiving waterbody or to a particular point along a receiving waterbody.

“Environmentally constrained area” means the following areas where the physical alteration of the land is in some way restricted, either through regulation, easement, deed restriction or ownership such as: wetlands, floodplains, threatened and endangered species sites or designated habitats, and parks and preserves. Habitats of endangered or threatened species are identified using the Department's Landscape Project as approved by the Department's Endangered and Nongame Species Program.

“Environmentally critical area” means an area or feature which is of significant environmental value, including but not limited to: stream corridors, natural heritage priority sites, habitats of endangered or threatened species, large areas of contiguous open space or upland forest, steep slopes, and well head protection and groundwater recharge areas. Habitats of endangered or threatened species are identified using the Department’s Landscape Project as approved by the Department’s Endangered and Nongame Species Program.

“Empowerment Neighborhoods” means neighborhoods designated by the Urban Coordinating Council “in consultation and conjunction with” the New Jersey

Redevelopment Authority pursuant to N.J.S.A 55:19-69.

“Erosion” means the detachment and movement of soil or rock fragments by water, wind, ice, or gravity.

“Green infrastructure” means a stormwater management measure that manages stormwater close to its source by:

1. Treating stormwater runoff through infiltration into subsoil;
2. Treating stormwater runoff through filtration by vegetation or soil; or
3. Storing stormwater runoff for reuse.

"HUC 14" or "hydrologic unit code 14" means an area within which water drains to a particular receiving surface water body, also known as a subwatershed, which is identified by a 14-digit hydrologic unit boundary designation, delineated within New Jersey by the United States Geological Survey.

“Impervious surface” means a surface that has been covered with a layer of material so that it is highly resistant to infiltration by water.

“Infiltration” is the process by which water seeps into the soil from precipitation.

“Lead planning agency” means one or more public entities having stormwater management planning authority designated by the regional stormwater management planning committee pursuant to N.J.A.C. 7:8-3.2, that serves as the primary representative of the committee.

“Major development” means an individual “development,” as well as multiple developments that individually or collectively result in:

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;
3. The creation of one-quarter acre or more of “regulated motor vehicle surface” since March 2, 2021; or
4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more.

Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of paragraphs 1, 2, 3, or 4 above. Projects undertaken by any government agency that otherwise meet the definition

of “major development” but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered “major development.”

“Motor vehicle” means land vehicles propelled other than by muscular power, such as automobiles, motorcycles, autocycles, and low speed vehicles. For the purposes of this definition, motor vehicle does not include farm equipment, snowmobiles, all-terrain vehicles, motorized wheelchairs, go-carts, gas buggies, golf carts, ski-slope grooming machines, or vehicles that run only on rails or tracks.

“Motor vehicle surface” means any pervious or impervious surface that is intended to be used by “motor vehicles” and/or aircraft, and is directly exposed to precipitation including, but not limited to, driveways, parking areas, parking garages, roads, race- tracks, and runways.

“Municipality” means any city, borough, town, township, or village.

“New Jersey Stormwater Best Management Practices (BMP) Manual” or “BMP Manual” means the manual maintained by the Department providing, in part, design specifications, removal rates, calculation methods, and soil testing procedures approved by the Department as being capable of contributing to the achievement of the stormwater management standards specified in this chapter. The BMP Manual is periodically amended by the Department as necessary to provide design specifications on additional best management practices and new information on already included practices reflecting the best available current information regarding the particular practice and the Department’s determination as to the ability of that best management practice to contribute to compliance with the standards contained in this chapter. Alternative stormwater management measures, removal rates, or calculation methods may be utilized, subject to any limitations specified in this chapter, provided the design engineer demonstrates to the municipality, in accordance with Section 303-23.F. of this ordinance and N.J.A.C. 7:8-5.2(g), that the proposed measure and its design will contribute to achievement of the design and performance standards established by this chapter.

“Node” means an area designated by the State Planning Commission concentrating facilities and activities which are not organized in a compact form.

“Nutrient” means a chemical element or compound, such as nitrogen or phosphorus, which is essential to and promotes the development of organisms.

“Person” means any individual, corporation, company, partnership, firm, association, political subdivision of this State and any state, interstate or Federal agency.

“Pollutant” means any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, refuse, oil, grease, sewage sludge, munitions, chemical wastes, biological materials, medical wastes, radioactive substance

(except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. §§ 2011 *et seq.*)), thermal waste, wrecked or discarded equipment, rock, sand, cellar dirt, industrial, municipal, agricultural, and construction waste or

runoff, or other residue discharged directly or indirectly to the land, ground waters or surface waters of the State, or to a domestic treatment works. "Pollutant" includes both hazardous and nonhazardous pollutants.

"Public roadway or railroad" means a pathway for use by motor vehicles or trains that is intended for public use and is constructed by, or on behalf of, a public transportation entity. A public roadway or railroad does not include a roadway or railroad constructed as part of a private development, regardless of whether the roadway or railroad is ultimately to be dedicated to and/or maintained by a governmental entity.

"Public transportation entity" means a Federal, State, county, or municipal government, an independent State authority, or a statutorily authorized public-private partnership program pursuant to P.L. 2018, c. 90 (N.J.S.A. 40A:11-52 *et seq.*), that performs a public roadway or railroad project that includes new construction, expansion, reconstruction, or improvement of a public roadway or railroad.

"Recharge" means the amount of water from precipitation that infiltrates into the ground and is not evapotranspired.

"Regulated impervious surface" means any of the following, alone or in combination:

1. A net increase of impervious surface;
2. The total area of impervious surface collected by a new stormwater conveyance system (for the purpose of this definition, a "new stormwater conveyance system" is a stormwater conveyance system that is constructed where one did not exist immediately prior to its construction or an existing system for which a new discharge location is created);
3. The total area of impervious surface proposed to be newly collected by an existing stormwater conveyance system; and/or
4. The total area of impervious surface collected by an existing stormwater conveyance system where the capacity of that conveyance system is increased.

"Regulated motor vehicle surface" means any of the following, alone or in combination:

1. The total area of motor vehicle surface that is currently receiving water;
2. A net increase in motor vehicle surface; and/or quality treatment either by vegetation or soil, by an existing stormwater management measure, or by treatment at a wastewater treatment plant, where the water quality treatment will be modified or removed.

"Sediment" means solid material, mineral or organic, that is in suspension, is being transported, or has been moved from its site of origin by air, water or gravity as a product of erosion.

"Site" means the lot or lots upon which a major development is to occur or has occurred.

"Soil" means all unconsolidated mineral and organic material of any origin.

"State Development and Redevelopment Plan Metropolitan Planning Area (PA1)" means an area delineated on the State Plan Policy Map and adopted by the State Planning Commission that is intended to be the focus for much of the State's future redevelopment and revitalization efforts.

"State Plan Policy Map" is defined as the geographic application of the State Development and Redevelopment Plan's goals and statewide policies, and the official map of these goals and policies.

“Stormwater” means water resulting from precipitation (including rain and snow) that runs off the land’s surface, is transmitted to the subsurface, or is captured by separate storm sewers or other sewage or drainage facilities, or conveyed by snow removal equipment.

“Stormwater management BMP” means an excavation or embankment and related areas designed to retain stormwater runoff. A stormwater management BMP may either be normally dry (that is, a detention basin or infiltration system), retain water in a permanent pool (a retention basin), or be planted mainly with wetland vegetation (most constructed stormwater wetlands).

“Stormwater management measure” means any practice, technology, process, program, or other method intended to control or reduce stormwater runoff and associated pollutants, or to induce or control the infiltration or groundwater recharge of stormwater or to eliminate illicit or illegal non-stormwater discharges into stormwater conveyances.

“Stormwater runoff” means water flow on the surface of the ground or in storm sewers, resulting from precipitation.

“Stormwater management planning agency” means a public body authorized by legislation to prepare stormwater management plans.

