Borough of Middlesex

Mayor and Council Regular Meeting

~ Minutes ~

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Middlesex,, NJ

Linda Chismar
732 356-7400 x238
www.middlesexboro-nj.gov

Tuesday, April 13, 2021 **7:00 PM** **Remote Zoom/Telephone Meeting**

MAYOR'S STATEMENT

UNDER THE PROVISIONS OF N.J.S.A. 10:4-6 ET SEQ., NOTICE OF THE TIME AND PLACE OF THIS MEETING WAS GIVEN BY WAY OF AN ANNUAL MEETING NOTICE TO THE STAR LEDGER, COURIER NEWS AND HOME NEWS, AND POSTED AT BOROUGH HALL.

SALUTE TO FLAG

ROLL CALL

Mayor John Madden
Council President James Eodice
Councilman Jeremiah Carnes
Councilwoman Amy Flood
Councilman Jack Mikolajczyk
Councilman Martin Quinn
Councilman Douglas Rex

Also Present:
Marcia Karrow Administrator
Christopher Corsini Borough Attorney

Others Absent:

Mayor Madden added Resolution 130-21 to the Consent Agenda to waive the Municipal Raffle Fees for the Fire Department Carnival

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Douglas Rex, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

PRESENTATIONS

APPOINTMENTS

PROCLAMATIONS

1. Arbor Day - April 30, 2021

WHEREAS, in 1949 the legislature set aside the last Friday of April as Arbor Day to promote the planting of trees and to encourage the protection of our forests from fires and pests that destroy the beauty and usefulness of our woodlands; and

WHEREAS, half of New Jersey's total land area is forested or tree covered; and

WHEREAS, trees play an important role in the ecosystem in which we live, and trees reduce the erosion of our precious topsoil caused by wind and water, clean the air we breathe and the water we drink, produce oxygen, provide habitat for birds and wildlife and reduce heating and cooling costs by moderating temperature; and

WHEREAS, trees are renewable resource giving us paper for fine literature, wood for homes, fuel for fires, and countless other wood products; and

WHEREAS, trees provide increased property value, enhanced economic viability, and pleasing aesthetic qualities along streets and properties in municipalities; and

WHEREAS, trees planted in yards and farms, in school yards and parks, and along street and highways creates an enduring heritage for generations that follow; and

NOW, THEREFORE, I, JOHN L. MADDEN, Mayor of the Borough of Middlesex, do hereby proclaim April 30, 2021, as

ARBOR DAY

In the community of Middlesex, and urge all citizens to support efforts to protect our trees and woodlands to support our Borough's Urban Forestry Program, and

FURTHER, I urge all citizens to plant trees to gladden hearts and promote the well being of present and future generations.

Councilman Quinn read the Arbor Day Proclamation into the record.

2. Sexual Assault Awareness Month

WHEREAS, Sexual Assault Awareness Month and the observance of "Denim Day" are intended to draw attention to the fact that sexual violence is widespread, has mental and physical health implications for survivors and public health implications for every community member of Middlesex County; and

WHEREAS, sexual assault, sexual abuse, and sexual harassment greatly impact our community, as statistics indicate that every 73 seconds, someone in the U.S.A. is sexually assaulted, and every 9 minutes, the victim is a child; and

WHEREAS, the pandemic has increased isolation and strained support systems, impacting incidents of violence and abuse, and affecting survivors' journeys to healing; and

WHEREAS, prevention is possible, so we must work together to educate our

community about what can be done to stop the perpetration of sexual violence while supporting survivors; and

WHEREAS, staff and volunteers of anti-violence and prevention programs in Middlesex County including the Middlesex County Center for Empowerment and Sexual Violence Prevention Coalition encourage every person to challenge the social norms that continue to perpetuate a culture of violence, help build safe online spaces, and speak out before and when witnessing acts of violence, however small; and

WHEREAS, the New Jersey Sex Crimes Officers Association and the Middlesex County Sex Crimes Liaison Officers in connection with the Middlesex County Prosecutor's Office are dedicated to ensuring the effective investigation and prosecution of sex crimes in our community through interagency collaboration and training; and

WHEREAS, with leadership, dedication, and encouragement, there is compelling evidence that we can be successful in reducing sexual violence in Middlesex County through: increased awareness; prevention education focused on increasing gender equity, healthy relationships, and bystander intervention; and holding perpetrators who commit acts of violence responsible for their actions; and

WHEREAS, throughout the month of April, Middlesex County strongly supports the efforts of national, state, and local partners, and of every citizen to actively engage in public and private efforts, including conversations about what sexual violence is; how to prevent it; how to help survivors connect with services; and how every segment of our society can work together to better address sexual violence.

NOW, THEREFORE, Middlesex Borough does hereby proclaim April 2021 as:

SEXUAL ASSAULT AWARENESS MONTH

and that we join anti-sexual violence advocates and support service programs in the belief that all community members must be part of the solution to end sexual violence and encourage the observation of Denim Day on Wednesday, April 28, 2021.

Councilman Mikolajczyk read the Sexual Assault Awareness Month Proclamation into the record.

3. Autism Awareness Month

WHEREAS, Autism Awareness Month is a chance to encourage our residents to become educated and informed about programs, services and opportunities to support individuals with autism; and

WHEREAS, Autism Spectrum Disorder (ASD) represents a broad group of disorders that vary widely from mild to severe and is characterized by difficulty with social interaction, communication, severely limited interests and repetitive behaviors; and

WHEREAS, Data reported by the Center for Disease Control (CDC) states that 1 in 54 children in the U.S. are diagnosed with an ASD, with boys being diagnosed four times greater than girls. Early diagnosis and intervention afford the best opportunity to support healthy development; and

WHEREAS, Research indicates that genetics are involved in numerous cases, children born to older parents are at risk, and chances are greater for the second child to be diagnosed if the first child has Autism. The number of cases has increased significantly in the last few years; and

WHEREAS, there are many medical expenses and associated mental health conditions with regard to ASD that effect families everyday in this country; and

WHEREAS, during the month of April, we strive to promote autism awareness, inclusion, and self determination for all, and assure that each person with ASD is provided an opportunity to achieve the highest possible quality of life.

