

THE MEETING OF THE CITY OF BURLINGTON COMMON COUNCIL, COUNTY OF BURLINGTON, STATE OF NEW JERSEY, WAS HELD ON TUESDAY, MAY 11, 2021, AT 7:00 PM, VIA ZOOM PURSUANT TO THE OPEN PUBLIC MEETINGS ACT.

The following notice of the meeting was sent:

PLEASE TAKE NOTICE, that in accordance with the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq., as amended by A-3850, and in consideration of Executive Orders No. 103 and 107, issued by Governor Murphy on March 9 and 21, 2020 respectively, declaring a State of Emergency and a Public Health Emergency in the State of New Jersey, the City of Burlington does hereby notify the public that to protect the health, safety and welfare of our citizens while ensuring the continued functioning of government, the Regular meeting of the Common Council scheduled for May 11, 2021 will be held electronically only. Members of the public who wish to participate in the meeting may do so by calling in or joining at 7:00p.m. Individuals calling in or joining will be able to fully participate in the meeting, including providing public comment.

Join Zoom Meeting:

<https://us02web.zoom.us/j/2993296844?pwd=UURxMXhYMyxYXIUNUJZTHZwemxqQT09>

Dial: 1-646-558-8656

Meeting ID: 299 329 6844

Password: 863459

Cindy A. Crivaro, RMC
Municipal Clerk

Governing Body Members present: Dave Babula, George Chachis, Helen Hatala, Denise Hollingsworth, Tom Swan, Suzanne Woodard, Ila Marie Lollar. (7) Absent: (0)

Also present: Mayor Conaway, Administrator- David Ballard, Chief Financial Officer- Ken Mac Millan, Director of Housing- Bill Harris, Director of Public Works- Bill Curry, Director of Public Affairs- John Alexander, Municipal Attorney- Lou Garty, Police Lt. Elbertson, Tax Collector- Lynette Miller.

INVOCATION

Father Jerome Guld of St. Katharine Drexel Parish

SALUTE TO FLAG

CONSENT AGENDA

Councilwoman Hatala, moved that all Consent Agenda items be approved. It was seconded by Councilwoman Woodard. All were in favor.

PETITIONS AND COMMUNICATIONS*

Approved by Consent Agenda. All were in favor.

CORRESPONDENCE FOR APRIL 2021

NOTICES, AGENDAS, MINUTES, REPORTS, ETC. RECEIVED

Reports from various departments received:

Monies collected by the Municipal Clerk's Office for the month of March 2021 \$1,520.00

AGENDAS RECEIVED FROM VARIOUS BOARDS

04-01 Historic Preservation Commission, dated May 5, 2021

PETITIONS OF APPEALS:

04-30 Block 101, Lot 1.01

04-31 Block 932, Lot 44

CORRESPONDENCE TO AND FROM BURLINGTON COUNTY

04-500 Burlington County, re: shredding event May 16, 2021

CORRESPONDENCE TO AND FROM THE NJLM

04-600 NJLM, dated April 9, 2021, re: State & Federal Issues, 2020 Annual League Conference

04-601 NJLM, dated April 16, 2021, re: State & Federal Issues, 2020 Annual League Conference

04-602 NJLM, dated April 23, 2021, re: State & Federal Issues, 2020 Annual League Conference

04-602 NJLM, dated April 27, 2021, re: Easing of Covid-19 Restrictions

CORRESPONDENCE TO AND FROM THE STATE OF NEW JERSEY

04-700 NJDOH, dated April 7, 2021, re: COVID -19 Activity Level Report

04-701 NJDOH, dated April 10, 2021, re: COVID -19 Activity Level Report

04-702 NJDOT, re: working toward a cleaner New Jersey

04-703 NJDOT, re: FAQ's to Assist Businesses with Out-door Dining Applications

04-704 NJSHR, re: 2021 Summer Youth Camp Registration Webinar

MISCELLANEOUS CORRESPONDENCE

04-800 Neptune Hose Company Annual Report 2020

04-801 Endeavor Emergency Squad, Inc., dated April 29, 2021, re: re-accreditation

04-802 NJT, dated April 29, 2021

04-803 Councilman Tom Swan, dated, April 26, 2021, re: Burlington Downtown District Lighting

04-804 Sisterhood, Inc., re: COVID-19 Awareness Prevention Program

APPROVAL OF INVOICES*

Approved by Consent Agenda. All were in favor.

APPROVAL OF MINUTES*

Approved by Consent Agenda. All were in favor.

LIMITING CITIZENS TO SPEAK NO MORE THAN TWO (2) MINUTES, ONLY ONE TIME EACH, DURING THIS MEETING OF MAY 11, 2021*

Approved by Consent Agenda. All were in favor.

2021 MUNICIPAL BUDGET PUBLIC HEARING

None.

ORDINANCE(S) - INTRODUCTION & FIRST READING

AN ORDINANCE OF THE CITY OF BURLINGTON, AUTHORIZING THE SALE OF CITY OWNED PROPERTY IDENTIFIED AS BLOCK 150, LOT 24 (309 GREEN STREET)

Upon the motion of Councilman Babula, seconded by Councilwoman Woodard, the foregoing ordinance was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

ORDINANCE(S) - SECOND READING & FINAL DISPOSITION

ORDINANCE NO. 10-2021 OF THE CITY OF BURLINGTON AMENDING GENERAL REVISED ORDINANCE CHAPTER 54-28 SETTING FORTH TITLES AND SALARY RANGES FOR VARIOUS POSITIONS WITHIN THE CITY OF BURLINGTON

WHEREAS, the City of Burlington is desirous of amending the salary ordinance for School Traffic Guards for the years 2017 through 2021;

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Burlington, County of Burlington, New Jersey, as follows:

SECTION I. Establishment of Salary Ranges:

Hourly Rates are hereby established for the School Traffic Guards for the years 2017 – 2021:

	2017	2018	2019	2020	2021
Tier 1	\$13.89	\$14.17	\$14.45	\$14.74	\$15.04
Tier 2	\$14.98	\$15.28	\$15.59	\$15.90	\$16.22
Tier 3	\$20.29	\$20.69	\$21.11	\$21.53	\$21.96

SECTION II. Effective Date:

Amending Section II to read:

The Salary Amendments for these positions shall be effective January 1 of the respective year unless indicated otherwise.

Upon the motion of Councilwoman Woodard, seconded by Councilwoman Hollingsworth, the foregoing ordinance was introduced.

Public Comments

None.

Council Comments

None.

This ordinance was then adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

ORDINANCE NO. 11-2021 OF THE CITY OF BURLINGTON TO EXCEED THE MUNICIPAL BUDGET APPROPRIATION LIMITS AND TO ESTABLISH A CAP BANK (N.J.S.A. 40A: 4-45.14)

WHEREAS, the Local Government Cap Law, N.J.S. 40A: 4-45.1 et seq., provides that in the preparation of its annual budget, a municipality shall limit any increase in said budget to 1.0% unless authorized by ordinance to increase it to 3.5% over the previous year's final appropriations, subject to certain exceptions; and

WHEREAS, N.J.S.A. 40A: 4-45.15a provides that a municipality may, when authorized by ordinance, appropriate the difference between the amount of its actual final appropriation and the 3.5% percentage rate as an exception to its final appropriations in either of the next two succeeding years; and

WHEREAS, the Common Council of the City of Burlington in the County of Burlington finds it advisable and necessary to increase its CY 2021 budget by up to 3.5% over the previous year's final appropriations, in the interest of promoting the health, safety and welfare of the citizens; and

WHEREAS, the Common Council hereby determines that a 3.5% increase in the budget for said year, amounting to \$ 330,175.04 in excess of the increase in final appropriations otherwise permitted by the Local Government Cap Law, is advisable and necessary; and

WHEREAS, the Common Council hereby determines that any amount authorized hereinabove that is not appropriated as part of the final budget shall be retained as an exception to final appropriation in either of the next two succeeding years.