“Stormwater management planning area” means the geographic area for which a stormwater management planning agency is authorized to prepare stormwater management plans, or a specific portion of that area identified in a stormwater management plan prepared by that agency.

“Tidal Flood Hazard Area” means a flood hazard area in which the flood elevation resulting from the two-, 10-, or 100-year storm, as applicable, is governed by tidal flooding from the Atlantic Ocean. Flooding in a tidal flood hazard area may be contributed to, or influenced by, stormwater runoff from inland areas, but the depth of flooding generated by the tidal rise and fall of the Atlantic Ocean is greater than flooding from any fluvial sources. In some situations, depending upon the

extent of the storm surge from a particular storm event, a flood hazard area may be tidal in the 100-year storm, but fluvial in more frequent storm events.

“Urban Coordinating Council Empowerment Neighborhood” means a neighborhood given priority access to State resources through the New Jersey Redevelopment Authority.

“Urban Enterprise Zones” means a zone designated by the New Jersey Enterprise Zone Authority pursuant to the New Jersey Urban Enterprise Zones Act, N.J.S.A. 52:27H-60 et. seq.

“Urban Redevelopment Area” is defined as previously developed portions of areas:

1. Delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1), Designated Centers, Cores or Nodes;
2. Designated as CAFRA Centers, Cores or Nodes;
3. Designated as Urban Enterprise Zones; and
4. Designated as Urban Coordinating Council Empowerment Neighborhoods.

“Water control structure” means a structure within, or adjacent to, a water, which intentionally or coincidentally alters the hydraulic capacity, the flood elevation resulting from the two-, 10-, or 100-year storm, flood hazard area limit, and/or floodway limit of the water. Examples of a water control structure may include a bridge, culvert, dam, embankment, ford (if above grade), retaining wall, and weir.

“Waters of the State” means the ocean and its estuaries, all springs, streams, wetlands, and bodies of surface or groundwater, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

“Wetlands” or “wetland” means an area that is inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions, commonly known as hydrophytic vegetation.

§303-22. Design and Performance Standards for Stormwater Management Measures

- A. Stormwater management measures for major development shall be designed to provide erosion control, groundwater recharge, stormwater runoff quantity control, and stormwater runoff quality treatment as follows:
 - 1. The minimum standards for erosion control are those established under the Soil and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules at N.J.A.C. 2:90.
 - 2. The minimum standards for groundwater recharge, stormwater quality, and stormwater runoff quantity shall be met by incorporating green infrastructure.
- B. The standards in this ordinance apply only to new major development and are intended to minimize the impact of stormwater runoff on water quality and water quantity in receiving water bodies and maintain groundwater recharge. The standards do not apply to new major development to the extent that alternative design and performance standards are applicable under a regional stormwater management plan or Water Quality Management Plan adopted in accordance with Department rules.

§303-23. Stormwater Management Requirements for Major Development

- A. The development shall incorporate a maintenance plan for the stormwater management measures incorporated into the design of a major development in accordance with Section 303-30.
- B. Stormwater management measures shall avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Department’s Landscape Project or Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle).
- C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Section 303-23.P, Q and R:
 - 1. The construction of an underground utility line provided that the disturbed areas are revegetated upon completion;
 - 2. The construction of an aboveground utility line provided that the existing conditions are maintained to the maximum extent practicable; and
 - 3. The construction of a public pedestrian access, such as a sidewalk or trail with a maximum width of 14 feet, provided that the access is made of permeable material.
- D. A waiver from strict compliance from the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Section 303-23.O, P, Q and R may be obtained for the enlargement of an existing public roadway or railroad; or the construction or enlargement of a public pedestrian access, provided that

the following conditions are met:

1. The applicant demonstrates that there is a public need for the project that cannot be accomplished by any other means;
2. The applicant demonstrates through an alternatives analysis, that through the use of stormwater management measures, the option selected complies with the requirements of Section 303-23.O, P, Q and R to the maximum extent practicable;
3. The applicant demonstrates that, in order to meet the requirements of Section 303-23.O, P, Q and R, existing structures currently in use, such as homes and buildings, would need to be condemned; and
4. The applicant demonstrates that it does not own or have other rights to areas, including the potential to obtain through condemnation lands not falling under IV.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Section 303-23.O, P, Q and R that were not achievable onsite.

E. Tables 1 through 3 below summarize the ability of stormwater best management practices identified and described in the New Jersey Stormwater Best Management Practices Manual to satisfy the green infrastructure, groundwater recharge, stormwater runoff quality and stormwater runoff quantity standards specified in Section 303-23.O, P, Q and R. When designed in accordance with the most current version of the New Jersey Stormwater Best Management Practices Manual, the stormwater management measures found at N.J.A.C. 7:8-5.2 (f) Tables 5-1, 5-2 and 5-3 and listed below in Tables 1, 2 and 3 are presumed to be capable of providing stormwater controls for the design and performance standards as outlined in the tables below. Upon amendments of the New Jersey Stormwater Best Management Practices to reflect additions or deletions of BMPs meeting these standards, or changes in the presumed performance of BMPs designed in accordance with the New Jersey Stormwater BMP Manual, the Department shall publish in the New Jersey Registers a notice of administrative change revising the applicable table. The most current version of the BMP Manual can be found on the Department’s website at:

<https://dep.nj.gov/stormwater/bmp-manual/>.

F. Where the BMP tables in the NJ Stormwater Management Rule are different due to updates or amendments with the tables in this ordinance the BMP Tables in the Stormwater Management rule at N.J.A.C. 7:8-5.2(f) shall take precedence.

G.

| Table 1 Green Infrastructure BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity | | | | |
|---|---|-----------------------------------|-----------------------------|---|
| Best Management Practice | Stormwater Runoff Quality TSS Removal Rate (percent) | Stormwater Runoff Quantity | Groundwater Recharge | Minimum Separation from Seasonal High Water Table (feet) |
| Cistern | 0 | Yes | No | -- |
| Dry Well ^(a) | 0 | No | Yes | 2 |
| Grass Swale | 50 or less | No | No | 2(e) 1(f) |
| Green Roof | 0 | Yes | No | -- |
| Manufactured Treatment Device ^{(a) (g)} | 50 or 80 | No | No | Dependent upon the device |

| | | | | |
|---|----------|-----|---|--------------------------------------|
| Pervious Paving System ^(a) | 80 | Yes | Yes ^(b) No ^(c) | 2 ^(b) 1 ^(c) |
| Small-Scale Bioretention Basin ^(a) | 80 or 90 | Yes | Yes ^(b) No ^(c) | 2 ^(b) 1 ^(c) |
| Small-Scale Infiltration Basin ^(a) | 80 | Yes | Yes | 2 |
| Small-Scale Sand Filter | 80 | Yes | Yes | 2 |
| Vegetative Filter Strip | 60-80 | No | No | -- |

| Table 2 Green Infrastructure BMPs for Stormwater Runoff Quantity (or for Groundwater Recharge and/or Stormwater Runoff Quality with a Waiver or Variance from N.J.A.C. 7:8-5.3) | | | | |
|--|---|-----------------------------------|---|---|
| Best Management Practice | Stormwater Runoff Quality TSS Removal Rate (percent) | Stormwater Runoff Quantity | Groundwater Recharge | Minimum Separation from Seasonal High Water Table (feet) |
| Bioretention System | 80 or 90 | Yes | Yes ^(b) No ^(c) | 2 ^(b) 1 ^(c) |
| Infiltration Basin | 80 | Yes | Yes | 2 |
| Sand Filter ^(b) | 80 | Yes | Yes | 2 |
| Standard Constructed Wetland | 90 | Yes | No | N/A |
| Wet Pond ^(d) | 50-90 | Yes | No | N/A |