WHEREAS, the Borough of Middlesex is committed to providing a safe, nurturing and welcoming community to all citizens, including people with Autism; and

WHEREAS, the Borough of Middlesex is honored to take part in the annual observance of Autism Awareness Month in the hope that it will lead to a better understanding of the disorder;

NOW THEREFORE, I, John L. Madden, Mayor of the Borough of Middlesex, New Jersey do hereby proclaim

April 2021
Autism Awareness Month

and urge our community to help raise awareness of special needs in our town.

Council President Eodice read the Autism Awareness Month Proclamation into the record.

ORDINANCE(S) FOR INTRODUCTION

ORDINANCE(S) FOR PUBLIC HEARING AND FINAL ADOPTION

Borough Clerk Linda Chismar read ordinance 2028-21 by title:

ORDINANCE 2028-21

AN ORDINANCE REPEALING AND REPLACING CHAPTER 355 IN THE BOROUGH CODE OF THE BOROUGH OF MIDDLESEX REGARDING STORMWATER CONTROL REGULATIONS PURSUANT TO NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS

WHEREAS, pursuant to regulations adopted by the New Jersey Department of Environmental Protection and found at N.J.A.C. 7:8, municipalities are required to amend their Stormwater Control Regulations to conform with state regulations; and

WHEREAS, the Borough Council of the Borough of Middlesex seeks to repealing and replacing Chapter 355 of the Borough Code to conform with N.J.A.C. 7:8.

NOW, THEREFORE, BE IT ORDAINED, by the Borough Council of the Borough of Middlesex in the County of Middlesex and State of New Jersey that Chapter 355 of the Borough Code be amended as follows:

Section I. Repeal and Replacement of Chapter 355

Chapter 355 is hereby repealed in its entirety and replaced with the following language:

Chapter 355 - Stormwater Control

Chapter 355-1. Scope and Purpose:

A. Policy Statement

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

B. Purpose

The purpose of this ordinance is to establish minimum stormwater management requirements and controls for “major development,” as defined below in Chapter 355-2.

C. Applicability

1. This ordinance shall be applicable to the following major developments:

    a. Non-residential major developments; and
    b. Aspects of residential major developments that are not pre-empted by the Residential Site Improvement Standards at N.J.A.C. 5:21.

2. This ordinance shall also be applicable to all major developments undertaken by The Borough of Middlesex.

D. Compatibility with Other Permit and Ordinance Requirements

Development approvals issued pursuant to this ordinance are to be considered an integral part of development approvals and do not relieve the applicant of the responsibility to secure required permits or approvals for activities regulated by any other applicable code, rule, act, or ordinance. In

their interpretation and application, the provisions of this ordinance shall be held to be the minimum requirements for the promotion of the public health, safety, and general welfare.

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

Chapter 355-2. Definitions:

For the purpose of this ordinance, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this Chapter clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory. The definitions below are the same as or based on the corresponding definitions in the Stormwater Management Rules at N.J.A.C. 7:8-1.2.

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

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

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

"Compaction" means the increase in soil bulk density.

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

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

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

1. A county planning agency or

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

"Department" means the Department of Environmental Protection.

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

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

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

In the case of development of agricultural land, development means: any activity that requires a State permit, any activity reviewed by the County Agricultural Board (CAB) and the State Agricultural Development Committee (SADC), and municipal review of any activity not exempted by the Right to Farm Act , N.J.S.A 4:1C-1 et seq.

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

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

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

approved by the Department's Endangered and Nongame Species Program.

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

“Empowerment Neighborhoods” means neighborhoods designated by the Urban Coordinating Council “in consultation and conjunction with” the New Jersey Redevelopment Authority pursuant to N.J.S.A 55:19-69.

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

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

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

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

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

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

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

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

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;
3. The creation of one-quarter acre or more of “regulated motor vehicle surface” since March 2, 2021; or

4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more.

Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of paragraphs 1, 2, 3, or 4 above. Projects undertaken by any government agency that otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered "major development."

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

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

"Municipality" means any city, borough, town, township, or village.

"New Jersey Stormwater Best Management Practices (BMP) Manual" or "BMP Manual" means the manual maintained by the Department providing, in part, design specifications, removal rates, calculation methods, and soil testing procedures approved by the Department as being capable of contributing to the achievement of the stormwater management standards specified in this chapter. The BMP Manual is periodically amended by the Department as necessary to provide design specifications on additional best management practices and new information on already included practices reflecting the best available current information regarding the particular practice and the Department's determination as to the ability of that best management practice to contribute to compliance with the standards contained in this chapter. Alternative stormwater management measures, removal rates, or calculation methods may be utilized, subject to any limitations specified in this chapter, provided the design engineer demonstrates to the municipality, in accordance with Chapter 355-4.F. of this ordinance and N.J.A.C. 7:8-5.2(g), that the proposed measure and its design will contribute to achievement of the design and performance standards established by this chapter.

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

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

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

"Pollutant" means any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, refuse, oil, grease, sewage sludge, munitions, chemical wastes, biological materials, medical wastes, radioactive substance (except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. §§ 2011 *et seq*.)), thermal waste, wrecked or discarded equipment, rock, sand, cellar dirt, industrial, municipal, agricultural, and construction waste or runoff, or other residue discharged directly or indirectly to the land, ground waters or surface waters of the State, or to a domestic treatment works. "Pollutant" includes both hazardous and nonhazardous pollutants.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Chapter 355-3. Design and Performance Standards for Stormwater Management Measures

A. Stormwater management measures for major development shall be designed to provide erosion control, groundwater recharge, stormwater runoff quantity control, and stormwater runoff quality treatment as follows:

   1. The minimum standards for erosion control are those established under the Soil and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules at N.J.A.C. 2:90.

2. The minimum standards for groundwater recharge, stormwater quality, and stormwater runoff quantity shall be met by incorporating green infrastructure.

B. The standards in this ordinance apply only to new major development and are intended to minimize the impact of stormwater runoff on water quality and water quantity in receiving water bodies and maintain groundwater recharge. The standards do not apply to new major development to the extent that alternative design and performance standards are applicable under a regional stormwater management plan or Water Quality Management Plan adopted in accordance with Department rules.