NOW THEREFORE BE IT ORDAINED, by the Common Council of the City of Burlington, in the County of Burlington, a majority of the full authorized membership of this governing body

affirmatively concurring, that, in the CY 2021 budget year, the final appropriations of the City of Burlington shall, in accordance with this ordinance and N.J.S.A. 40A: 4-45.14, be increased by 3.5 %, amounting to \$539,113.13 and that the CY 2021 municipal budget for the City of Burlington be approved and adopted in accordance with this ordinance; and

BE IT FURTHER ORDAINED, that any amount authorized hereinabove that is not appropriated as part of the final budget shall be retained as an exception to final appropriation in either of the next two succeeding years; and

BE IT FURTHER ORDAINED, that a certified copy of this ordinance as introduced be filed with the Director of the Division of Local Government Services within 5 days of introduction; and

BE IT FURTHER ORDAINED, that a certified copy of this ordinance upon adoption, with the recorded vote included thereon, be filed with said Director within 5 days after such adoption.

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing ordinance was introduced.

Public Comments

None.

Council Comments

None.

This ordinance was then adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

ORDINANCE NO. 12-2021 OF THE CITY OF BURLINGTON AMENDING CHAPTER 195 OF THE CODE OF THE CITY OF BURLINGTON (LANDLORD REGISTRATION)

WHEREAS, the City of Burlington is a Faulkner Act municipality with a Mayor-Council form of government pursuant to New Jersey Statute 40:69A-31, *et seq.*, with its organization, positions, powers, and duties outlined within the Code of the City of Burlington as set forth pursuant to the Faulkner Act; and

WHEREAS, the City wishes to amend certain Code provisions governing the annual registration requirements for landlords to revise the fee schedule to reflect changes in the screening costs as recommended by the Chief Code Enforcement Officer, due to the fact that the screening report is now required and not optional.

NOW THEREFORE BE IT FURTHER ORDAINED by the Common Council for the City of Burlington that Section 195 of the City Code shall be amended, added to or deleted as follows, with new matter being underlined thus, deletions crossed out ~~thus~~, and any and all other sections

or subsections not mentioned herein shall remain as written:

§ 195-29 Registration and licensing.

...C. Tenant screening reports.

~~...(4) Landlords shall be entitled to a \$25 reduction in fees for a registration certificate upon presentation at the time of registration of a tenant screening report.~~

BE IT FURTHER ORDAINED that this Ordinance shall take effect immediately upon final passage and publication as required by law.

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing ordinance was introduced.

Public Comments

None.

Council Comments

None.

This ordinance was then adopted by the following roll call vote: AYES: Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (6); NAYS: Mr. Babula. (1); ABSTAIN: (0); ABSENT: (0).

ORDINANCE NO. 13-2021 OF THE CITY OF BURLINGTON AUTHORIZING THE SALE OF CITY OWNED PROPERTY IDENTIFIED AS BLOCK 221, LOT 3 (ROUTE 130 NORTH & JACKSONVILLE ROAD)

WHEREAS, the City of Burlington is a Faulkner Act municipality with a Mayor-Council form of government pursuant to N.J.S.A. 40:69A-31, *et seq.*, with its organization, positions, powers, and duties outlined within the Code of the City of Burlington as set forth pursuant to the Faulkner Act; and

WHEREAS, the City of Burlington has determined that certain City-owned property, identified on the Tax Map as Block 221, Lot 3 (“the Property”), also known as 3018 Route 130 North & Jacksonville Road is no longer needed for public purposes as contemplated by N.J.S.A. 40A:12-13; and

WHEREAS, the Property is located within the Redevelopment Area as described in the January 2020 report of David G. Gerkins, AICP, PP, of CPG&H, LLC for the area of Rt. 130 and Jacksonville Road as established by the City and governed by the aforementioned Redevelopment Plan, as adopted and designated by the Common County through Ordinance No. 07-2020, effective April 9, 2020; and

WHEREAS, pursuant to the Local Redevelopment and Housing Law, N.J.S.A. 40A:12A-8g and

N.J.S.A. 40A:12A-22j, the City may, among other things, authorize the sale of property located within redevelopment areas without the necessity for public bidding.

NOW THEREFORE BE IT ORDAINED by the Common Council for the City of Burlington that certain City-owned property, identified on the Tax Map as Block 221, Lot 3, (more commonly known as 3018 Route 130 North & Jacksonville Road), is no longer needed for public purposes and shall be sold pursuant to the authority outlined with the Local Redevelopment and Housing Law, N.J.S.A. 40A:12A-8g and N.J.S.A. 40A:12A-22j; and

BE IT FURTHER ORDAINED that the City and its Administrative staff and consultants are granted the authority to solicit and negotiate a contract for sale of the Property, and that should acceptable terms be reached, the Common Council for the City of Burlington shall review, consider, and if appropriate, approve a contract for sale of the Property via Resolution; and

BE IT FURTHER ORDAINED that this Ordinance shall take effect immediately upon final passage and publication as required by law.

Upon the motion of Councilman Babula, seconded by Councilwoman Woodard, the foregoing ordinance was introduced.

Public Comments

None.

Council Comments

None.

This ordinance was then adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

ORDINANCE NO. 14-2021 OF THE CITY OF BURLINGTON AMENDING CHAPTER 207 OF THE CODE OF THE CITY OF BURLINGTON (LAND DEVELOPMENT, ARTICLE VI, STORM WATER MANAGEMENT)

ORDINANCE NO. 14-2021 OF THE CITY OF BURLINGTON AMENDING CHAPTER 207 OF THE CODE OF THE CITY OF BURLINGTON (LAND DEVELOPMENT, ARTICLE VI, STORM WATER MANAGEMENT)

WHEREAS, on March 2, 2020, the New Jersey Department of Environmental Protection (“the State” or “DEP”) provided written notification in accordance with the New Jersey Pollutant Discharge Elimination System (NJPDES) Municipal Separate Storm Sewer System (MS4) permit, that the City’s Storm-water Control Ordinance (SCO) was required to be revised and effective by to conform with the amended Storm-water Management rules at N.J.A.C. 7:8; and

WHEREAS, the City’s consulting Engineers, Pennoni Engineering, have reviewed the draft

revisions and recommended changes to the Code to comply with the State regulations while retaining provisions in the City's Ordinance which provide certain allowable local provisions which the City's consulting Engineers recommended be retained, including certain requirements specific to the City of Burlington for site plans and subdivisions of less than one acre in disturbance that require preliminary or final site plan or subdivision review and the specific indication that the revised standards do not apply to single-family residential applications which do not meet the definition of major development; and

WHEREAS, the retention of the local standards also enables the City to continue to prohibit certain actions which was previously determined to have a negative impact if permitted; and

WHEREAS, the Common Council for the City of Burlington wishes to enact legislation to amend certain Code provisions in order to be consistent with the aforementioned revised State requirements for Storm-water Control and in a manner which is consistent with the recommendations of its consulting engineers; and

WHEREAS, pursuant to New Jersey's Municipal Land Use Law (N.J.S.A. 40:55D-1, et seq.) any ordinance involving changes to standards for land use and zoning must be referred to the Land Use Board (the "Land Use Board") for review and comment; and

WHEREAS, the Common Council for the City of Burlington has introduced the within Ordinance with a first reading at the meeting of the Common Council held on April 13, 2021 which would amend the City Code with respect to certain Storm Water Management requirements which are enacted to comply with revised State standards; and

WHEREAS, in introducing the within Ordinance, the Common Council does hereby refer this Ordinance to the Land Use Board for its review and requests that the Land Use Board provide a report to the Common Council on adoption of the Ordinance; and

WHEREAS, the Municipal Clerk is hereby directed to provide a copy of the draft Ordinance to the Secretary for the Land Use Board and to the Land Use Board's Solicitor promptly upon the passage of the first reading; and

WHEREAS, upon approval of the legislation, the City is required pursuant to N.J.A.C. 7:8-4.4, to submit the adopted SCO (with revisions) to the County review agency for its review and approval, with a copy to also be submitted to the NJ DEP; and

WHEREAS, the Common Council of the City of Burlington does hereby authorize the appropriate members of the City's administration, including the Director of Public Works, to coordinate with the consulting engineers to submit the revised Ordinance to the County and to the State as required, upon the final approval and adoption of this legislation.

NOW THEREFORE BE IT FURTHER ORDAINED by the Common Council for the City of Burlington that Section 207 of the City Code, Article VI, relating to Stormwater Control, which

shall be amended, added to or deleted as follows, with new matter being underlined thus, deletions crossed out ~~thus~~, and any and all other sections or subsections not mentioned herein shall remain as written:

§ 207-53 Scope and purpose.