(Notes corresponding to annotations ^(b) through ^(d) are found below)

| Table 3 BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity only with a Waiver or Variance from N.J.A.C. 7:8-5.3 | | | | |
|---|---|-----------------------------------|-----------------------------|---|
| Best Management Practice | Stormwater Runoff Quality TSS Removal Rate (percent) | Stormwater Runoff Quantity | Groundwater Recharge | Minimum Separation from Seasonal High Water Table (feet) |
| Blue Roof | 0 | Yes | No | N/A |

| | | | | |
|--|----------|-----|----|---------------------------|
| Extended Detention Basin | 40-60 | Yes | No | 1 |
| Manufactured Treatment Device ^(h) | 50 or 80 | No | No | Dependent upon the device |
| Sand Filter ^(c) | 80 | Yes | No | 1 |
| Subsurface Gravel Wetland | 90 | No | No | 1 |
| Wet Pond | 50-90 | Yes | No | N/A |

(Notes corresponding to annotations (b) through (d) are found below)

Notes to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at Section 303-23.O.2;
- (b) designed to infiltrate into the subsoil;
- (c) designed with underdrains;
- (d) designed to maintain at least a 10-foot wide area of native vegetation along at least 50 percent of the shoreline and to include a stormwater runoff retention component designed to capture stormwater runoff for beneficial reuse, such as irrigation;
- (e) designed with a slope of less than two percent;
- (f) designed with a slope of equal to or greater than two percent;
- (g) manufactured treatment devices that meet the definition of green infrastructure at Section 303-21;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at Section 303-21.

H. An alternative stormwater management measure, alternative removal rate, and/or alternative method to calculate the removal rate may be used if the design engineer demonstrates the capability of the proposed alternative stormwater management measure and/or the validity of the alternative rate or method to the municipality. A copy of any approved alternative stormwater management measure, alternative removal rate, and/or alternative method to calculate the removal rate shall be provided to the Department in accordance with Section 303-

23.B. Alternative stormwater management measures may be used to satisfy the requirements at Section 303-23.O only if the measures meet the definition of green infrastructure at Section 303-21. Alternative stormwater management measures that function in a similar manner to a BMP listed at Section O.2 are subject to the contributory drainage area limitation specified at Section O.2 for that similarly functioning BMP. Alternative stormwater management measures approved in accordance with this subsection that do not function in a similar manner to any BMP listed at Section O.2 shall have a contributory drainage area less than or equal to 2.5 acres, except for alternative stormwater management measures that function similarly to cisterns, grass swales, green roofs, standard constructed wetlands, vegetative filter strips, and wet ponds, which are not subject to a contributory drainage area limitation. Alternative measures that function similarly to standard constructed wetlands or wet ponds shall not be used for compliance with the stormwater runoff quality standard unless a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Section 303-23.D is granted from Section 303-23.O.

I. Whenever the stormwater management design includes one or more BMPs that will infiltrate stormwater into subsoil, the design engineer shall assess the hydraulic impact on the groundwater table and design the site, so as to avoid adverse hydraulic impacts. Potential adverse hydraulic impacts include, but are not limited to, exacerbating a naturally or seasonally high water table, so as to cause surficial ponding, flooding of basements, or interference with the proper operation of subsurface

sewage disposal systems or other subsurface structures within the zone of influence of the groundwater mound, or interference with the proper functioning of the stormwater management measure itself.

- J. Design standards for stormwater management measures are as follows:
1. Stormwater management measures shall be designed to take into account the existing site conditions, including, but not limited to, environmentally critical areas; wetlands; flood-prone areas; slopes; depth to seasonal high water table; soil type, permeability, and texture; drainage area and drainage patterns; and the presence of solution-prone carbonate rocks (limestone);
 2. Stormwater management measures shall be designed to minimize maintenance, facilitate maintenance and repairs, and ensure proper functioning. Trash racks shall be installed at the intake to the outlet structure, as appropriate, and shall have parallel bars with one-inch spacing between the bars to the elevation of the water quality design storm. For elevations higher than the water quality design storm, the parallel bars at the outlet structure shall be spaced no greater than one-third the width of the diameter of the orifice or one-third the width of the weir, with a minimum spacing between bars of one inch and a maximum spacing between bars of six inches. In addition, the design of trash racks must comply with the requirements of Section 303-28.C;
 3. Stormwater management measures shall be designed, constructed, and installed to be strong, durable, and corrosion resistant. Measures that are consistent with the relevant portions of the Residential Site Improvement Standards at N.J.A.C. 5:21-7.3, 7.4, and 7.5 shall be deemed to meet this requirement;
 4. Stormwater management BMPs shall be designed to meet the minimum safety standards for stormwater management BMPs at Section 303-28; and
 5. The size of the orifice at the intake to the outlet from the stormwater management BMP shall be a minimum of two and one-half inches in diameter.
- K. Manufactured treatment devices may be used to meet the requirements of this subchapter, provided the pollutant removal rates are verified by the New Jersey Corporation for Advanced Technology and certified by the Department. Manufactured treatment devices that do not meet the definition of green infrastructure at Section 303-21 may be used only under the circumstances described at Section 303-23.O.4.
- L. Any application for a new agricultural development that meets the definition of major development at Section 303-21 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Sections 303-23.O, P, Q and R and any applicable Soil Conservation District guidelines for stormwater runoff quantity and erosion control. For purposes of this subsection, "agricultural development" means land uses normally associated with the production of food, fiber, and livestock for sale. Such uses do not include the development of land for the processing or sale of food and the manufacture of agriculturally related products.
- M. If there is more than one drainage area, the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 303-23.P, Q and R shall be met in each drainage area, unless the runoff from the drainage areas converge onsite and no adverse

environmental impact would occur as a result of compliance with any one or more of the individual standards being determined utilizing a weighted average of the results achieved for that individual standard across the affected drainage areas.

- N. Any stormwater management measure authorized under the municipal stormwater management plan or ordinance shall be reflected in a deed notice recorded in the Office of the Burlington County Clerk, 50 Rancocas Road, Third Floor, Mount Holly, NJ 08060. A form of deed notice shall be submitted to the municipality for approval prior to filing. The deed notice shall contain a description of the stormwater management measure(s) used to meet the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 303-23.O, P, Q and R and shall identify the location of the stormwater management measure(s) in NAD 1983 State Plane New Jersey FIPS 2900 US Feet or Latitude and Longitude in decimal degrees. The deed notice shall also reference the maintenance plan required to be recorded upon the deed pursuant to Section 303-30.B.5. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality. Proof that the required information has been recorded on the deed shall be in the form of either a copy of the complete recorded document or a receipt from the clerk or other proof of recordation provided by the recording office. However, if the initial proof provided to the municipality is not a copy of the complete recorded document, a copy of the complete recorded document shall be provided to the municipality within 180 calendar days of the authorization granted by the municipality.
- O. A stormwater management measure approved under the municipal stormwater management plan or ordinance may be altered or replaced with the approval of the municipality, if the municipality determines that the proposed alteration or replacement meets the design and performance standards pursuant to Section 303- 23 of this ordinance and provides the same level of stormwater management as the previously approved stormwater management measure that is being altered or replaced. If an alteration or replacement is approved, a revised deed notice shall be submitted to the municipality for approval and subsequently recorded with the *{insert appropriate Office of the County Clerk or the registrar of deeds and mortgages, as applies}* and shall contain a description and location of the stormwater management measure, as well as reference to the maintenance plan, in accordance with M above. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality in accordance with M above.
- P. Green Infrastructure Standards
1. This subsection specifies the types of green infrastructure BMPs that may be used to satisfy the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards.
 2. To satisfy the groundwater recharge and stormwater runoff quality standards at Section 303-23.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section 303-23.F. and/or an alternative stormwater management measure approved in accordance with Section 303-23.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage

area limitations:

| Best Management Practice | Maximum Contributory Drainage Area |
|----------------------------------|--|
| Dry Well | 1 acre |
| Manufactured Treatment Device | 2.5 acres |
| Pervious Pavement Systems | Area of additional inflow cannot exceed three times the area occupied by the BMP |
| Small-scale Bioretention Systems | 2.5 acres |
| Small-scale Infiltration Basin | 2.5 acres |
| Small-scale Sand Filter | 2.5 acres |