Chapter 355-4. 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 Chapter 355-10.

B. Stormwater management measures shall avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Department's Landscape Project or Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle).

C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Chapter 355-4.P, Q and R:

1. The construction of an underground utility line provided that the disturbed areas are revegetated upon completion;
2. The construction of an aboveground utility line provided that the existing conditions are maintained to the maximum extent practicable; and
3. The construction of a public pedestrian access, such as a sidewalk or trail with a maximum width of 14 feet, provided that the access is made of permeable material.

D. A waiver from strict compliance from the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Chapter 355-4.O, P, Q and R may be obtained for the enlargement of an existing public roadway or railroad; or the construction or enlargement of a public pedestrian access, provided that the following conditions are met:

1. The applicant demonstrates that there is a public need for the project that cannot be accomplished by any other means;
2. The applicant demonstrates through an alternatives analysis, that through the use of stormwater management measures, the option selected complies with the requirements of Chapter 355-4.O, P, Q and R to the maximum extent practicable;

3. The applicant demonstrates that, in order to meet the requirements of Chapter 355-4.O, P, Q and R, existing structures currently in use, such as homes and buildings, would need to be condemned; and
4. The applicant demonstrates that it does not own or have other rights to areas, including the potential to obtain through condemnation lands not falling under Chapter 355-4.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Chapter 355-4.O, P, Q and R that were not achievable onsite.

E. Tables 1 through 3 below summarize the ability of stormwater best management practices identified and described in the New Jersey Stormwater Best Management

Practices Manual to satisfy the green infrastructure, groundwater recharge, stormwater runoff quality and stormwater runoff quantity standards specified in Chapter 355-4.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.

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

Table 1
Green Infrastructure BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity

Best Management Practice	Storm Water Runoff Quality TSS Removal Rate (percent)	Storm Water Runoff Quality	Groundwater Recharge	Minimum Separation from Seasonal High Water Table (feet)
Cistern	0	Yes	No	--
Dry Well[a]	0	No	Yes	2
Grass Swale	50 or less	No	No	2[e] 1[f]
Green Roof	0	Yes	No	--
Manufactured Treatment Device[a] [g]	50 or 80	No	No	Dependent upon the device
Previous 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 [g] 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	Storm Water Runoff Quality TSS Removal Rate (percent)	Storm Water Runoff Quality	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 Construction Wetland	90	Yes	No	N/A
Wet Pond[(b)]	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	Storm Water Runoff Quality TSS Removal Rate (percent)	Storm Water Runoff Quality	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 Chapter 355-4.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 Chapter 355-2;
(h) manufactured treatment devices that do not meet the definition of green infrastructure at Chapter 355-2.

G. 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 Chapter 355-6.B. Alternative stormwater

management measures may be used to satisfy the requirements at Chapter 355-4.O only if the measures meet the definition of green infrastructure at Chapter 355-2. 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 Chapter 355-4.D is granted from Chapter 355-4.O.

H. 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.

I. 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 Chapter 355-8.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 Chapter 355-8; 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.

J. 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 Chapter 355-2 may be used only under the circumstances described at Chapter 355-4.O.4.

K. Any application for a new agricultural development that meets the definition of major development at Chapter 355-2 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Chapter 355-4.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.

L. If there is more than one drainage area, the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Chapter 355-4.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.

M. Any stormwater management measure authorized under the municipal stormwater management plan or ordinance shall be reflected in a deed notice recorded in the Office of the County Clerk. 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 Chapter 355-4.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 Chapter 355-10.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.

N. 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 Chapter 355-4 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 Office of the County Clerk 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.

O. 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 Chapter 355-4.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section 4.F. and/or an alternative stormwater management measure approved in accordance with Section 4.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

Best Management Practice	Maximum Contributory Drainage
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 Chapter 355-4.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 Chapter 355-4.G.

4. If a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Chapter 355-4.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 Chapter 355-4.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Chapter 355-4.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 Chapter 355-4.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Chapter 355-4.D.

P. Groundwater Recharge Standards

1. This subsection contains the minimum design and performance standards for groundwater recharge as follows:

2. The design engineer shall, using the assumptions and factors for stormwater runoff and groundwater recharge calculations at Chapter 355-5, either:

    i. Demonstrate through hydrologic and hydraulic analysis that the site and its stormwater management measures maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site; or
    ii. Demonstrate through hydrologic and hydraulic analysis that the increase of stormwater runoff volume from pre-construction to post-construction for the 2-year storm is infiltrated.

3. This groundwater recharge requirement does not apply to projects within the "urban redevelopment area," or to projects subject to 4 below.
4. The following types of stormwater shall not be recharged:

    i. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored; areas where hazardous materials are expected to be present in greater than "reportable quantities" as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4; areas where recharge would be inconsistent with Department approved remedial action work plan or landfill closure plan and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and
    ii. Industrial stormwater exposed to "source material." "Source material" means any material(s) or machinery, located at an industrial facility, that is directly or indirectly related to process, manufacturing or other industrial activities, which could be a source of pollutants in any industrial stormwater discharge to groundwater. Source materials include, but are not limited to, raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels, and lubricants, solvents, and detergents that are related to process, manufacturing, or other industrial activities that are exposed to stormwater.

Q. Stormwater Runoff Quality Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quality impacts of major development. Stormwater runoff quality standards are applicable when the major development results in an increase of one-quarter acre or more of regulated motor vehicle surface.
2. Stormwater management measures shall be designed to reduce the post-construction load of total suspended solids (TSS) in stormwater runoff generated from the water quality design storm as follows:

    i. Eighty percent TSS removal of the anticipated load, expressed as an annual average shall be achieved for the stormwater runoff from the net increase of motor vehicle surface.

ii. If the surface is considered regulated motor vehicle surface because the water quality treatment for an area of motor vehicle surface that is currently receiving water quality treatment either by vegetation or soil, by an existing stormwater management measure, or by treatment at a wastewater treatment plant is to be modified or removed, the project shall maintain or increase the existing TSS removal of the anticipated load expressed as an annual average.

iii.