~~A.~~ **Section I. Scope and Purpose:**

A. ~~Policy statement.~~ **Statement**

Flood control, groundwater recharge, and pollutant reduction ~~through nonstructural or low impact techniques shall be explored before relying on structural~~ **achieved through the use of stormwater management measures, including green infrastructure Best Management Practices (GI BMPs. Structural BMPs should be integrated with-) and nonstructural stormwater management strategies and proper maintenance plans. Nonstructural strategies include both environmentally sensitive site design. GI BMPs and source controls that prevent pollutants from being placed on the site or from being exposed** **low impact development (LID) should be utilized to stormwater. Source control plans 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.~~

B. Purpose

~~The. It is the purpose of this article~~ **ordinance is to establish minimum stormwater management requirements and controls for “major development,” as defined below in § ~~207-54.~~ Section II.**

~~C.~~

C. Applicability:

~~(a)~~

1. This ~~article~~ **ordinance** shall be applicable to ~~all site plans and subdivisions for the following major developments that require preliminary or final site plan or subdivision review:~~

~~(a)~~

~~Nonresidential~~

- a. **Non-residential** major developments; and

~~(b)~~

b. Aspects of residential major developments that are not ~~preempted~~**pre-empted** by the Residential Site Improvement Standards at N.J.A.C. 5:21.

~~(2)~~

1. This ~~article~~**ordinance** shall also be applicable to all major developments undertaken by Burlington City.

~~(3)~~

2. This article contains requirements specific to the City of Burlington for site plans and subdivisions of less than one acre in disturbance that require preliminary or final site plan or subdivision review.

~~(4)~~

3. This article does not apply to single-family residential applications that do not meet the definition of major development.

~~D:~~

1. Compatibility with ~~other permit~~**Other Permit** and ~~ordinance~~ requirements:
Ordinance Requirements

Development approvals issued ~~for subdivisions and site plans~~ pursuant to this ~~article~~**ordinance** are to be considered an integral part of development approvals ~~under the subdivision and site plan review process~~ 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 ~~article~~**ordinance** shall be held to be the minimum requirements for the promotion of the public health, safety, and general welfare.

This ~~article~~**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 ~~article~~**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.

~~§ 207-54~~**Definitions.**

~~Unless specifically defined below, words or phrases used in this article shall be interpreted so as to give them the meaning they have in common usage and to give this article its most reasonable application.~~

Section II. Definitions:

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

Those

“CAFRA Centers, Cores or Nodes” means those areas ~~within~~with boundaries ~~accepted~~incorporated by reference or revised by the Department ~~pursuant to~~in accordance with N.J.A.C. 7:8-5B-13.16.

CAFRA PLANNING MAP

“CAFRA Planning Map” means the map used by the Department to identify the location

~~The geographic depiction of the boundaries for Coastal Planning Areas, CAFRA Centers~~centers, CAFRA ~~Cores~~cores, and CAFRA ~~Nodes~~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. 7:7E-5B-38-4.2(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

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“Compaction” means the increase in soil bulk density.

CORE

A

“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

An

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

A.

1. A county planning agency; or

B.

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

The New Jersey

“Department” means the Department of Environmental Protection.

DESIGN ENGINEER

A

“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.

DESIGNATED CENTER

A state development and redevelopment plan center as designated by the State Planning Commission such as urban, regional, town, village, or hamlet.

DEVELOPMENT

“Development” means the

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, ~~by any person,~~ 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 lands, ~~“land, development”~~ means: any activity that requires a ~~state~~**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.*

DRAINAGE AREA

A

“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 ~~water body~~waterbody** or to a particular point along a receiving ~~water body~~**waterbody**.**

EMPOWERMENT NEIGHBORHOOD

A neighborhood 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.

ENVIRONMENTALLY CRITICAL AREAS

An area or feature which is of significant environmental value, including but not limited to stream corridors; natural heritage priority sites; habitat of endangered or threatened species; large areas of contiguous open space or upland forest; steep slopes; and well head protection and groundwater recharge areas.

“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.

EROSION

The

“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.

IMPERVIOUS SURFACE

A

“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

~~The~~

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

MAJOR DEVELOPMENT

“Lead planning agency” means

~~Any development that provides for ultimately disturbing 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. "Disturbance" for the purpose of this article is the placement of~~ since February 2, 2004;
2. ~~The creation of one-quarter acre or more of “regulated impervious surface or exposure and/or movement of soil or bedrock”~~ since February 2, 2004;
3. ~~The creation of one-quarter acre or clearing, cutting, more of “regulated motor vehicle surface”~~ since March 2, 2021 ~~{or removing of vegetation.~~ *the effective date of this ordinance, whichever is earlier*; or
4. MUNICIPALITY 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, racetracks, and runways.

“Municipality” means any

Any city, borough, town, township, or village.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

A

“Municipal Separate Storm Sewer System (MS4)” means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by the City of Burlington or other public body, and is designed and used for collecting and conveying stormwater.

[Added 7-20-2010 by Ord. No. 18-2010]

NODE

An

“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 IV.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

A

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

PERSON

“Person” means any

Any individual, corporation, company, partnership, firm, association, ~~Burlington City, or~~ political subdivision of this State and any state ~~subject to municipal jurisdiction pursuant to the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq,~~

interstate or Federal agency.

POLLUTANT

Any

“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, ~~groundwaters~~ ground waters or surface waters of the ~~state~~ State, or to a domestic treatment works. “Pollutant” includes both hazardous and nonhazardous pollutants.

RECHARGE

The

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

SEDIMENT

Solid

“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

The
“**Site**” means the lot or lots upon which a major development is to occur or has occurred.

SOIL

All

“**Soil**” means all unconsolidated mineral and organic material of any origin.

STATE DEVELOPMENT AND REDEVELOPMENT PLAN METROPOLITAN PLANNING AREA (PA1)

An
“**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 State's future redevelopment and revitalization efforts.

STATE PLAN POLICY MAP

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

STORM DRAIN INLET

An opening in a storm drain used to collect stormwater runoff and includes, but is not limited to, a grate inlet, curb-opening inlet, slotted inlet, and combination inlet

[Added 7-20-2010 by Ord. No. 18-2010]

STORMWATER

Water

“**Stormwater**” means water resulting from precipitation (including rain and snow) that runs off the land's 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 BASIN

An

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

STORMWATER MANAGEMENT MEASURE

Any structural or nonstructural strategy,

“**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 nonstormwater non-stormwater discharges into stormwater conveyances.

STORMWATER RUNOFF

Water

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

TIDAL FLOOD HAZARD AREA

A flood hazard area, which may be influenced by stormwater runoff from inland areas, but which is primarily caused by the Atlantic Ocean.

URBAN COORDINATING COUNCIL EMPOWERMENT NEIGHBORHOOD

A

“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~~State resources through the New Jersey Redevelopment Authority.

URBAN ENTERPRISE ZONES

A

“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

Previously

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

A.

1. Delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1), Designated Centers, Cores or Nodes;

B.

2. Designated as CAFRA Centers, Cores or Nodes;

C.

3. Designated as Urban Enterprise Zones; and

D.

4. Designated as Urban Coordinating Council Empowerment Neighborhoods.

WATERS OF THE STATE

The

“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 ~~water~~ or groundwater, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

WETLANDS or WETLAND

An

“Wetlands” or “wetland” means an area that is inundated or saturated by surface water or ~~groundwater~~ **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.”

§ 207-55 General standards.

A.

Section III. Design and ~~performance standards for stormwater management measures.~~ Performance Standards for Stormwater Management

(t)

Measures

- A. Stormwater management measures for major development shall be ~~developed~~ **designed to meet the** provide erosion control, groundwater recharge, stormwater runoff quantity **control**, and stormwater runoff quality **treatment as follows:**
 1. The minimum ~~standards in § 207-56.~~ ~~To the maximum extent practicable, these standards~~ **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 nonstructural stormwater management strategies into the design. If these strategies alone are not sufficient to meet these standards, structural stormwater management**

~~measures necessary to meet these standards shall be incorporated into the design~~green infrastructure.

~~(2)~~

- A. The standards in this ~~article~~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~~Water Quality Management Plan adopted in accordance with Department rules.