3. To satisfy the stormwater runoff quantity standards at Section 303-23.R, the design engineer shall utilize BMPs from Table 1 or from Table 2 and/or an alternative stormwater management measure approved in accordance with Section 303-23.G.
4. If a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Section 303-23.D is granted from the requirements of this subsection, then BMPs from Table 1, 2, or 3, and/or an alternative stormwater management measure approved in accordance with Section 303-23.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 303-23.P, Q and R.
5. For separate or combined storm sewer improvement projects, such as sewer separation, undertaken by a government agency or public utility (for example, a sewerage company), the requirements of this subsection shall only apply to areas owned in fee simple by the government agency or utility, and areas within a right-of-way or easement held or controlled by the government agency or utility; the entity shall not be required to obtain additional property or property rights to fully satisfy the requirements of this subsection. Regardless of the amount of area of a separate or combined storm sewer improvement project subject to the green infrastructure requirements of this subsection, each project shall fully comply with the applicable groundwater recharge, stormwater runoff quality control, and stormwater runoff quantity standards at Section 303-23.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Section 303-23.D.

Q. Groundwater Recharge Standards

1. This subsection contains the minimum design and performance standards for groundwater recharge as follows:
2. The design engineer shall, using the assumptions and factors for stormwater runoff and groundwater recharge calculations at Section 303-25, either:
 - i. Demonstrate through hydrologic and hydraulic analysis that the site and its stormwater management measures maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site; or

- ii. Demonstrate through hydrologic and hydraulic analysis that the increase of stormwater runoff volume from pre-construction to post-construction for the projected 2-year storm, as defined and determined pursuant to Section 303-25.D of this ordinance is infiltrated.
3. This groundwater recharge requirement does not apply to projects within the “urban redevelopment area,” or to projects subject to 4 below.
4. The following types of stormwater shall not be recharged:
 - i. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored; areas where hazardous materials are expected to be present in greater than “reportable quantities” as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4; areas where recharge would be inconsistent with Department approved remedial action work plan approved pursuant to the Administrative Requirements for the Remediation of Contaminated Sites rules, N.J.A.C. 7:26C, or Department landfill closure plan and areas; and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and
 - ii. Industrial stormwater exposed to “source material.” “Source material” means any material(s) or machinery, located at an industrial facility, that is directly or indirectly related to process, manufacturing or other industrial activities, which could be a source of pollutants in any industrial stormwater discharge to groundwater. Source materials include, but are not limited to, raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels, and lubricants, solvents, and detergents that are related to process, manufacturing, or other industrial activities that are exposed to stormwater.

R. Stormwater Runoff Quality Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quality impacts of major development. Stormwater runoff quality standards are applicable when the major development results in an increase of one-quarter acre or more of regulated motor vehicle surface.
2. Stormwater management measures shall be designed to reduce the post- construction load of total suspended solids (TSS) in stormwater runoff generated from the water quality design storm as follows:
 - i. Eighty percent TSS removal of the anticipated load, expressed as an annual average shall be achieved for the stormwater runoff from the net increase of motor vehicle surface.
 - ii. If the surface is considered regulated motor vehicle surface because the water quality treatment for an area of motor vehicle surface that is currently receiving water quality treatment either by vegetation or soil, by an existing stormwater management measure, or by treatment at a wastewater treatment plant is to be modified or removed, the project shall maintain or increase the existing TSS removal of the anticipated load expressed as an annual average.
3. The requirement to reduce TSS does not apply to any stormwater runoff in a discharge regulated under a numeric effluent limitation for

TSS imposed under the New Jersey Pollutant Discharge Elimination System (NJPDES) rules, N.J.A.C. 7:14A, or in a discharge specifically exempt under a NJPDES permit from this requirement. Every major development, including any that discharge into a combined sewer system, shall comply with 2 above, unless the major development is itself subject to a NJPDES permit with a numeric effluent limitation for TSS or the NJPDES permit to which the major development is subject exempts the development from a numeric effluent limitation for TSS.

4. The water quality design storm is 1.25 inches of rainfall in two hours. Water quality calculations shall take into account the distribution of rain from the water quality design storm, as reflected in Table 4, below. The calculation of the volume of runoff may take into account the implementation of stormwater management measures.

Table 4 - Water Quality Design Storm Distribution

| Time (Minutes) | Cumulative Rainfall (Inches) | Time (Minutes) | Cumulative Rainfall (Inches) | Time (Minutes) | Cumulative Rainfall (Inches) |
|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|
| 1 | 0.00166 | 41 | 0.1728 | 81 | 1.0906 |
| 2 | 0.00332 | 42 | 0.1796 | 82 | 1.0972 |
| 3 | 0.00498 | 43 | 0.1864 | 83 | 1.1038 |
| 4 | 0.00664 | 44 | 0.1932 | 84 | 1.1104 |
| 5 | 0.00830 | 45 | 0.2000 | 85 | 1.1170 |
| 6 | 0.00996 | 46 | 0.2117 | 86 | 1.1236 |
| 7 | 0.01162 | 47 | 0.2233 | 87 | 1.1302 |
| 8 | 0.01328 | 48 | 0.2350 | 88 | 1.1368 |
| 9 | 0.01494 | 49 | 0.2466 | 89 | 1.1434 |
| 10 | 0.01660 | 50 | 0.2583 | 90 | 1.1500 |
| 11 | 0.01828 | 51 | 0.2783 | 91 | 1.1550 |
| 12 | 0.01996 | 52 | 0.2983 | 92 | 1.1600 |
| 13 | 0.02164 | 53 | 0.3183 | 93 | 1.1650 |
| 14 | 0.02332 | 54 | 0.3383 | 94 | 1.1700 |
| 15 | 0.02500 | 55 | 0.3583 | 95 | 1.1750 |
| 16 | 0.03000 | 56 | 0.4116 | 96 | 1.1800 |
| 17 | 0.03500 | 57 | 0.4650 | 97 | 1.1850 |
| 18 | 0.04000 | 58 | 0.5183 | 98 | 1.1900 |
| 19 | 0.04500 | 59 | 0.5717 | 99 | 1.1950 |
| 20 | 0.05000 | 60 | 0.6250 | 100 | 1.2000 |
| 21 | 0.05500 | 61 | 0.6783 | 101 | 1.2050 |
| 22 | 0.06000 | 62 | 0.7317 | 102 | 1.2100 |
| 23 | 0.06500 | 63 | 0.7850 | 103 | 1.2150 |
| 24 | 0.07000 | 64 | 0.8384 | 104 | 1.2200 |
| 25 | 0.07500 | 65 | 0.8917 | 105 | 1.2250 |
| 26 | 0.08000 | 66 | 0.9117 | 106 | 1.2267 |
| 27 | 0.08500 | 67 | 0.9317 | 107 | 1.2284 |
| 28 | 0.09000 | 68 | 0.9517 | 108 | 1.2300 |
| 29 | 0.09500 | 69 | 0.9717 | 109 | 1.2317 |
| 30 | 0.10000 | 70 | 0.9917 | 110 | 1.2334 |
| 31 | 0.10660 | 71 | 1.0034 | 111 | 1.2351 |
| 32 | 0.11320 | 72 | 1.0150 | 112 | 1.2367 |
| 33 | 0.11980 | 73 | 1.0267 | 113 | 1.2384 |
| 34 | 0.12640 | 74 | 1.0383 | 114 | 1.2400 |
| 35 | 0.13300 | 75 | 1.0500 | 115 | 1.2417 |
| 36 | 0.13960 | 76 | 1.0568 | 116 | 1.2434 |
| 37 | 0.14620 | 77 | 1.0636 | 117 | 1.2450 |
| 38 | 0.15280 | 78 | 1.0704 | 118 | 1.2467 |
| 39 | 0.15940 | 79 | 1.0772 | 119 | 1.2483 |
| 40 | 0.16600 | 80 | 1.0840 | 120 | 1.2500 |

5. If more than one BMP in series is necessary to achieve the required 80

percent TSS reduction for a site, the applicant shall utilize the following formula to calculate TSS reduction:

$$R = A + B - (A \times B) / 100,$$

Where

R = total TSS Percent Load Removal from application of both BMPs, and *A* = the TSS Percent Removal Rate applicable to the first BMP

B = the TSS Percent Removal Rate applicable to the second BMP.