3. The requirement to reduce TSS does not apply to any stormwater runoff in a discharge regulated under a numeric effluent limitation for TSS imposed under the New Jersey Pollutant Discharge Elimination System (NJPDES) rules, N.J.A.C. 7:14A, or in a discharge specifically exempt under a NJPDES permit from this requirement. Every major development, including any that discharge into a combined sewer system, shall comply with 2 above, unless the major development is itself subject to a NJPDES permit with a numeric effluent limitation for TSS or the NJPDES permit to which the major development is subject exempts the development from a numeric effluent limitation for TSS.
4. The water quality design storm is 1.25 inches of rainfall in two hours. Water quality calculations shall take into account the distribution of rain from the water quality design storm, as reflected in Table 4, below. The calculation of the volume of runoff may take into account the implementation of stormwater management measures.

Table 4 - Water Quality Design Storm Distribution

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

5. If more than one BMP in series is necessary to achieve the required 80 percent TSS reduction for a site, the applicant shall utilize the following formula to calculate TSS reduction:

   R = A + B – (A *x* B) / 100,
   Where

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in Chapter 355-4.P, Q and R.
7. In accordance with the definition of FW1 at N.J.A.C. 7:9B-1.4, stormwater management measures shall be designed to prevent any increase in stormwater runoff to waters classified as FW1.
8. The Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-4.1(c)1 establish 300-foot riparian zones along Category One waters, as designated in the Surface Water Quality Standards at N.J.A.C. 7:9B, and certain upstream tributaries to Category One waters. A person shall not undertake a major development that is located within or discharges into a 300-foot riparian zone without prior authorization from the Department under N.J.A.C. 7:13.
9. Pursuant to the Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-11.2(j)3.i, runoff from the water quality design storm that is discharged within a 300-foot riparian zone shall be treated in accordance with this subsection to reduce the post-construction load of total suspended solids by 95 percent of the anticipated load from the developed site, expressed as an annual average.
10. This stormwater runoff quality standards do not apply to the construction of one individual single-family dwelling, provided that it is not part of a larger development or subdivision that has received preliminary or final site plan approval prior to December 3, 2018, and that the motor vehicle surfaces are made of permeable material(s) such as gravel, dirt, and/or shells.

R. 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 Chapter 355-5, complete one of the following:

i. Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, 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. 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.

3. The stormwater runoff quantity standards shall be applied at the site's boundary to each abutting lot, roadway, watercourse, or receiving storm sewer system.

Chapter 355-5. 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.

2. 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 Chapter 355-5.A.1.i and the Rational and Modified Rational Methods at Chapter 355-5.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).

3. In computing pre-construction stormwater runoff, the design engineer shall account for all significant land features and structures, such as ponds, wetlands, depressions, hedgerows, or culverts, that may reduce pre-construction stormwater runoff rates and volumes.

4. In computing stormwater runoff from all design storms, the design engineer shall consider the relative stormwater runoff rates and/or volumes of pervious and impervious surfaces separately to accurately compute the rates and volume of stormwater runoff from the site. To calculate runoff from unconnected impervious cover, urban impervious area modifications as described in the NRCS *Technical Release 55* –

Urban Hydrology for Small Watersheds or other methods may be employed.

5. If the invert of the outlet structure of a stormwater management measure is below the flood hazard design flood elevation as defined at N.J.A.C. 7:13, the design engineer shall take into account the effects of tailwater in the design of structural stormwater management measures.

B. Groundwater recharge may be calculated in accordance with the following:

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

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

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

Chapter 355-5. 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.

B. 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.

Chapter 355-6. Solids and Floatable Materials Control Standards:

A. Site design features identified under Chapter 355-4.F above, or alternative designs in accordance with Chapter 355-4.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 Chapter 355-7.A.2 below.

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

   i. The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines; or
   ii. A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is no greater than 0.5 inches across the smallest dimension.

      Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater system floors used to collect stormwater from the surface into a storm drain or surface water body.

   iii. For curb-opening inlets, including curb-opening inlets in combination inlets, the clear space in that curb opening, or each individual clear space if the curb opening has two or more clear spaces, shall have an area of no more than seven (7.0) square inches, or be no greater than two (2.0) inches across the smallest dimension.

2. The standard in A.1. above does not apply:

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

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

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

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

v. Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

Chapter 355-7. 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 Chapter 355-8.C.1, 8.C.2, and 8.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; 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
iii. The trash rack shall be constructed of rigid, durable, and corrosion resistant material and designed to withstand a perpendicular live loading of 300 pounds per square foot.

2. An overflow grate is designed to prevent obstruction of the overflow structure. If an outlet structure has an overflow grate, such grate shall meet the following requirements:

i. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
ii. The overflow grate spacing shall be no 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.

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

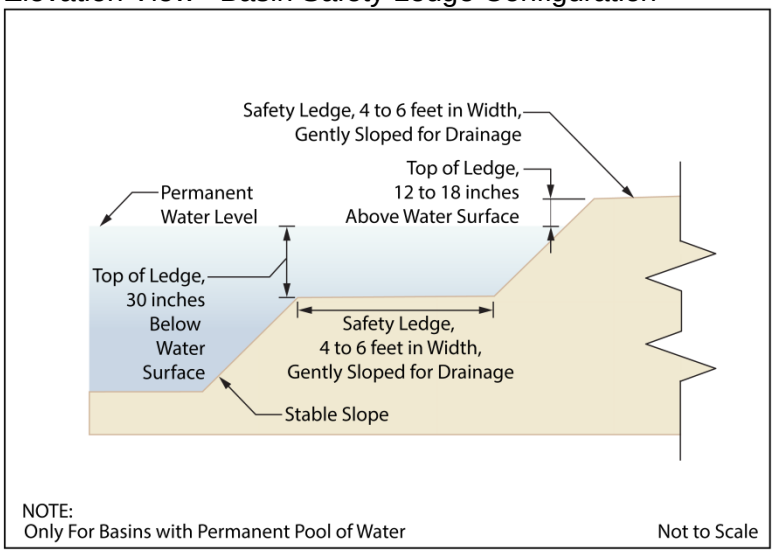
i. If a stormwater management BMP has an outlet structure, escape provisions shall be incorporated in or on the structure. Escape provisions include the installation of permanent ladders, steps, rungs, or other features that provide easily accessible means of egress from stormwater management BMPs. With the prior approval of the municipality pursuant to VIII.C, a free-standing outlet structure may be exempted from this requirement;
ii. Safety ledges shall be constructed on the slopes of all new stormwater management BMPs having a permanent pool of water deeper than two and one-half feet. Safety ledges shall be comprised of two steps. Each step shall be four to six feet in width. One step shall be located approximately two and one-half feet below the permanent water surface, and the second step shall be located one to one and one-half feet above the permanent water surface. See VIII.E for an illustration of safety ledges in a stormwater management BMP; and
iii. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontal to one vertical.