~~B.~~

- ~~B. Prohibited conduct. No person in control of private property (except a residential lot with one single-family house) shall authorize the repaving, repairing (excluding the repair of individual potholes), resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen), reconstructing or altering any surface that is in direct contact with an existing storm drain inlet on that property unless the storm drain inlet either:~~

~~{Added 7-20-2010 by Ord. No. 18-2010}~~

~~(1)~~

1. Already meets the design ~~standards~~standards in § ~~207-56E(3)~~Section 207-56E(3) to control passage of solid and floatable materials; or
2. Is retrofitted or replaced to meet the standard in § ~~207-56E(3)~~Section 207-26E(3) prior to the completion of the project.

~~(2)~~

~~C.~~

~~C.~~

- C. Enforcement. This article shall be enforced by the Zoning Officer or Code Enforcement Officer of the City of Burlington.

~~{Added 7-20-2010 by Ord. No. 18-2010}~~

~~D.~~

~~D.~~

- D. Penalties. Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed the maximum amount permitted by N.J.S.A. 40:49-5 for each storm drain inlet that is not retrofitted to meet the design standard.

~~{Added 7-20-2010 by Ord. No. 18-2010}~~

~~§ 207-56Stormwater management requirements for major development.~~

~~A.~~

Section IV. 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 ~~§ 207-62~~ Section X.

~~B:~~

- B. Stormwater management measures shall avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the ~~Department~~ 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 muhlenbergi* ~~muhlenbergi~~ *muhlnebergi* (bog turtle).

~~C:~~

- C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff ~~quantity~~ quality, and stormwater runoff ~~quality~~ quantity Subsections ~~F~~ Section IV.P, Q and ~~G~~ R:

~~(1):~~

1. The construction of an underground utility line, provided that the disturbed areas are revegetated upon completion;

~~(2):~~

2. The construction of an aboveground utility line, provided that the existing conditions are maintained to the maximum extent practicable; and

~~(3):~~

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. A waiver from strict compliance from the green infrastructure, groundwater recharge, stormwater runoff ~~quantity~~ quality, and stormwater runoff ~~quality~~ quantity requirements of Subsections ~~F~~ Section IV.O, P, Q and ~~G~~ 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):~~

1. The applicant demonstrates that there is a public need for the project that cannot be accomplished by any other means;

~~(2):~~

2. The applicant demonstrates through an alternatives analysis, that through the use of ~~nonstructural and structural~~ stormwater management ~~strategies and~~ measures, the option selected complies with the requirements of Subsections ~~F~~ and ~~G~~ Section IV.O, P, Q and R to the maximum extent practicable;

~~(3):~~

3. The applicant demonstrates that, in order to meet the requirements of Subsections ~~F~~ and ~~G~~ Section IV.O, P, Q and R, existing structures currently in use, such as homes and buildings, would need to be condemned; and

~~(4)~~

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 ~~Subsection D(3)~~ IV.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of ~~Subsections F-Section IV.O, P, Q and G-~~ R that were not achievable ~~on-site~~ onsite.

~~E~~

Nonstructural stormwater management strategies:

~~(1)~~

To the maximum extent practicable, the standards in Subsections ~~F~~ and ~~G~~ shall be met by incorporating nonstructural stormwater management strategies set forth at Subsection ~~E~~ into the design. The applicant shall identify the nonstructural measures incorporated into the design of the project. If the applicant contends that it is not feasible for engineering, environmental, or safety reasons to incorporate any nonstructural stormwater management measures identified in Subsection ~~E(2)~~ below into the design of a particular project, the applicant shall identify the strategy considered and provide a basis for the contention:

~~(2)~~

Nonstructural stormwater management strategies incorporated into site design shall:

~~(a)~~

Protect areas that provide water quality benefits or areas particularly susceptible to erosion and sediment loss;

~~(b)~~

Minimize impervious surfaces and break up or disconnect the flow of runoff over impervious surfaces;

~~(c)~~

Maximize the protection of natural drainage features and vegetation;

~~(d)~~

Minimize the decrease in the "time of concentration from preconstruction to postconstruction." "Time of concentration" is defined as the time it takes for runoff to travel from the hydraulically most distant point of the watershed to the point of interest within a watershed;

~~(e)~~

Minimize land disturbance, including clearing and grading;

~~(f)~~

Minimize soil compaction;

~~(g)~~

Provide low-maintenance landscaping that encourages retention and planting of native vegetation and minimizes the use of lawns, fertilizers and pesticides;

~~(h)~~

Provide vegetated open-channel conveyance systems discharging into and through stable vegetated areas;

~~(i)~~

Provide other source controls to prevent or minimize the use or exposure of pollutants at the site, in order to prevent or minimize the release of those pollutants into stormwater runoff. Such source controls include, but are not limited to:

~~(1)~~

Site design features that help to prevent accumulation of trash and debris in drainage systems, including features that satisfy Subsection ~~E(3)~~ below;

~~(2)~~

Site design features that help to prevent discharge of trash and debris from drainage systems;

~~(3)~~

Site design features that help to prevent and/or contain spills or other harmful accumulations of pollutants at industrial or commercial developments; and

~~(4)~~

~~When establishing vegetation after land disturbance, applying fertilizer in accordance with the requirements established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules:~~

~~(5)~~

~~Site design features identified under Subsection ~~(2)(f)~~ above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this subsection, "solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids. For exemptions to this standard see Subsection ~~(3)(c)~~ below.~~

~~(6)~~

~~Design engineers shall use either of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:~~

~~(1)~~

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

~~(2)~~

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

~~(3)~~

~~Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors.~~

~~(b)~~

~~Whenever design engineers use a curb-opening inlet, the clear space in that curb opening (or each individual clear space, if the curb opening has two or more clear spaces) shall have an area of no more than seven square inches, or be no greater than two inches across the smallest dimension. This type of curb opening inlet is only required in areas of the City that are outside of the floodplain.~~

~~(c)~~

~~This standard does not apply:~~

~~(1)~~

~~Where the review agency determines that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets that meet these standards;~~

~~(2)~~

- A. 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 IV.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://njstormwater.org/bmp_manual2.htm

B. 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.

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)
Grass Swale	50 or less	No	No	2 ^(e) 1 ^(f)
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	--

(Notes corresponding to annotations ^(a) through ^(e) are found on Page D-15)

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 on Page D-15)

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 to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at Section IV.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 II;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at Section II.

C. 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 VI.B. Alternative stormwater management measures may be used to satisfy the requirements at Section IV.O only if the measures meet the definition of green infrastructure at Section II. 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 IV.D is granted from Section IV.O.

- D. 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.
- E. 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 VIII.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 VIII; 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.
- A. 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 II may be used only under the circumstances described at Section IV.O.4.
 - B. Any application for a new agricultural development that meets the definition of major development at Section II shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Sections IV.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.
 - C. If there is more than one drainage area, the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section IV.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.
 - D. Any stormwater management measure authorized under the municipal stormwater management plan or ordinance shall be reflected in a deed notice recorded in the *{insert Office of the County Clerk or the registrar of deeds and mortgages of the county in which the development, project, project site, or mitigation area containing the stormwater management measure is located, as appropriate, to the municipality}*. 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 IV.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 X.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.

E. 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 IV 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.

F. 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 IV.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section IV.F. and/or an alternative stormwater management measure approved in accordance with Section IV.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 IV.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 IV.G.
4. If ~~it~~ a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Section IV.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 IV.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section IV.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 IV.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Section IV.D.