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in Section 303-23.P, Q and R.
7. In accordance with the definition of FW1 at N.J.A.C. 7:9B-1.4, stormwater management measures shall be designed to prevent any increase in stormwater runoff to waters classified as FW1.
8. The Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-4.1(c)1 establish 300-foot riparian zones along Category One waters, as designated in the Surface Water Quality Standards at N.J.A.C. 7:9B, and certain upstream tributaries to Category One waters. A person shall not undertake a major development that is located within or discharges into a 300-foot riparian zone without prior authorization from the Department under N.J.A.C. 7:13.
9. Pursuant to the Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-11.2(j)3.i, runoff from the water quality design storm that is discharged within a 300-foot riparian zone shall be treated in accordance with this subsection to reduce the post- construction load of total suspended solids by 95 percent of the anticipated load from the developed site, expressed as an annual average.
10. The stormwater runoff quality standards do not apply to the construction of one individual single-family dwelling, provided that it is not part of a larger development or subdivision that has received preliminary or final site plan approval prior to December 3, 2018, and that the motor vehicle surfaces are made of permeable material(s) such as gravel, dirt, and/or shells.

S. Stormwater Runoff Quantity Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quantity impacts of major development.
2. In order to control stormwater runoff quantity impacts, the design engineer shall, using the assumptions and factors for stormwater runoff calculations at Section 303-25, complete one of the following:
 - i. Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, post-construction runoff hydrographs for the current and projected 2-, 10-, and 100-year storm events, as defined and determined in Section 303-25.C and D, respectively, of this ordinance, do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events;
 - ii. Demonstrate through hydrologic and hydraulic analysis that there is no increase, as compared to the pre-construction condition, in the

peak runoff rates of stormwater leaving the site for the current and projected 2-, 10-, and 100-year storm events, as defined and determined pursuant to Section 303-25.C and D, respectively, of this ordinance, and that the increased volume or change in timing of stormwater runoff will not increase flood damage at or downstream of the site. This analysis shall include the analysis of impacts of existing land uses and projected land uses assuming full development under existing zoning and land use ordinances in the drainage area;

- iii. Design stormwater management measures so that the post-construction peak runoff rates for the current and projected 2-, 10-, and 100-year storm events, as defined and determined in Section 303-25.C and D, respectively, of this ordinance, are 50, 75 and 80 percent, respectively, of the pre-construction peak runoff rates. The percentages apply only to the post-construction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed; or
 - iv. In tidal flood hazard areas, stormwater runoff quantity analysis in accordance with 2.i, ii and iii above is required unless the design engineer demonstrates through hydrologic and hydraulic analysis that the increased volume, change in timing, or increased rate of the stormwater runoff, or any combination of the three will not result in additional flood damage below the point of discharge of the major development. No analysis is required if the stormwater is discharged directly into any ocean, bay, inlet, or the reach of any watercourse between its confluence with an ocean, bay, or inlet and downstream of the first water control structure.
3. The stormwater runoff quantity standards shall be applied at the site's boundary to each abutting lot, roadway, watercourse, or receiving storm sewer system.
 4. To reduce impact to groundwater, the basement floor elevation, or lowest floor elevation of any residential structure, shall be set a minimum of two (2) feet above the estimated seasonal high groundwater table.

§303-24 Stormwater management requirements for non-major developments.

A. The following requirements shall apply to all development, including those that require minor or major site plan or subdivision approval from the Delran Township Land Use Board but are not defined as a major development from a stormwater standpoint:

- (1) Any development shall maintain existing drainage patterns on the subject property.
- (2) The property owner/developer shall not increase the peak rate of stormwater runoff leaving a property in the post development condition when compared to the existing condition.
- (3) The runoff generated from the total roof area on the property by the current 2-year, 24-hour storm, as defined and determined by NOAA, including the current precipitation adjustment factor as determined by NJDEP, shall be retained and infiltrated through the installation of one or more green infrastructure stormwater management measures designed in accordance with the New Jersey Stormwater BMP Manual. Appropriate green infrastructure stormwater management measures include, but are not limited to dry wells, pervious pavement systems, and small scale bioretention systems,

including rain gardens.

B. A property owner shall not regrade or construct improvements on their property, such as retaining walls, landscape beds, hardscaping, driveways, sheds or pools, etc., in such a manner that will adversely impact the flow of stormwater runoff off or onto an adjoining property. Regrading of a property in a manner that increases the peak rate of runoff or volume of runoff directed toward an adjacent property, or disturbance that is in excess of 200 square feet per acre of property or total disturbance in excess of 500 square feet, shall not be permitted without grading or stormwater management plan approval issued by the Township Engineer. The total area of new impervious surface created on the property shall be retained and infiltrated by the current 2-year, 24-hour storm, as defined and determined by NOAA, including the current precipitation adjustment factor as determined by NJDEP. All additional volume generated by said activities shall be retained and infiltrated through the installation of one or more green infrastructure stormwater management measures designed in accordance with the New Jersey Stormwater BMP Manual. Appropriate green infrastructure stormwater management measures include, but are not limited to dry wells, pervious pavement systems, and small scale bioretention systems, including rain gardens.

C. To reduce impact to groundwater, the basement floor elevation, or lowest floor elevation of any residential structure, shall be set a minimum of two (2) feet above the estimated seasonal high groundwater table.

§303-25. Calculation of Stormwater Runoff and Groundwater Recharge:

A. Stormwater runoff shall be calculated in accordance with the following:

1. The design engineer shall calculate runoff using the following method:

The USDA Natural Resources Conservation Service (NRCS) methodology, including the NRCS Runoff Equation and Dimensionless Unit Hydrograph, as described in Chapters 7, 9, 10, 15 and 16 *Part 630, Hydrology National Engineering Handbook*, incorporated herein by reference as amended and supplemented. This methodology is additionally described in *Technical Release 55 - Urban Hydrology for Small Watersheds (TR-55)*, dated June 1986, incorporated herein by reference as amended and supplemented. Information regarding the methodology is available from the Natural Resources Conservation Service website at:

<https://directives.sc.egov.usda.gov/viewerFS.aspx?hid=21422>

or at United States Department of Agriculture Natural Resources Conservation Service, New Jersey State Office.

2. For the purpose of calculating curve numbers and groundwater recharge, there is a presumption that the pre-construction condition of a site or portion thereof is a wooded land use with good hydrologic condition. The term "curve number" applies to the NRCS methodology above at Section 303-25.A.1. A curve number or a groundwater recharge land cover for an existing condition may be used on all or a portion of the site if the design engineer verifies that the hydrologic condition has existed on the site or portion of the site for at least five years without interruption prior to the time of application. If more than one land cover has existed on the site during the five years immediately prior to the time of application, the land cover with the lowest runoff potential shall be used for the computations. In addition, there is the presumption that the site is in good hydrologic condition (if the land use type is pasture, lawn, or

park), with good cover (if the land use type is woods), or with good hydrologic condition and conservation treatment (if the land use type is cultivation).