D. Variance or Exemption from Safety Standard

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

Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



Chapter 355-8. 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 Chapter 355-9.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 ten copies of the materials listed in the checklist for site development stormwater plans in accordance with Chapter 355-9.C of this ordinance.

B. Site Development Stormwater Plan Approval

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

C. Submission of Site Development Stormwater Plan

The following information shall be required:

1. Topographic Base Map

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

2. Environmental Site Analysis

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

3. Project Description and Site Plans

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

4. Land Use Planning and Source Control Plan

   This plan shall provide a demonstration of how the goals and standards of Chapter 355-3 through 355-5 are being met. The focus of this plan shall be to describe how the site is being developed to meet the objective of controlling groundwater recharge, stormwater quality and stormwater quantity problems at the source by land management and source controls whenever possible.

5. Stormwater Management Facilities Map

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

   i. Total area to be disturbed, paved or built upon, proposed surface contours, land area to be occupied by the stormwater management facilities and the type of vegetation thereon, and details of the proposed plan to control and dispose of stormwater.

ii. Details of all stormwater management facility designs, during and after construction, including discharge provisions, discharge capacity for each outlet at different levels of detention and emergency spillway provisions with maximum discharge capacity of each spillway.

6. Calculations

   i. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in Chapter 355-4 of this ordinance.
   ii. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

7. Maintenance and Repair Plan

   The design and planning of the stormwater management facility shall meet the maintenance requirements of Chapter 355-10.

8. Waiver from Submission Requirements

   The municipal official or board reviewing an application under this ordinance may, in consultation with the municipality's review engineer, waive submission of any of the requirements in Chapter 355-9.C.1 through 9.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.

Chapter 355-10. Maintenance and Repair:

A. Applicability

Projects subject to review as in Chapter 355-1.C of this ordinance shall comply with the requirements of Chapter 355-10.B and 10.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 Chapter 355-10.B.3 above is not a public agency, the maintenance plan and any future revisions based on Chapter 355-10.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 Chapter 355-10.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 Chapter 355-10.B.6 and B.7 above.

8. The requirements of Chapter 355-10.B.3 and B.4 do not apply to stormwater management facilities that are dedicated to and accepted by the municipality or another governmental agency, subject to all

applicable municipal stormwater general permit conditions, as issued by the Department.

9. In the event that the stormwater management facility becomes a danger to public safety or public health, or if it is in need of maintenance or repair, the municipality shall so notify the responsible person in writing. Upon receipt of that notice, the responsible person shall have fourteen (14) days to effect maintenance and repair of the facility in a manner that is approved by the municipal engineer or his designee. The municipality, in its discretion, may extend the time allowed for effecting maintenance and repair for good cause. If the responsible person fails or refuses to perform such maintenance and repair, the municipality or County may immediately proceed to do so and shall bill the cost thereof to the responsible person. Nonpayment of such bill may result in a lien on the property.

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

Chapter 355-11. 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 a penalty of $500.00 per day, with each day constituting a separate penalty.

Section II. Severability:

Each section, subsection, sentence, clause and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Ordinance to be unconstitutional, void, or ineffective for any cause, or reason, shall not affect any other portion of this Ordinance.

Section III. Effective Date:

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

Mayor Madden opened the Public Hearing on Ordinance No. 2028-21. Seeing that there were no public comments, Mayor Madden closed the Public Hearing on Ordinance No. 2028-21. Mayor Madden asked the Borough Clerk if she received any public comments, and the Borough Clerk did not receive any comments by email.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Jack Mikolajczyk, Councilman
SECONDER:	James Eodice, Council President
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

Borough Clerk Linda Chismar read ordinance 2029-21 by title:

ORDINANCE 2029-21

AN ORDINANCE TO EXCEED THE MUNICIPAL BUDGET APPROPRIATION LIMITS AND TO ESTABLISH A CAP BANK

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 2.5% 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 two succeeding years; and,

WHEREAS, the Mayor and Borough Council of the Borough of Middlesex, in the County of Middlesex, New Jersey, 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 Mayor and Borough Council hereby determines that a 1.0% increase in the budget for said year, amounting to $146,327.52 in excess of the increase in final appropriations otherwise permitted by the Local Government Cap Law, is advisable and necessary.

WHEREAS, the Mayor and Borough Council herby determines that any amount authorized herein above that is not appropriated as part of the final budget shall be retained as an exception to the final appropriation in either of the next two succeeding years.

NOW THEREFORE BE IT ORDAINED, by the Mayor and Borough Council of the Borough of Middlesex, in the County of Middlesex, New Jersey, 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 Borough of Middlesex shall, in accordance with this ordinance and N.J.S.A. 40 A: 4-45.14, be increased by 3.5%, amounting to $512,146.32 and that the CY 2021 municipal budget for the Borough of Middlesex 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.

Mayor Madden opened the Public Hearing on Ordinance No. 2029-21. Seeing that there were no public comments, Mayor Madden closed the Public Hearing on Ordinance No. 2029-21. Mayor Madden asked

the Borough Clerk if she received any public comments, and the Borough Clerk did not receive any comments by email.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Jack Mikolajczyk, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

ADOPTION OF MINUTES

1. Approval of the March 23, 2021 Regular Meeting Minutes

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Jack Mikolajczyk, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

MAYOR'S REPORT

No report was given.