A. Groundwater Recharge Standards

A rectangular space ~~4-5/8 inches long and 1 1/2 inches wide (this option does not apply for outfall netting facilities); or~~

~~(b)~~

~~A bar screen having a bar spacing of 0.5 inch.~~

~~(c)~~

~~Where flows are conveyed through a trash rack that has parallel bars with one-inch spacing between the bars, to the elevation of the water quality design storm as specified in Subsection ~~(c)~~;~~

~~(d)~~

~~Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(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; or~~

~~(e)~~

~~Where the area flows to the Kennedy Lake system.~~

~~(f)~~

~~Any land area used as a nonstructural stormwater management measure to meet the performance standards in Subsections ~~F~~ and ~~G~~ shall be dedicated to a government agency, subjected to a conservation restriction filed with the appropriate County Clerk's office, or subject to an approved equivalent restriction that ensures that measure or an equivalent stormwater management measure approved by the reviewing agency is maintained in perpetuity.~~

~~(g)~~

~~Guidance for nonstructural stormwater management strategies is available in the New Jersey Stormwater Best Management Practices Manual. The BMP Manual may be obtained from the address identified in ~~§ 207-60~~, or found on the Department's website at www.njstormwater.org.~~

~~F:~~

~~Erosion control, groundwater recharge and runoff quantity standards:~~

~~(1)~~

~~This subsection contains minimum design and performance standards to control erosion, encourage and control infiltration and groundwater recharge, and control stormwater runoff quantity impacts of major development.~~

~~(a) the~~

~~The minimum design and performance standards for erosion control are those established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules:~~

~~(b)~~

- ~~1. The minimum design and performance standards for groundwater recharge are as follows:~~

~~(c)~~

- ~~2. The design engineer shall, using the assumptions and factors for stormwater runoff and groundwater recharge calculations at ~~§ 207-57~~, **Section V**, either:~~

~~(d)~~

- ~~i. Demonstrate through hydrologic and hydraulic analysis that the site and its stormwater management measures maintain 100% **percent** of the average annual ~~preconstruction~~**pre-construction** groundwater recharge volume for the site; or~~

~~(e)~~

- ~~ii. Demonstrate through hydrologic and hydraulic analysis that the increase of stormwater runoff volume from ~~preconstruction~~**pre-**~~

~~construction~~ to ~~postconstruction~~ ~~post-construction~~ for the ~~two~~2-year storm is infiltrated.

~~(b)~~

1. This groundwater recharge requirement does not apply to projects within the “urban redevelopment area,” or to projects subject to Subsection ~~F(3)(b)3~~-4 below. ~~An “urban redevelopment area” is defined as previously developed portions of areas delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1). The entire City of Burlington is located in Metropolitan Planning Area (PA1) on the New Jersey State Plan and Redevelopment Plan Map.~~

~~(b)~~

2. The following types of stormwater shall not be recharged:

~~(b)~~

- 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 or landfill closure plan and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and

~~(b)~~

- 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.

~~(b)~~

~~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 and other subsurface structures in the vicinity or downgradient of the groundwater recharge area.~~

~~(c)~~

~~In order to control stormwater runoff quantity impacts, the design engineer shall, using the assumptions and factors for stormwater runoff calculations at § ~~207-57~~, complete one of the following:~~

~~(1)~~

Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, ~~postconstruction runoff hydrographs for the two-, ten-, and one-hundred-year storm events do not exceed, at any point in time, the preconstruction runoff hydrographs for the same storm events;~~

~~f2~~

- i. Demonstrate through hydrologic and hydraulic analysis that there is no increase, as compared to the preconstruction condition, in the peak runoff rates of stormwater leaving the site for the two-, ten-, and one-hundred-year storm events 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;

A. Stormwater Runoff Quality Standards

This ~~f3~~

Design stormwater management measures so that the postconstruction peak runoff rates for the two-, ten-, and one-hundred-year storm events are 50%, 75% and 80%, respectively, of the preconstruction peak runoff rates. The percentages apply only to the postconstruction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed. The percentages shall not be applied to postconstruction stormwater runoff into tidal flood hazard areas if the increased volume of stormwater runoff will not increase flood damages below the point of discharge, or

~~f4~~

In tidal flood hazard areas, stormwater runoff quantity analysis in accordance with Subsection ~~f1)(c)(1), f2~~ and ~~f3~~ above shall only be applied if the increased volume of stormwater runoff could increase flood damages below the point of discharge. The applicant shall use the Federal Emergency Management Association (FEMA) maps to determine if the site is located in the tidal flood hazard area within the City of Burlington.

~~f5~~

Underground detention facilities are not recommended as a design solution unless the detention facility is located above the flood elevation. The City of Burlington will not accept maintenance responsibility for underground stormwater detention facilities. Exemptions from the runoff quantity design and performance standards due to the flood elevation condition may be offset through mitigation projects of equal value.

~~6.~~

Stormwater runoff quality standards:

~~(1)~~

1. 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 ~~postconstruction~~ post-construction load of total suspended solids (TSS) in stormwater runoff by 80% generated from the water quality design storm as follows:
 - i. Eighty percent TSS removal of the anticipated load ~~from the developed site, expressed as an annual average. Stormwater management measures~~

shall ~~only be required~~ 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 control if an additional 1/4 acre of impervious surface is being proposed on a development site.~~ 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.
1. 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 ~~Pollution~~ 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.
 2. 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 1.4, below. The calculation of the volume of runoff may take into account the implementation of ~~nonstructural and structural~~ stormwater management measures.

Table 1. Water Quality Design Storm Distribution

Time (minutes)	Cumulative Rainfall (inches)	Time (minutes)	Cumulative Rainfall (inches)
0	0.0000	65	0.8917
5	0.0083	70	0.9917
10	0.0166	75	1.0500
15	0.0250	80	1.0840
20	0.0500	85	1.1170
25	0.0750	90	1.1500
30	0.1000	95	1.1750
35	0.1330	100	1.2000
40	0.1660	105	1.2250
45	0.2000	110	1.2334
50	0.2583	115	1.2417
55	0.3583	120	1.2500
60	0.6250		

(2)

For purposes of TSS reduction calculations, Table 2 below presents the presumed removal rates for certain BMPs designed in accordance with the New Jersey Stormwater Best Management Practices Manual. The BMP Manual may be obtained from the address identified in § 207-60, or found on the Department's website at www.njstormwater.org. The BMP Manual and other sources of technical guidance are listed in § 207-60. TSS reduction shall be calculated based on the removal rates for the BMPs in Table 2 below. Alternative removal rates and methods of calculating removal rates may be used if the design engineer provides documentation demonstrating the capability of these alternative rates and methods to the review agency. A copy of any approved alternative rate or method of calculating the removal rate shall be provided to the Department at the following address: Division of Watershed Management, New Jersey Department of Environmental Protection, P.O. Box 418, Trenton, New Jersey, 08625-0418.

(3)

0.5183	98	1.1900
0.5717	99	1.1950
0.6250	100	1.2000
0.6783	101	1.2050
0.7317	102	1.2100
0.7850	103	1.2150
0.8384	104	1.2200
0.8917	105	1.2250
0.9117	106	1.2267
0.9317	107	1.2284
0.9517	108	1.2300
0.9717	109	1.2317
0.9917	110	1.2334
1.0034	111	1.2351
1.0150	112	1.2367
1.0267	113	1.2384
1.0383	114	1.2400
1.0500	115	1.2417
1.0568	116	1.2434
1.0636	117	1.2450
1.0704	118	1.2467
1.0772	119	1.2483
1.0840	120	1.2500

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

Table 2

3. If more than one BMP in series is necessary to achieve the required ~~eighty-~~ **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

Table 2: TSS Removal Rates for BMPs

Best Management Practice	TSS Percent Removal Rate
Bioretention systems	90
Constructed stormwater wetland	90
Extended detention basin	40 to 60
Infiltration structure	80
Manufactured treatment device	See § 207-59C
Sand filter	80
Vegetative filter strip	60 to 80
Wet pond	50 to 90

~~(4)~~

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

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.

If there is more than one on-site drainage area, the eighty-percent TSS removal rate shall apply to each drainage area, unless the runoff from the subareas converge on site in which case the removal rate can be demonstrated through a calculation using a weighted average:

~~(5)~~

4. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the ~~postconstruction~~ **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 ~~nonstructural strategies and structural measures~~ **green infrastructure BMPs** that optimize nutrient removal while still achieving the performance standards in ~~Subsections F and G.~~ **Section IV.P, Q and R.**

~~(6)~~

Additional information and examples are contained in the New Jersey Stormwater Best Management Practices Manual, which may be obtained from the address identified in § ~~207-60.~~

~~(7)~~

5. 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.

~~(g)~~

~~Special water resource protection areas shall be established along all waters designated Category One at N.J.A.C. 7:9B, and perennial or intermittent streams that drain into or upstream of the Category One waters as shown on the USGS Quadrangle Maps or in the County Soil Surveys, within the associated HUC14 drainage area. These areas shall be established for the protection of water quality, aesthetic value, exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, and exceptional fisheries significance of those established Category One waters. These areas shall be designated and protected as follows:~~

6. (a) 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.
7. 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.