3. In computing pre-construction stormwater runoff, the design engineer shall account for all significant land features and structures, such as ponds, wetlands, depressions, hedgerows, or culverts, that may reduce pre- construction stormwater runoff rates and volumes.
 4. In computing stormwater runoff from all design storms, the design engineer shall consider the relative stormwater runoff rates and/or volumes of pervious and impervious surfaces separately to accurately compute the rates and volume of stormwater runoff from the site. To calculate runoff from unconnected impervious cover, urban impervious area modifications as described in the NRCS *Technical Release 55 – Urban Hydrology for Small Watersheds* or other methods may be employed.
 5. If the invert of the outlet structure of a stormwater management measure is below the flood hazard design flood elevation as defined at N.J.A.C. 7:13, the design engineer shall take into account the effects of tailwater in the design of structural stormwater management measures.
- B. Groundwater recharge may be calculated in accordance with the following:

The New Jersey Geological Survey Report [GSR-32: A Method for Evaluating Groundwater-Recharge Areas in New Jersey](#), incorporated herein by reference as amended and supplemented. Information regarding the methodology is available from the New Jersey Stormwater Best Management Practices Manual; at the New Jersey Geological Survey website at:

<https://www.nj.gov/dep/njgs/pricelst/gsreport/gsr32.pdf>

or at New Jersey Geological and Water Survey, 29 Arctic Parkway, PO Box 420
Mail Code 29-01, Trenton, New Jersey 08625-0420.

- C. The precipitation depths of the current two-, 10-, and 100-year storm events shall be determined by multiplying the values determined in accordance with items 1 and 2 below:
1. The applicant shall utilize the National Oceanographic and Atmospheric Administration (NOAA), National Weather Service’s Atlas 14 Point Precipitation Frequency Estimates: NJ, in accordance with the location(s) of the drainage area(s) of the site. This data is available at:
https://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=nj;
and
 2. The applicant shall utilize Table 5: Current Precipitation Adjustment Factors below, which sets forth the applicable multiplier for the drainage area(s) of the site, in accordance with the county or counties where the drainage area(s) of the site is located. Where the major development lies in more than one county, the precipitation values shall be adjusted according to the percentage of the drainage area in each county. Alternately, separate rainfall totals can be developed for each county using the values in the table below

Table 5: Current Precipitation Adjustment Factors

| County | Current Precipitation Adjustment Factors | | |
|------------|--|----------------------|-----------------------|
| | 2-year Design Storm | 10-year Design Storm | 100-year Design Storm |
| Burlington | 0.99 | 1.01 | 1.04 |

- D. Table 6: Future Precipitation Change Factors provided below sets forth the change factors to be used in determining the projected two-, 10-, and 100-year storm events for use in this chapter, which are organized alphabetically by county. The precipitation depth of the projected two-, 10-, and 100-year storm events of a site shall be determined by multiplying the precipitation depth of the two-, 10-, and 100-year storm events determined from the National Weather Service’s Atlas 14 Point Precipitation Frequency Estimates pursuant to (c)1 above, by the change factor in the table below, in accordance with the county or counties where the drainage area(s) of the site is located. Where the major development and/or its drainage area lies in more than one county, the precipitation values shall be adjusted according to the percentage of the drainage area in each county. Alternately, separate rainfall totals can be developed for each county using the values in the table below.

Table 6: Future Precipitation Change Factors

| County | Future Precipitation Change Factors | | |
|------------|-------------------------------------|----------------------|----------------------|
| | 2-year Design Storm | 10-year Design Storm | 10-year Design Storm |
| Burlington | 1.17 | 1.18 | 1.32 |

§303-26. Sources for Technical Guidance:

- A. Technical guidance for stormwater management measures can be found in the documents listed below, which are available to download from the Department’s website at:

<https://dep.nj.gov/stormwater/bmp-manual/>.

- Guidelines for stormwater management measures are contained in the New Jersey Stormwater Best Management Practices Manual, as amended and supplemented. Information is provided on stormwater management measures such as, but not limited to, those listed in Tables 1, 2, and 3.
- Additional maintenance guidance is available on the Department’s website at:

<https://dep.nj.gov/stormwater/maintenance-guidance/>.

- B. Submissions required for review by the Department should be mailed to:

The Division of Watershed Protection and Restoration, New Jersey Department of Environmental Protection, Mail Code 501-02A, PO Box 420, Trenton, New Jersey 08625- 0420.

§303-27. Solids and Floatable Materials Control Standards:

- A. Site design features identified under Section 303-23.F above, or alternative designs in accordance with Section 303-23.G 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 Section 303-27.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.

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 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 N.J.A.C. 7:8 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 (4.625) 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.

§303-28. 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 BMPs. This section applies to any new stormwater management BMP.
- B. The provisions of this section are not intended to preempt more stringent municipal or county safety requirements for new or existing stormwater management BMPs. Municipal and county stormwater management plans and ordinances may, pursuant to their authority, require existing stormwater management BMPs to be retrofitted to meet one or more of the safety standards in Section 303-28 C. for trash racks, overflow grates, and escape provisions at outlet structures.
- C. Requirements for Trash Racks, Overflow Grates and Escape Provisions
 1. A trash rack is a device designed to catch trash and debris and prevent the clogging of outlet structures. Trash racks shall be installed at the intake to the outlet from the Stormwater management BMP to ensure proper functioning of the BMP outlets in accordance with the following:
 - i. The trash rack shall have parallel bars, with no greater than six-inch spacing between the bars;
 - ii. The trash rack shall be designed so as not to adversely affect the hydraulic performance of the outlet pipe or structure;
 - iii. The average velocity of flow through a clean trash rack is not to exceed 2.5 feet per second under the full range of stage and discharge. Velocity is to be computed on the basis of the net area of opening through the rack; and
 - iv. The trash rack shall be constructed of rigid, durable, and corrosion resistant material and designed to withstand a perpendicular live loading of 300 pounds per square foot.
 2. An overflow grate is designed to prevent obstruction of the overflow structure. If an outlet structure has an overflow grate, such grate shall meet the following requirements:
 - i. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
 - ii. The overflow grate spacing shall be no greater than two inches across the smallest dimension
 - iii. The overflow grate shall be constructed and installed to be rigid, durable, and corrosion resistant, and shall be designed to withstand a perpendicular live loading of 300 pounds per square foot.
 3. Stormwater management BMPs shall include escape provisions as follows:
 - i. If a stormwater management BMP has an outlet structure, escape provisions shall be incorporated in or on the structure. Escape provisions include the installation of permanent ladders, steps, rungs, or other features that provide easily accessible means of egress from stormwater management BMPs. With the prior approval of the municipality pursuant to VIII.C, a free-standing outlet structure may be exempted from this requirement;
 - ii. Safety ledges shall be constructed on the slopes of all new stormwater management BMPs having a permanent pool of water

deeper than two and one-half feet. Safety ledges shall be comprised of two steps. Each step shall be four to six feet in width. One step shall be located approximately two and one-half feet below the permanent water surface, and the second step shall be located one to one and one-half feet above the permanent water surface. See VIII.E for an illustration of safety ledges in a stormwater management BMP; and

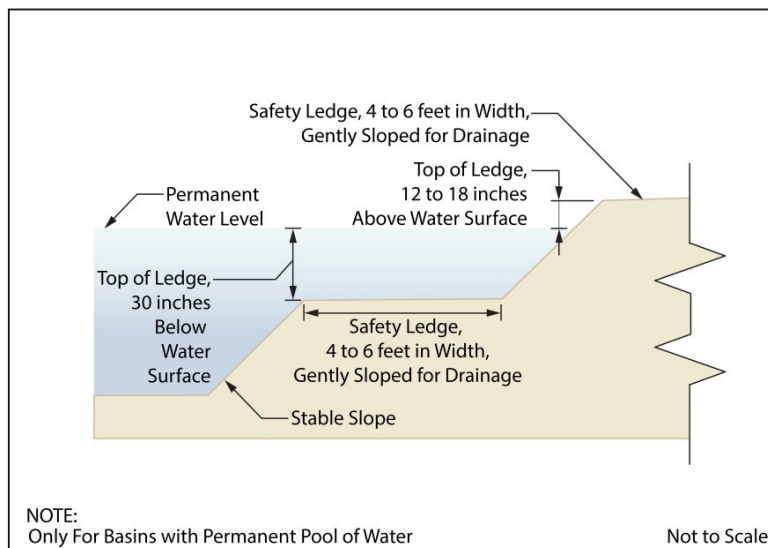
- iii. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontal to one vertical.