COUNCIL MEMBER REPORTS

Council President Eodice

Council President Eodice made the following comments:

I would like to acknowledge the recent passing of Middlesex County Commissioner Kenneth Armwood. Ken was a true servant of the people, and public service was in his heart and soul. He was a valuable asset to Middlesex County and the State, and he will be missed.

The swim pool is accepting memberships and that's going well so far, and the next meeting will be on April 21st. Also, the County SWAC meeting for today was canceled. While I think Administrator Karrow will mention this in her report, we will also be meeting this week to start diving in to the budget process, and I'm looking forward to that.

Finally, while we've seen some encouraging reductions in positive case counts recently, we also experienced another death in our community today due to Covid19; and it's another reminder that we still need to be vigilant and do our part to protect ourselves and others. Vaccinations are ramping up, and while it may not be for everybody (for one reason or another), I encourage folks who have been considering it to get one. I've had my first, and will have my second in a week or so.

Councilman Carnes

Councilman Carnes made the following comments:
Joint Land Use Board

- The Agenda for tomorrow's meeting (4/14/21) is posted on our website, Borough Hall, and the Courier News Paper. We will be meeting in person at the recreation center at 7pm.

Culture and Heritage Committee

- The Committee Members conducted a limited survey seeking the community's input on how to spend

grant money, thank you to everyone who participated. Plans on expanding the survey are in the works to engage with our community even more.
Recreation Committee

- Easter Bunny Hop Drive was a huge success having around 240 participants.
- Welcome to Max whose first day was 4/12/21, excited to see your leadership and ideas work for our Borough.
- An extra special thank you to Mr. Mike Girvan for working diligently and consistently, going above and beyond your normal work duties, to ensure the success of the department through the pandemic. The journey of restructuring the department has been thought and conversation filled, you were one of the main people crucial to this success. The devotion you bring to our community is a shining example of what it means to serve. We're thankful for your commitment and dedication to Middlesex Borough.

Board of Ed

- Board of Ed meetings are held every 2nd & 4th week of the month, meeting information is also located on Middlesex Borough's School website.
- Kids returned for in person learning Full Days Monday - Thursday, thank you for everyone involved who made this happen.

Redevelopment Committee

- No updates

Councilwoman Flood

Councilwoman Flood made the following comments:

The Middlesex BOE met virtually on April 12th for both an Executive Session and Regular Public Meeting.

Mrs. Mary Ann Friedman, a field representative from New Jersey School Boards Association presented in detail how the BOE members should go about an annual review of a superintendent.

Dr. Williams proclaimed April National School Library Month.

209 vaccines were made available to interested district employees by Penn Medicine. Those who received the vaccine will have their second dose administered on April 28th at Mauger School. Mauger School will have a shortened day on April 28th allowing students to exit the building prior to the vaccines being administered.

Middlesex Public Schools will be closed May 28th and June 1st as 2 emergency days were left unused in the 2020-2021 calendar year.

Councilman Mikolajczyk

Councilman Mikolajczyk did not have a report for this meeting, but did inquire about the vaccines that were done at Mauger School and how many were given teachers. He also discussed the status of in person Council Meetings.

Councilman Quinn

Councilman Quinn made the following comments:

- Shade Tree Commission is looking into the future maintenance of a tree that is causing some problems.
- DPW is waiting on street paving contracts.
- Solterra is putting a dumpster in the recycling yard.

- Spotted Lantern Fly training will be given to some of the DPW.
- Inquired about the logistics of putting the Council Meeting recordings online.

Councilman Rex

Councilman Rex made the following comments:

- Board of Health met April 8th.
- The Board acknowledged the passing of Kenneth Armwood.
- Have reached out to the county for additional resources.
- Still having issues getting Mr. Jones from the County to attend a meeting.
- No Smoking signs will be installed at several of the Parks.
- Amending the current smoking ordinance.
- November 6th is the town's rabies clinic date.

ADMINISTRATOR'S REPORT

PRIVILEGE OF THE FLOOR

Mayor Madden opened the public portion of the meeting. Seeing that there were no public comments or questions, Mayor Madden closed the public portion of the meeting.

NEW BUSINESS/CONSENT AGENDA/RESOLUTIONS

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Jack Mikolajczyk, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 117-2021

ACCEPTANCE OF STANDING REPORTS

The Governing Body hereby accepts the following Reports itemized below:

1. Acceptance of the February, 2021 Police Department Report
2. Acceptance of the March, 2021 Tax Totals

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 118-2021

APPROVING THE SECOND YEAR OF A TWO YEAR CONTRACT FOR ELECTRICAL SERVICES FOR THE PERIOD OF MAY 1, 2021 - APRIL 30, 2022 TO MAGIC TOUCH CONSTRUCTION AS PRIMARY AND ELITE ELECTRICAL AS SECONDARY

WHEREAS, four (4) sealed bids were received and publicly opened and read out loud on March 11, 2020 for a two (2) year contact for Electrical Services for Borough Facilities; and

WHEREAS, at the April 14, 2020 Council Meeting, approval was granted to award a primary and secondary contract for Electrical Services for Borough Facilities to the two (2) lowest responsible, responsive bidders, Magic Touch Construction, primary and Elite Electrical, secondary; and

WHEREAS, the sealed bids received by Magic Touch Construction and Elite Electrical have met all the necessary requirements of the Borough during the first year; and

NOW THEREFORE BE IT RESOLVED, by the Mayor and Council of the Borough of Middlesex that:

1. At the recommendation of the Purchasing Agent, the Mayor and Council hereby accepts the second year contract for Electrical Services for Borough Facilities for the period of 5/1/2021 - 4/30/2022, awarded to Magic Touch Construction as primary and Elite Electrical as secondary, subject to the appropriation of funds in the 2021 and 2022 budget.

NOW FURTHER BE IT RESOLVED, that the Treasurer hereby certifies funds are appropriated in the 2021 adopted budget.