This stormwater runoff quality standards do

The applicant shall preserve and maintain a special water resource protection area in accordance with one of the following:

(1)

A three-hundred-foot special water resource protection area shall be provided on each side of the waterway; measured perpendicular to the waterway from the top of the bank outwards or from the center line of the waterway where the bank is not defined, consisting of existing vegetation or vegetation allowed to follow natural succession:

(2)

Encroachment within the designated special water resource protection area under Subsection ~~6(8)(a)1~~ above shall only be allowed where previous development or disturbance has occurred (for example, active agricultural use, parking area or maintained lawn area). The encroachment shall only be allowed where applicant demonstrates that the functional value and overall condition of the special water resource protection area will be maintained to the maximum extent practicable. In no case shall the remaining special water resource protection area be reduced to less than 150 feet as measured perpendicular to the top of bank of the waterway or center line of the waterway where the bank is undefined. All encroachments proposed under this subparagraph shall be subject to review and approval by the Department:

(b)

All stormwater shall be discharged outside of and flow through the special water resource protection area and shall comply with the standard for off-site stability in the "Standards For Soil Erosion and Sediment Control in New Jersey," established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq:

(c)

If stormwater discharged outside of and flowing through the special water resource protection area cannot comply with the standard for off-site stability in the "Standards for Soil Erosion and Sediment Control in New Jersey," established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq., then the stabilization measures in accordance with the requirements of the above standards may be placed within the special water resource protection area, provided that:

~~(t)~~

~~Stabilization measures shall not be placed within 150 feet of the Category One waterway;~~

~~(t)~~

~~Stormwater associated with discharges allowed by this section shall achieve a ninety-five-percent TSS postconstruction removal rate;~~

~~(t)~~

~~Temperature shall be addressed to ensure no impact on the receiving waterway;~~

~~(t)~~

~~The encroachment shall only be allowed where the applicant demonstrates that the functional value and overall condition of the special water resource protection area will be maintained to the maximum extent practicable;~~

~~(t)~~

~~A conceptual project design meeting shall be held with the appropriate Department staff and Soil Conservation District staff to identify necessary stabilization measures; and~~

~~(t)~~

~~All encroachments proposed under this section shall be subject to review and approval by the Department.~~

~~(t)~~

~~A stream corridor protection plan may be developed by a regional stormwater management planning committee as an element of a regional stormwater management plan, or by a municipality through an adopted municipal stormwater management plan. If a stream corridor protection plan for a waterway subject to Subsection ~~G(8)~~ has been approved by the Department of Environmental Protection, then the provisions of the plan shall be the applicable special water resource protection area requirements for that waterway. A stream corridor protection plan for a waterway subject to Subsection ~~G(8)~~ shall maintain or enhance the current functional value and overall condition of the special water resource protection area as defined in Subsection ~~G(8)(a)(1)~~ above. In no case shall a stream corridor protection plan allow the reduction of the special water resource protection area to less than 150 feet as measured perpendicular to the waterway subject to this subsection.~~

~~(t)~~

8. Subsection ~~G(8)~~ does not apply to the construction of one individual single-family dwelling, **provided that it is not part of a larger development on a lot receiving 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.**

A. 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 V, complete one of the following:**
 - i. **Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, ~~subdivision approval on or before February 2, 2004, provided~~ post-construction runoff hydrographs for the 2-, 10-, and 100-year storm events 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 2-, 10- and 100-year storm events 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. ~~the construction begins on~~ Design stormwater management measures so that the post-construction peak runoff rates for the 2-, 10- and 100-year storm events 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.

- 1. The stormwater runoff quantity standards shall be applied at the site's boundary to each abutting lot, roadway, watercourse, or ~~before February 2, 2009~~ receiving storm sewer system.

~~§ 207-57 Requirements for nonresidential development of less than one acre.~~

- S. For nonresidential development of less than one acre in size, the stormwater management system will be evaluated by the Municipal Engineer based on the location of the site in relation to the floodplain, the location of the site in relation to the Kennedy Lake system that provides water quality, and the recharge requirements based on the definition under NJAC 7:8-1.2 of urban redevelopment area as a previously developed portion of an area delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1). "Disturbance" for the purpose of this section is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation.

Section V. 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 one of the following methods:

- i. 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://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1044171.pdf

or at United States Department of Agriculture Natural Resources Conservation Service, 220 Davison Avenue, Somerset, New Jersey 08873; or

- ii. The Rational Method for peak flow and the Modified Rational Method for hydrograph computations. The rational and modified rational methods are described in "Appendix A-9 Modified Rational Method" in the Standards for Soil Erosion and Sediment Control in New Jersey, January 2014. This document is available from the State Soil Conservation Committee or any of the Soil Conservation Districts listed at N.J.A.C. 2:90-1.3(a)3. The location, address, and telephone number for each Soil Conservation District is available from the State Soil Conservation Committee, PO Box 330, Trenton, New Jersey 08625. The document is also available at:

<http://www.nj.gov/agriculture/divisions/anr/pdf/2014NJSoilErosionControlStandardsComplete.pdf>

1. For the purpose of calculating runoff coefficients 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 "runoff coefficient" applies to both the NRCS methodology above at Section V.A.1.i and the Rational and Modified Rational Methods at Section V.A.1.ii. A runoff coefficient 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 have 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).

2. 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.
 3. 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.
 4. 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.
- A. 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/greport/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.

Section VI. 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:

http://www.nj.gov/dep/stormwater/bmp_manual2.htm

1. 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.
2. Additional maintenance guidance is available on the Department's website at:

https://www.njstormwater.org/maintenance_guidance.htm

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

The Division of Water Quality, New Jersey Department of Environmental Protection, Mail Code 401-02B, PO Box 420, Trenton, New Jersey 08625-0420.

Section VII. Solids and Floatable Materials Control Standards:

- A. Site design features identified under Section IV.F above, or alternative designs in accordance with Section IV.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 VII.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.

1. 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).

- i. 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
- ii. 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.

Section #. Mitigation Plan:

Variance or exemption from stormwater design standards

A.

1. A variance or exemption from the design standards for stormwater management basins may be granted only upon a finding by the City of

Burlington Land Use Board that the variance or exemption will be mitigated by the construction of a stormwater project of equal construction value within the same subdrainage area (HUC-14).

2. In order to be granted a variance or exemption, a development must demonstrate that the design standard cannot be met due to unusual circumstances on the existing property, such as projects that cannot provide stormwater detention above the floodplain elevation. Variances or exemptions are not recommended for properties that have not been previously developed,
 3. In order to be granted a variance or exemption, the applicant will be required to perform a preliminary stormwater management design and cost analysis of the stormwater system that would be required to meet all the stormwater management requirements of N.J.A.C. 7:8, Subchapter 5. This analysis will be utilized to determine and select the mitigation project to be constructed by the applicant.
- A. Mitigation Projects. Variances or exemptions are to be granted only upon the condition that the applicant provides a mitigation project of equal value within the same subwatershed as delineated by the HUC 14. All mitigation projects are to be under the review and approval of the City Engineer. The mitigation projects proposed within the City of Burlington are:
1. Stormwater outfall retrofit: provide water quality measures at existing stormwater outfalls within the same HUC14 under the guidance of the City Engineer. Review of each outfall condition should be performed with the City Engineer before selecting one or more of the following options:
 - i. Outlet structure modifications (i.e., tide gate).
 - ii. Installation of in-line or end-of-pipe best management practice (BMP) as approved by the NJDEP to pretreat stormwater draining into an existing outfall.
 2. River, creek or lake bank stabilization. Stabilization projects other than those listed meeting the following criteria may be presented for review and approval by the City Engineer. Stabilization projects will be reviewed for the following benefits:
 - i. Stabilization of eroded river, creek or lake banks where public or private property or structures are threatened.
 - ii. Stabilization of eroded river, creek or lake banks to reduce sediment deposition and improve water quality.

Section VIII. 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 VIII.C.1, VIII.C.2, and VIII.C.3 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.
 - 1. 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 less 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.

1. Stormwater management BMPs shall include escape provisions as follows:

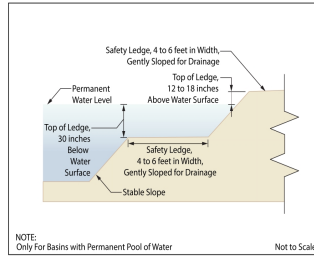
- i. If a stormwater management BMP has an outlet structure, escape provisions shall be incorporated in or on the structure. Escape provisions include the installation of permanent ladders, steps, rungs, or other features that provide easily accessible means of egress from stormwater management BMPs. 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.