D. Variance or Exemption from Safety Standard

A variance or exemption from the safety standards for stormwater management BMPs may be granted only upon a written finding by the municipality that the variance or exemption will not constitute a threat to public safety.

E. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



§303-29. 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 Section 303-29.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 three (3) copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 303-29.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 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 Sections 303-22 through 303-25 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 Section 303-23 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 Section 303-30.

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 Section 303-23.C.1 through 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.

§303-30. Maintenance and Repair:

A. Applicability

Projects subject to review as in Section 303-20.C of this ordinance shall comply with the requirements of Section 303-30.B and C.

B. General Maintenance

1. The design engineer shall prepare a maintenance plan for the stormwater management measures incorporated into the design of a major development.
2. The maintenance plan shall contain specific preventative maintenance tasks and schedules; cost estimates, including estimated cost of sediment, debris, or trash removal; and the name, address, and telephone number of the person or persons responsible for preventative and corrective maintenance (including replacement). The plan shall contain information on BMP location, design, ownership, maintenance tasks and frequencies, and other details as specified in Chapter 8 of the NJ BMP Manual, as well as the tasks specific to the type of BMP, as described in the applicable chapter containing design specifics.
3. 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.
4. 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.
5. If the party responsible for maintenance identified under Section 303-30.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section 303-30.B.7 below shall be recorded upon the deed of record for each property on which the maintenance described in the

maintenance plan must be undertaken.

6. Preventative and corrective maintenance shall be performed to maintain the functional parameters (storage volume, infiltration rates, inflow/outflow capacity, etc.) of the stormwater management measure, including, but not limited to, repairs or replacement to the structure; removal of sediment, debris, or trash; restoration of eroded areas; snow and ice removal; fence repair or replacement; restoration of vegetation; and repair or replacement of non-vegetated linings.
 7. The party responsible for maintenance identified under Section 303-30.B.3 above shall perform all of the following requirements:
 - i. maintain a detailed log of all preventative and corrective maintenance for the structural stormwater management measures incorporated into the design of the development, including a record of all inspections and copies of all maintenance-related work orders;
 - ii. evaluate the effectiveness of the maintenance plan at least once per year and adjust the plan and the deed as needed; and
 - iii. retain and make available, upon request by any public entity with administrative, health, environmental, or safety authority over the site, the maintenance plan and the documentation required by Section 303-30.B.6 and B.7 above.
 8. The requirements of Section 303-30.B.3 and B.4 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.
 9. 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

§303-31. 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 fine not to exceed \$1,000 per day for every day that the provisions of this article are violated. Each day that the provisions of this article are violated shall be deemed a separate offense. All violations of this article shall be prosecuted in the Municipal Court of the Township of Delran or any other tribunal with subject matter jurisdiction

§303-32. RESERVED

Section II. 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 III. Effective Date:

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

Mr. Jeney made a motion to open the meeting to the public, seconded by Mr. Smith. All were in favor, motion approved.

There were no comments.

Mrs. Apeadu made a motion to close the public portion, seconded by Mr. Jeney All were in favor, motion approved.

Mr. Lyon made a motion, seconded by Mr. Jeney to adopt Ordinance 2024-24 on second reading.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

**TOWNSHIP OF DELRAN
ORDINANCE 2024-25**

AN ORDINANCE TO ESTABLISH SALARIES FOR VARIOUS EMPLOYEES WITHIN THE TOWNSHIP OF DELRAN, COUNTY OF BURLINGTON, STATE OF NEW JERSEY AND REGULATING THE MANNER OF PAYMENT OF SAME

BE IT ORDAINED by the Township Council of the Township of Delran in the County of Burlington and State of New Jersey that:

SECTION I. ANNUAL SALARIES

A. The base salaries of all employees listed below will be as follows per annum, per year indicated. These annual salaries are paid on a biweekly basis.

| POSITIONS | 2025 |
|--------------------------------------|---------------------|
| Business Administrator, Part-time | \$123,665.00 |
| Personnel Assistant | \$49,425-\$54,368 |
| PW Superintendent | \$112,599-\$123,859 |
| Recycling Coordinator | \$2,716.00 |
| Assistant PW Superintendent | \$87,321-\$96,054 |
| Supervising Heavy Equipment Operator | \$83,561-\$91,916 |
| Supervisor of Garage Services | \$83,561-\$91,916 |
| Tax Collector | \$18,985.00 |
| Assistant Tax Collector | \$63,318-\$69,651 |
| Secretarial Assistant 1 | \$60,473-\$66,522 |
| Secretarial Assistant 2 (5 years) | \$66,163-\$72,780 |
| Municipal Court Judge | \$35,470.00 |
| Court Administrator | \$83,733-\$92,106 |
| Municipal Clerk | \$116,620-\$128,282 |
| Deputy Municipal Clerk | \$67,396-\$74,136 |
| Registrar | \$5,647.00 |
| Tax Assessor | \$31,190.00 |
| Chief Financial Officer | \$90,903-\$99,993 |
| Emergency Management | \$5,356.00 |
| Zoning/Code Official | \$28.76-\$31.63 |
| Construction Code Official | \$83,393-\$91,733 |
| Sewer Executive Dir. Of Operations | \$108,776-\$119,654 |
| Sewer Asst. Superintendent | \$87,187-\$95,906 |
| Sewer Search Officer | \$694.00 |
| Tax Search Officer | \$727.00 |
| Fire Sub-Code Official | \$41.20-\$56.65 |
| Electrical Sub-Code Official | \$41.20-\$56.65 |
| Building/Plumbing Sub-Code Official | \$41.20-\$56.65 |
| Building Sub-Code HHS Official | \$47.38-\$56.65 |

| | |
|-------------------------|-----------------|
| Fire Inspector | \$41.20-\$56.65 |
| Plumbing Inspector | \$41.20-\$56.65 |
| School Traffic Guard | \$38.50 |
| Secretary of Recreation | \$1,233.00 |
| Violation Clerk | \$5,647.00 |
| Summer Help | \$13.39-\$25.75 |

Section II Repeal – All Ordinances or part of Ordinances inconsistent with the terms of this Ordinance are hereby repealed to the extent of their inconsistency.

Section III Adoption – This Ordinance shall take effect immediately upon its final adoption and publication according to law.

Mr. Smith made a motion to open the meeting to the public, seconded by Mrs. Apeadu. All were in favor, motion approved.

Nancy Evans, Delran Township – Ms. Evans questioned why the salaries for township employees are being raised. Mr. Bellina explained that the employees in this ordinance are unclassified employees, unaffiliated with the collective bargaining agreement. They are being given a 3% cost of living raise which is comparable to the employees affiliated with the collective bargaining agreement.

Mr. Jeney made a motion to close the public portion, seconded by Mr. Smith. All were in favor, motion approved.