_____
Caroline Benson, Treasurer

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 119-2021

THE TAX COLLECTOR AUTHORIZES THE INTEREST AND PAYMENTS FOR TAX TITLE LIEN REDEMPTIONS CALCULATED FOR APRIL 13, 2021 FOR BLOCK 55/ LOT 32

WHEREAS, pursuant to N.J.S.A. 54:5-54, a lien has been redeemed by the owners or those persons having an interest, and the purchasers of said property are legally entitled to receive redemption funds in the following specific amounts, and;

WHEREAS, the interest and payments on the following Tax Title Lien Redemptions were calculated for April 13th, 2021 and;

NOW, THEREFORE, BE IT RESOLVED the Tax Collector is hereby authorized to issue a check to the lien holder in the following amount(s):

Date of Sale: 12/2/2020
Block/Lot: 55/ 32

Amount:	$932.89
Premium:	$1,200
Certificate:	19-00018
Payable To:	LSG TL Holdings LLC 1985 Cedar Bridge Ave. Suite 1 Lakewood, NJ 08701

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 120-2021

APPROVING THE REFUND OF $1875.00 FOR STREET OPENING PERMIT NO. 2018-024 TO ORLANDO DEVELOPMENT FOR 103 CEDAR AVENUE

WHEREAS, Orlando Investments was issued a street opening permit on 10/29/18; and

WHEREAS, Orlando Investments. deposited $2500.00 with the Borough of Middlesex to ensure proper repair and maintenance of the roadway; and

WHEREAS, said roadway at 103 Cedar Ave. was inspected by Dan Niro, Plumbing Inspector, and found to have been maintained in a satisfactory manner.

NOW THEREFORE BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that the disbursing officers be and they are hereby authorized to draw a check in the amount of $1875.00 in favor of Orlando Development, 221 Beechwood Ave, Middlesex, NJ 08846, for refund of Street Opening Permit No. 2018-024.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 121-2021

APPROVING THE REFUND OF $1875.00 FOR STREET OPENING PERMIT NO. 2018-024 TO ORLANDO DEVELOPMENT FOR 348 DRAKE AVENUE

WHEREAS, Orlando Investments was issued a street opening permit on 12/6/18; and

WHEREAS, Orlando Investments deposited $2500.00 with the Borough of Middlesex to ensure proper repair and maintenance of the roadway; and

WHEREAS, said roadway at 348 Drake Avenue was inspected by Dan Niro, Plumbing Inspector, and found to have been maintained in a satisfactory manner.

NOW THEREFORE BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that the disbursing officers be and they are hereby authorized to draw a check in the amount of $1875.00 in favor of Orlando Development, 221 Beechwood Ave, Middlesex,

NJ 08846, for refund of Street Opening Permit No. 2018-026.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 122-2021

APPROVING THE REFUND OF $1875.00 FOR STREET OPENING PERMIT NO. 2020-003 TO ORLANDO DEVELOPMENT FOR 605 SHERIDAN AVENUE

WHEREAS, Orlando Investments was issued a street opening permit on 5/13/20; and

WHEREAS, Orlando Investments. deposited $2500.00 with the Borough of Middlesex to ensure proper repair and maintenance of the roadway; and

WHEREAS, said roadway at 605 Sheridan Ave. was inspected by Dan Niro, Plumbing Inspector, and found to have been maintained in a satisfactory manner.

NOW THEREFORE BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that the disbursing officers be and they are hereby authorized to draw a check in the amount of $1875.00 in favor of Orlando Development, 221 Beechwood Ave, Middlesex, NJ 08846, for refund of Street Opening Permit No. 2020-003.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 123-2021

APPROVAL OF THE GOVERNOR'S COUNCIL ON ALCOHOLISM AND DRUG ABUSE FISCAL GRANT CYCLE FOR OCTOBER 2020 - JUNE 2025 *- Item Removed from Consent*

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 Middlesex Borough Council of the Borough of Middlesex, County of Middlesex, 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 Middlesex Borough 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 Middlesex Borough Council has applied for funding to the Governor's

Council on Alcoholism and Drug Abuse through the County of Middlesex;

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

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

DEDR	$7,978.00
Cash Match	$1,994.50
In-Kind	$5,983.50

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

This resolution is adopted pending the Governing Body's receipt of the strategic plan for the Middlesex Borough Municipal Alliance grant for fiscal year 2022.

RESULT:	**ADOPTED AS AMENDED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Jack Mikolajczyk, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 124-2021

ACKNOWLEDGING THE CHANGE IN STATUS FOR CERTAIN PROPERTIES UNDER THE VETERAN TAX DEDUCTIONS

WHEREAS, per (N.J.S.A. 54:4-8.10 *et seq*. as amended by P.L. 2019 c.413; N.J.A.C. 18:27-1.1 *et seq*.), certain Veterans were the owners of property in the Borough of Middlesex on or before October 1, 2020, and

WHEREAS, said Veterans did file their claims for the Veteran deduction with the proper official of the Borough of Middlesex, Middlesex County, and

WHEREAS, the Tax Assessor has allowed the following Veteran deductions for the 2021 year totaling $2250.00

Name:	King, Maxwell & Gordin, Rebecca
Block/Lot:	237 / 14
Amount:	$250.00

Name:	Lawler, Donald C & Marion

Block/Lot: 305 /2.01
Amount: $250.00

Name: White, Larry D & Christine A
Block/Lot: 200 /17
Amount: $250.00

Name: Casuso, Frank
Block/Lot: 284 /10
Amount: $250.00

Name: Johnson, Edward J Jr. & Mary L
Block/Lot: 115 / 2
Amount: $250.00

Name: Sidotti, Phillip & Nancy J
Block/Lot: 155 / 8
Amount: $250.00

Name: Scarpitti, Ronald R & Helen A
Block/Lot: 300 / 29
Amount: $250.00

Name: Palache, Ernesto & Yolanda
Block/Lot: 70 / 3.01
Amount: $250.00

Name: Meyer, Joseph C & Barbara J
Block/Lot: 168 / 21
Amount: $250.00

NOW, THEREFORE BE IT RESOLVED, by the Mayor and Borough Council of the Borough of Middlesex, Middlesex County, that the Chief Financial Officer of the Borough of Middlesex, Middlesex County be instructed to post to the books the collection of taxes receivable as detailed.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 125-2021