A. 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.

B. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



Section IX. 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 IX.C below as part of the submission of the application for approval.
2. The applicant shall demonstrate that the project meets the standards set forth in this ordinance.
3. The applicant shall submit [*specify number*] copies of the materials listed in the checklist for site development stormwater plans in accordance with Section IX.C of this ordinance.

A. 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.

B. 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 III through V 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.

1. Calculations

- i. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in Section IV 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.

1. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of Section X.

2. 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 IX.C.1 through IX.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.

Section X. Maintenance and Repair:

A. Applicability

Projects subject to review as in Section I.C of this ordinance shall comply with the requirements of Section X.B and X.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 X.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section X.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 X.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 X.B.6 and B.7 above.

1. The requirements of Section X.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.

https://www.njstormwater.org/maintenance_guidance.htm

2. 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.

- A. 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

Section XI. 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:~~ after being duly notified, shall be punishable as provided in Chapter 1, Article III, General Penalty.

Section XII. 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 XIII. Effective Date:

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

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing ordinance was introduced.

Public Comments

None.

Council Comments

None.

This ordinance was then adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

RESOLUTIONS / CONSENT AGENDA RESOLUTIONS*

Resolution No. 128-2021 Authorizing amendments to the 2021 approved Municipal Budget.

See Attached

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 129-2021

Resolution Certifying 2021 Budget is in Compliance with Laws and Regulations

WHEREAS, N.J.S.A. 40A:4-78b has authorized the Local Finance Board to adopt rules that permit municipalities in sound fiscal condition to assume the responsibility, normally granted to the Director of the Division of Local Government Services, of conducting the annual budget examination, and

WHEREAS, N.J.A.C. 5:30-7 was adopted by the Local Finance Board on February 11, 1997, and

WHEREAS, pursuant to N.J.A.C. 5:30-7.2 thru 7.5 the City of Burlington has been declared eligible to participate in the program by the Division of Local Government Services, and the Chief Financial Officer has determined that the City meets the necessary conditions to participate in the program for the 2021 budget year, so now therefore

BE IT RESOLVED, by the Common Council of the City of Burlington that in accordance with N.J.A.C. 5:30-7.6a & 7.6b and based upon the Chief Financial Officer's certification; the governing body has found the budget has met the following requirements:

1. That with reference to the following items, the amounts have been calculated pursuant to law and appropriated as such in the budget:
 - a. Payment of interest and debt redemption charges.
 - b. Deferred charges and statutory expenditures.
 - c. Cash deficit of preceding year.
 - d. Reserve for uncollected taxes.
 - e. Other reserves and non-disbursement items.
 - f. Any inclusions of amounts required for school purposes.

2. That the provisions relating to limitations on increases of appropriations pursuant to N.J.S.A. 40A:4-45.2 and appropriations for exceptions to limits on appropriations found at 40A:4-45.3 et seq. are fully met. (Complies with the "CAP" law.)

3. That the budget is in such form, arrangement, and content as required by the Local Budget Law and N.J.A.C. 5:30-4 and 5:30-5.

4. That pursuant to the Local Budget Law:
 - a. All estimates of revenue are reasonable, accurate, and correctly stated.
 - b. Items of appropriations are properly set forth.
 - c. In itemization, form, arrangement, and content the budget will permit the exercise of the comptroller function within the municipality.

5. The budget and associated amendments have been introduced and publicly advertised in accordance with the relevant provisions of the Local Budget Law, except that failure to meet the deadlines of N.J.S.A. 40A:4-5 shall not prevent such certification.

6. That all other applicable statutory requirements have been fulfilled.

BE IT FURTHER RESOLVED, that a copy of this resolution be forwarded to the Director of the Division of Local Government Services upon adoption.

Upon the motion of Councilwoman Woodard, seconded by Councilwoman Hollingsworth, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 130-2021 Adopting the 2021 Municipal Budget in the amount of \$8,586,793.53 to be raised by taxation for municipal purposes.

See Attached

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 131-2021

PERSON TO PERSON / POCKET TO POCKET TRANSFER

WHEREAS, an application has been filed for a Person to Person and Pocket to Pocket transfer of Plenary Retail Distribution License 0305-44-009-010, heretofore issued to Black Lithium, LLC, and;

WHEREAS, the submitted application form is complete in all respects, the transfer fees have been paid, and the license has been properly renewed for the current license term; and

WHEREAS, the applicant is qualified to be licensed according to all standards established by Title 33 of the New Jersey Statutes, regulations promulgated thereunder, as well as pertinent local ordinances and conditions consistent with Title 33; and

WHEREAS, the applicant has disclosed and the issuing authority reviewed the source of all funds used in the purchase of the license and the licensed business and all additional financing obtained in connection with the licensed business;

NOW, THEREFORE, BE IT RESOLVED that the Common Council, of the City of Burlington, does hereby approve, effective May 11, 2021, that the transfer of the aforesaid Plenary Retail

Distribution License to Pearl Liquors, LLC and does hereby direct the Municipal Clerk to endorse the license certificate to the new ownership as follows: "This license, subject to all its terms and conditions, is hereby transferred to Pearl Liquors, LLC, effective May 11, 2021."

Upon the motion of Councilman Babula, seconded by Councilwoman Hatala, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 132-2021

Upon the recommendation of Environmental Resolutions, Inc., the City's Water Engineer, the Common Council of the City of Burlington hereby authorizes the Mayor and the Municipal Clerk to execute an amended agreement with C. Stevenson & Son, Inc. in connection with the Water Treatment Plant and Distribution System Improvement Project , Change Order No. 1, an increase in the amount of \$38,529.00 providing for additional repair due to unforeseen circumstances making a revised total contract amount of \$544,962.00.

Upon the motion of Councilwoman Woodard, seconded by Councilwoman Hatala, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 133-2021

RESOLUTION NO. 133-2021 OF THE COMMON COUNCIL OF THE CITY OF BURLINGTON AUTHORIZING A PROFESSIONAL SERVICES AGREEMENT WITH ENVIRONMENTAL RESOLUTIONS, INC. FOR LICENSED SITE REMEDIATION PROFESSIONAL (LSRP) SERVICES IN CONJUNCTION WITH THE BLOCK 226, LOT 1.10 SITE REMEDIATION PROJECT

WHEREAS, the City of Burlington did appoint and award a contract to Environmental Resolutions, Inc. as the Water Engineer for 2021 as per Resolution No. 07-2021; and

WHEREAS, the City of Burlington did correspondingly appoint Environmental Resolutions, Inc. to the pool of engineers for special projects for 2021 as per Resolution No. 26-2021; and

WHEREAS, the City of Burlington wishes to perform Site Remediation on Block 226, Lot 1.10; and

WHEREAS, LSRP services are required in association with this project; and

WHEREAS, the City of Burlington received a written proposal dated May 5, 2021 in the amount of \$11,700.00 for said professional services from the City Water Engineer, Environmental Resolutions, Inc.; and

WHEREAS, the Chief Financial Officer has certified the availability of funds for this project.

NOW THEREFORE BE IT RESOLVED by the Common Council of the City of Burlington, that the Mayor and Municipal Clerk are hereby authorized to execute a contract in the amount of \$11,700.00 with Environmental Resolutions, Inc. for professional services in connection with the Block 226, Lot 1.10 Site Remediation Project.

BE IT FURTHER RESOLVED that a notice stating the service and the amount of this contract shall be published and this Resolution shall be maintained on file and available for public inspection on the Office of the Municipal Clerk.

Upon the motion of Councilwoman Woodard, seconded by Councilman Chachis, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (7); NAYS: (0); ABSTAIN: (0); ABSENT: (0).

Resolution No. 134-2021*

Governor's Council on Alcoholism and Drug Abuse
Fiscal Grant Cycle July 1, 2021-June 30, 2022

WHEREAS, the Governor's Council on Alcoholism and Drug Abuse established the Municipal Alliances for the Prevention of Alcoholism and Drug Abuse in 1989 to educate and engage residents, local government and law enforcement officials, schools, nonprofit organizations, the faith community, parents, youth and other allies in efforts to prevent alcoholism and drug abuse in communities throughout New Jersey.