Mr. Smith made a motion, seconded by Mr. Jeney to adopt Ordinance 2024-25 on second reading.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

CONSENT AGENDA

- a. **Resolution 2024-194** Approval to Submit an Additional Award Extension Request For LA-2022 Bike Delran Township FY-2022 Delran Community Park Bike Path Improvement 03 to the New Jersey Department of Transportation
- b. **Resolution 2024-195** Approval to Submit an Additional Award Extension Request for LA-2022 SST Delran Township FY-2022 Route 130 & Chester Avenue

Pedestrian Safety Improvements 03 to the New Jersey Department of Transportation

- c. **Resolution 2024-196** Approval to Submit an Additional Award Extension Request for LA-2023 Bike Delran Township FY-2023 Delran Community Park Bike Path Improvements Phase 2 03 to the New Jersey Department of Transportation
- d. **Resolution 2024-197** Refunding Sewer Overpayment Account 2253936-0
- e. **Resolution 2024-198** A Resolution Authorizing Award of Contract for the Replacement of Influent Pumps to Municipal Maintenance Co. in the Amount of \$239,997.00
- f. **Resolution 2024-199** A Resolution of the Township of Delran Adopting the 2024 County Hazard Mitigation Plan
- g. **Resolution 2024-200** Resolution to Cancel Outstanding Checks on the Books of the Township of Delran
- h. **Resolution 2024-201** Authorizing Change Order No. 1 for the 2023 Road Program
- i. **Resolution 2024-202** Resolution Requesting Approval of Items of Revenue and Appropriation in Accordance with N.J.S.A. 40A:4-87
- j. **Resolution 2024-203** Resolution Authorizing the Purchase of Two (2) 2025 Police Interceptor Utility Vehicles and One (1) 2025 Ford Expedition Under State Contract T2776 20-Fleet-01189
- k. **Resolution 2024-204** Authorizing the Purchase of a 2025 Kenworth T480 Conventional Single Axle Chassis Through the Sourcewell Purchasing Network National Contract in the Lump Sum Amount Of \$269,916.57
- l. **Resolution 2024-205** Authorizing Change Order No. 1 Stewart Avenue Roadway Improvements, Phase I
- m. **Resolution 2024-206** Resolution Authorizing the Cancellation of Taxes of a Totally Disabled Veteran Located at Block 116.03 Lot 27 Tax Year 2024 and Thereafter
- n. **Resolution 2024-207** Resolution Authorizing the Cancellation of Taxes of a Totally Disabled Veteran Located at Block 28 Lot 2 Tax Year 2024 and Thereafter
- o. **Resolution 2024-208** Approving Raffle License 656 & 657 For Delran Middle and High School PTA
- p. **Resolution 2024-209** Authorizing the Township of Delran to Accept a Grant from the State of New Jersey Department of Law and Public Safety, Office of the Attorney

General in the Amount of \$45,150 Under the FY2025 Safe and Secure Communities Program, Subaward Grant 25-0310 and Authorizing Mayor Gary Catrambone and Captain Matthew Gasper to Execute and the Township Clerk to Attest to a Subgrant Award and any and all Documents in Connection with this Grant

- q. Resolution 2024-210** Authorizing 2024 Budget Transfers
- r. Resolution 2024-211** Authorizing the Chief Financial Officer to Make Year End Transfers and Payment of all Necessary Bills
- s.** Authorizing the payment of bills including all purchases made under the Cooperative Purchasing Agreement
- t.** Accepting the report of the CFO including the November 2024 YTD Revenue Report, YTD Budget Report and November Check Register.
- u.** Accepting the report of the Tax Collector and Township Clerk

Mr. Jeney made a motion, seconded by Mrs. Apeadu to adopt the above Consent Agenda.

There being no questions, the roll was called.

Roll Call: Mrs. Apeadu, Mr. Smith, Mr. Jeney, Mr. Lyon and Mr. Burrell voted aye.

Ayes: 5

Nays: None

Motion Approved

REPORTS

Emergency Services – Chuck McSweeney reported that the emergency squad was busy in November, facilitating 194 transports and helping some surrounding townships as well. He stated that the winter festival was a great time and wished everyone a happy holiday season.

Boards/Committees – Deb Hammond announced a First Day Hike at Lake Lonnie at 1:00 PM on New Year's Day followed by a bonfire compliments of the Delran Fire Company. There will also be an introduction to geocaching at noon on the same day.

Mr. Bellina – No report

Ms. Eggers – No report

Mr. Wright– No report

Mrs. Apeadu – Mrs. Apeadu wished everyone a safe and happy holiday season.

Mr. Smith – Mr. Smith thanked all of the first responders who do so much for the residents during the year. He thanked Mayor Catrambone and Mr. Burrell for their service to Delran over the years. Mr. Smith stated that he anticipates successfully working with the council and the new mayor in 2025.

Mr. Jeney – Mr. Jeney wished residents a happy, healthy holiday. He congratulated Mr. Burrell and stated that he will be missed. Mr. Jeney reminisced about working with Mr. Catrambone over the years. He wished him the best and commented that he will be missed as well.

Mr. Lyon – Mr. Lyon wished everyone a safe, wonderful holiday season. He stated that the winter festival was a great event and appreciated all the hard work that goes into the evening. Mr. Lyon also announced that there will be efforts made in 2025 to pave more roads as well as calm some traffic issues around town.

He noted that Mr. Burrell will do well in his future role for the county and wished him the best moving forward. Mr. Lyon thanked Mr. Catrambone for his love and service to Delran over the many years that he has worked in the township.

Mr. Burrell – Mr. Burrell thanked the people who work hard to keep the township running smoothly including, the administration, public works, the sewer department, the first responders, fellow council members, mayor, and countless volunteers. He thanked his family and friends for their support over the years. He touched on the many accomplishments achieved in Delran during his time on council including stable taxes, a double A bond rating, a Tree City designation and the investment in bigger and better community events. Mr. Burrell remarked that his time in Delran has made him a better person and it has been an honor of a lifetime to have served his hometown.

Mr. Catrambone – Mr. Catrambone thanked all the people who have helped him along the way including his family, the employees in the administration offices, public works, the sewer department, first responders, and town council. He outlined many achievements including live streaming the council meetings, stabilizing taxes and sewer rates, maintaining a fantastic credit rating, and establishing the Delran Community Park including Jake’s Place as well as additional feats. He also noted the accomplishments of the Green Team as well as The Delran Historical Society. Mr. Catrambone thanked local businesses and religious institutions for their contributions over the years. He said although he will no longer be mayor, he will always be available to help.

PUBLIC PORTION

Mr. Smith made a motion, seconded by Mr. Jeney to open the meeting to the public. All were in favor; the motion was approved.

Ann Rapisarda, Lumberton, NJ, Vice President, Friends of the Burlington County Animal Shelter – Ms. Rapisarda explained that her organization is a nonprofit that raises over \$500,000 a year to support the county animal shelter. She and other volunteers would like to see the Burlington County Animal Shelter achieve a no-kill status. They need help with approximately 24 community cats in Delran Township and they would like to discuss the possibility of a TNR ordinance. Friends of the Burlington County Animal Shelter will pay for all necessary procedures. Mr. Catrambone responded that he has had some contact with the director of the shelter and someone from council will reach out to coordinate efforts.

Tom Morrow, Delran, NJ – Mr. Morrow commended Mr. Burrell regarding his compassion for his community. He praised and thanked Mr. Catrambone for his dedication to Delran Township.

Dan O’Connell, Delran NJ – Mr. O’Connell complimented Mr. Burrell and read a proclamation for Mayor Catrambone from the Burlington County Commissioners.

Ted Walker, 867 Waterford Drive – Mr. Walker stated that Mr. Catrambone is a good man and he will be missed.

Mr. Smith made a motion, seconded by Mrs. Apeadu to close the meeting to the public All were in favor; the motion was approved.

Mr. Lyon made a motion to adjourn the meeting, seconded by Mrs. Apeadu. All were in favor; the meeting was adjourned.

Submitted,

Jamey Eggers
Municipal Clerk