DECLARING THE 1998 FORD CROWN VICTORIA SURPLUS AND AUTHORIZING THE UTILIZATION OF THIS VEHICLE FOR FIRE SAFETY DRILLS BY THE MIDDLESEX FIRE DEPARTMENT

WHEREAS, the Borough of Middlesex has determined that the 1998 Ford Crown Victoria, Vin # 2FAFP73W6WX13773 is no longer needed for public use and declared surplus; and

WHEREAS, the Borough of Middlesex intends to utilize the vehicle for Fire Safety Drills by the Middlesex Fire Department; and

NOW, THEREFORE, BE IT RESOLVED, by the Governing Body of the Borough of Middlesex, County of Middlesex, State of New Jersey, that the 1998 Ford Crown Victoria, Vin # 2FAFP73W6WX13773 is hereby declared surplus and will be used by the Middlesex Fire Department for Fire Safety Drills effective immediately.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 126-2021

HIRING OF MAXIMILIAN VASILE OF ABERDEEN, NJ AS THE RECREATION PROGRAM COORDINATOR AT AN ANNUAL SALARY OF $42,000 EFFECTIVE APRIL 12, 2021 PENDING A SATISFACTORY PHYSICAL AND BACKGROUND CHECK

WHEREAS, the Governing Body hereby approves the hiring of Maximilian Vasile of Aberdeen, NJ as the Recreation Program Coordinator; and

WHEREAS, Mr. Vasile will be paid an annual salary of $42,000 effective April 12, 2021, pending a satisfactory physical and background check; and

WHEREAS, Mr. Vasile will receive a $1,000 increase on his anniversary date in 2022, 2023 and 2024; and

WHEREAS, Mr. Vasile will receive the standard increase given to all non-union employees effective January 1, 2025.

NOW THEREFORE BE IT RESOLVED, by the Governing Body of the Borough of Middlesex that:

1. The Governing Body hereby approves the hiring of Maximilian Vasile of Aberdeen, NJ effective April 12, 2021 at an annual salary of $42,000. Mr. Vasile will be entitled to an increase of $1,000 effective on his anniversary date in 2022, 2023 and 2024 and resume the standard increases given to all non-union employees effective January 1, 2025, pending a satisfactory physical and background check.

2. This resolution shall take effect immediately.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 127-2021

APPROVING 14 POLICE DEPARTMENT OFFICE CHAIRS TO BE DECLARED AS SURPLUS

WHEREAS, the Borough of Middlesex has determined that 14 office chairs from the Middlesex Police Department have been rendered obsolete, and no longer serviceable; and

WHEREAS, the Borough of Middlesex intends to dispose of the 14 office chairs as they are no longer serviceable and obsolete; and

NOW, THEREFORE, BE IT RESOLVED, by the Governing Body of the Borough of Middlesex, County of Middlesex, State of New Jersey, hereby declare the 14 office chairs non-serviceable as surplus and authorize their disposal, effective immediately.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 128-2021

AMENDING THE PERSONNEL POLICY SECTION 2.H. ASSIGNED BOROUGH VEHICLES AND USE OF BOROUGH VEHICLES POLICY TO INCLUDE THE ASSISTANT FIRE CHIEF

WHEREAS, The Governing Body adopted Resolution No. 79-2021 at their February 23, 2021 Regular Meeting that approved the transfer of the Fire Police Vehicle to the Fire Department and agreed to have the Assistant Fire Chief use this vehicle; and

WHEREAS, the Personnel Policy must be amended in Section 2.H. Assigned Borough Vehicles and Use of Borough Vehicles Policy to reflect the following changes as underscored below:

Section 2.H. Assigned Borough Vehicles and Use of Borough Vehicles Policy:

Fire Chief and Assistant Fire Chief

a. Shall be supplied with a vehicle to be used for Fire Department activities and his/her personal use to and from work. The makes and models shall be determined by the Mayor and Council.

b. The Borough shall pay all expenses for the operation and upkeep of the automobiles, such as car insurance, tires, gas, oil changes, and any other necessary repairs.

c. The automobiles shall be used only on official business.

d. The automobiles shall not be used by anyone other than the Fire Chief and the Assistant Fire Chief except that he/she may designate other members of the Fire Department, as appropriate, to use the vehicles for a designated fire purpose.

e. The approval of the Business Administrator, or in his/her absence, the Mayor, is required to keep the automobiles overnight for meetings, conferences, etc.

f. See general requirements below.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Borough Council of Middlesex, County of Middlesex, State of New Jersey that the Personnel Policy, Section 2.H. Assigned Borough Vehicles and Use of Borough Vehicles Policy is hereby amended as outlined

above.

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 130-2021

WAIVING THE MUNICIPAL FEES FOR THE FIRE DEPARTMENT FOR THE GAMES OF CHANCE FOR THEIR CARNIVAL SCHEDULED FOR APRIL 19, 2021 - APRIL 24, 2021

The Governing Body hereby approve waiving the Fire Department's municipal fee for the "Games of Chance" for the Carnival scheduled for April 19, 2021 - April 24, 2021.

NON-CONSENT AGENDA/RESOLUTIONS

Borough Clerk Linda Chismar read the following resolution:

BE IT RESOLVED by the Mayor and Council of the Borough of Middlesex that:

RESOLUTION 129-2021

PAY ALL CLAIMS

THE DISBURSING OFFICERS BE AND THEY ARE HEREBY AUTHORIZED TO PAY THE ATTACHED CLAIM LIST AS PRESENTED, IF FOUND CORRECT, AND APPROVED BY THE FINANCE COMMITTEE. EXCLUDED VOUCHERS MAY BE PAID UPON BEING FOUND ACCEPTABLE.

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Eodice, Council President
SECONDER:	Jack Mikolajczyk, Councilman
AYES:	Eodice, Carnes, Flood, Mikolajczyk, Quinn, Rex

AGENDA WORKSHOP ITEM

PRIVILEGE OF THE FLOOR ON AGENDA WORKSHOP ITEMS

EXECUTIVE SESSION

ADJOURNMENT

The next Regular Meeting will be April 27, 2021

Respectfully yours,

Linda Chismar
Borough Clerk