WHEREAS, The City Council of the City of Burlington, County of Burlington, State of New Jersey recognizes that the abuse of alcohol and drugs is a serious problem in our society amongst persons of all ages; and therefore has an established Municipal Alliance Committee; and,

WHEREAS, the City Council further recognizes that it is incumbent upon not only public officials but upon the entire community to take action to prevent such abuses in our community; and,

WHEREAS, the City Council has applied for funding to the Governor's Council on Alcoholism and Drug Abuse through the County of Burlington;

NOW, THEREFORE, BE IT RESOLVED by the City of Burlington, County of Burlington, State of New Jersey hereby recognizes the following:

1. The City Council does hereby authorize submission of a strategic plan for the City of Burlington Municipal Alliance grant for fiscal year 2022 in the amount of:

DEDR	\$ 9,000.00
Cash Match (25%)	\$ 2,250.00
In-Kind (75%)	\$ 6,750.00

2. The City Council acknowledges the terms and conditions for administering the Municipal Alliance grant, including the administrative compliance and audit requirements.

Approved by Consent Agenda. All were in favor.

Resolution No. 135-2021*

RESOLUTION NO. 135-2021 AUTHORIZING THE CITY OF BURLINGTON TO APPLY TO THE NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS (NJDCa) FOR A FY 2021 LOCAL RECREATION IMPROVEMENT GRANT (LRIG)

WHEREAS, the City of Burlington will apply for a FY 2021 Local Recreation Improvement Grant (LRIG) from the New Jersey Department of Community Affairs (NJDCa) for approximately \$300,000 for improvements at various City parks and playgrounds to bring them up to current safety standards;

NOW, THEREFORE, BE IT RESOLVED,

1. That the City of Burlington does hereby authorize the application for such a grant; and
2. Recognizes and accepts that the Department may offer a lesser or greater amount and therefore, upon receipt of the grant agreement from the New Jersey Department of Community Affairs, does further authorize the execution of the grant agreement; and, also, upon receipt of the fully executed agreement from the Department, does further authorize the expenditure of funds pursuant to the terms of said agreement between the City of Burlington and the New Jersey Department of Community Affairs.

NOW, THEREFORE, BE IT RESOLVED that the persons whose names, titles and signatures appear below are authorized to sign the application and that they or their successors in said titles are authorized to sign the agreement and any other documents in connection therewith:

Cindy A. Crivaro, Municipal Clerk

Barry W. Conaway, Mayor

Approved by Consent Agenda. All were in favor.

Resolution No. 136-2021*

RESOLUTION NO. 136-2021 OF THE COMMON COUNCIL OF THE CITY OF BURLINGTON REAFFIRMING THE COMMITMENT AND OBJECTIVE OF THE CITY OF BURLINGTON GREEN TEAM

WHEREAS, the City of Burlington adopted Resolution No. 145-2011 designating a Green Team Committee for the City of Burlington at a regular meeting conducted on July 19, 2011; and

WHEREAS, the City of Burlington resolved in that resolution that they wished to pursue local initiatives and actions that would lead to Sustainable Jersey Municipal Certification; and

WHEREAS, the City of Burlington further resolved in that resolution to create the City of Burlington Green Team, to serve as the City of Burlington's agents for the Sustainable Jersey Municipal Certification process; and

WHEREAS, the original Green Team was composed of the members of the Burlington S.E.E.D. (Social, Environmental, and Economic Development) Committee which no longer exists in that capacity; and

WHEREAS, the City of Burlington has individuals and other groups who are interested in advancing the efforts of City of Burlington in the Sustainable Jersey municipal certification program, including the members of QASA, Quest Achievement and Scholastic Academy after-school S.T.E.M. program at Tabernacle Baptist Church, who have been actively working as a Green Team since partnering with the City of Burlington to obtain a Sustainable Jersey Grant for their after-school We Care Solar Suitcase Program in 2019; and

WHEREAS, this Green Team committee has been meeting to create sustainability actions so that City of Burlington may catalogue actions in its pursuit of Sustainable Jersey certification at the Bronze Level in 2021;

NOW, THEREFORE, BE IT RESOLVED THAT the Common Council of the City of Burlington, does hereby resolve that:

1) The Green Team of City of Burlington is active in the community and advancing sustainable practices and actions included in the Sustainable Jersey municipal certification program;

2) The Green Team has been and shall continue to be composed of individuals who have demonstrated interest in advancing the efforts of City of Burlington to pursue certification through the Sustainable Jersey municipal certification program, including members of QASA;

3) The role of the Green Team has been and shall continue to be to lead and coordinate the sustainability activities of the community;

4) The Green Team shall provide the Common Council with quarterly updates as to progress made in obtaining the Sustainable Jersey municipal certification program.

Approved by Consent Agenda. All were in favor.

Resolution No. 137-2021*

Common Council of the City of Burlington hereby authorizes the Municipal Clerk to issue a Mercantile License to Nancy D. Miller, 151 Clubhouse Drive, Willingboro, N.J. to operate a business at 322 High Street t/a “Soul Anchor of Burlington Banquet Hall.”

Approved by Consent Agenda. All were in favor.

Resolution No. 138-2021*

A resolution providing for a meeting not opened to the public in accordance with the provisions of the New Jersey Open Public Meetings Act. N.J.S.A. 10:4-12: Therefore be it resolved by the Common Council of the City of Burlington, assembled in public session on May 11, 2021, that an Executive Session Closed to the Public shall be held on May 11, 2021, via ZOOM for discussion of matters relating to the specific items designated in this resolution:

Contracts/Real Estate & Attorney-Client Privilege N.J.S.A. 10:4-12(7):

- Water Service Utility Bills
- 323 Jones Avenue
- Burlington Mart Site
- 900 E. Broad Street

The nature of the discussion conducted in closed session and or the result thereof may be disclosed to the public in an open public meeting held in May of 2021 or shortly there after.

Approved by Consent Agenda. All were in favor.

Resolution No. 139-2021

The Mayor and Common Council of the City of Burlington hereby congratulate Councilman Thomas J. Swan on passing the New Jersey State Bar Exam.

Upon the motion of Councilwoman Hatala, seconded by Councilman Babula, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Babula, Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Lollar. (6); NAYS: (0); ABSTAIN: (0); ABSENT: Ms. Woodard. (1).

RESOLUTION NO. 140-2021 OF THE COMMON COUNCIL OF THE CITY OF BURLINGTON RE-ESTABLISHING THE AUTHORIZATION OF INTEREST RATE AND GRACE PERIOD FOR THE YEAR 2021 WATER AND SEWER CHARGES ONLY

WHEREAS, N.J.S.A. 54:4-67 et seq., permits the governing body to fix the rate of interest to be charged for the nonpayment of taxes, assessments, or other municipal charges.

NOW, THEREFORE, BE IT RESOLVED, by the Common Council of the City of Burlington that the rate of interest on unpaid water and sewer charges shall be zero percent per annum on

the 2021 - 1st period billing; that no interest shall be charged if payment of any bill is made on or before the 31st day of December, 2021; and

BE IT FURTHER RESOLVED, that the Municipal Clerk provides a certified copy of this resolution to the Tax Collector and Chief Financial Officer.

Upon the motion of Councilwoman Woodard, seconded by Councilman Swan, the foregoing resolution was adopted by the following roll call vote: AYES: Mr. Chachis, Ms. Hatala, Ms. Hollingsworth, Mr. Swan, Ms. Woodard, Ms. Lollar. (6); NAYS: (0); ABSTAIN: Mr. Babula. (1); ABSENT: (0).

PUBLIC COMMENTS

Gabrielle Hodgson, 17 W. Union Street - spoke of concerns with the drinking water, parking issues on W. Union and signage for curbing dogs.

Ed T, 864 Chelton Avenue - spoke of concerns with a tree near his property.

COUNCIL COMMENTS

Councilman Babula spoke of tall grass at Ellis and W. Broad.

Councilman Chachis spoke a recent fire at the former US Pipe Site.

Councilman Swan spoke of the COVID Testing Site and parking concerns in the Bank of America lot.

Councilwoman Hollingsworth spoke of in support of the Administration and City Employees.

Councilwoman Woodard concurred with Councilwoman Hollingsworth and congratulated the Police Department on a crime recently solved.

CONFERENCES

- FEMA Briefing

EXECUTIVE CONFERENCES

- Water Service Utility Bills
- 323 Jones Avenue
- Burlington Mart Site
- 900 E. Broad Street

ADJOURNMENT

Upon the motion of Councilwoman Hollingsworth, seconded by Councilwoman Hatala, this meeting of May 11, 2021 was adjourned at 11pm.

Cindy A. Crivaro, RMC
Municipal Clerk