



BOROUGH OF NORTH HALEDON

COUNCIL MEETING MINUTES

WEDNESDAY, JUNE 16, 2021

Mayor George read the OPMA notice into the record:

Due to the current State of Emergency this meeting will be conducted electronically via a Zoom webinar. Instructions on how to join the meeting for the public portion have been posted on the Borough's website. In addition, a Notice of Electronic Meeting was sent to the official newspapers.

This meeting is called pursuant to the provisions of the Open Public Meetings Law. A notice of this meeting was emailed to THE HERALD NEWS and THE RECORD on January 6, 2021, and advertised in the aforementioned newspapers on January 14, 2021. These notices were posted on the bulletin board on the same date, and have been continuously posted as the required notices under the Statute, and a copy is and has been available on file in the office of the Municipal Clerk for inspection.

Proper notice having been given, this meeting is called to order at 8:42 p.m. and the Clerk was directed to include this statement in the minutes of this meeting.

ROLL CALL

Present:

Mayor Randy George

Council Members: Jacqueline Roscio, Rocco Luisi, George Pomianek, Donna Puglisi, Bruce O. Iacobelli, Vince Parmese

Absent:

Council Member Luisi

Also Present:

Borough Attorney, Michael De Marco

Deputy Municipal Clerk, Dena Ploch

Municipal Clerk, Renate Elatab

PUBLIC COMMENTS

Motion by Council Member Puglisi, second by Council Member Iacobelli, to open the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Since no one in the public asked to speak, motion by Council Member Puglisi, second by Council Member Iacobelli, to close the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

APPROVAL OF PRIOR MINUTES

Motion by Council Member Puglisi, second by Council Member Pomianek, to approve the minutes of the work session, and the regular meeting of May 19, 2021. Upon roll call, all members present voted in the affirmative, with the exception of Council Member Roscio, who abstained. Motion carried.

OFFICIAL REPORTS

Building Official's Report
Clerk's Receipts
Fire Department Report
Municipal Court Report
Police Department Report
Property Maintenance
DPW Report
Tax Collector's Report to Treasurer
Treasurer's Report

COMMITTEE REPORTS

DPW / STREETS & ROADS / SEWERS/ BUILDINGS & GROUNDS / SOLID WASTE /
RECYCLING - **IACOBELLI**
POLICE / EMERGENCY MANAGEMENT / SAFETY / PBA LOCAL 292 - **PUGLISI**
RECREATION - **PUGLISI**
ZONING BOARD OF ADJUSTMENT – **PUGLISI**
CODIFICATION -- **PUGLISI**
FINANCE – **POMIANEK**
PLANNING BOARD - **IACOBELLI**
BOARD OF EDUCATION / LOCAL - **LUISI**
BOARD OF EDUCATION / REGIONAL - **IACOBELLI**
BOARD OF HEALTH – **IACOBELLI**
FIRE & WATER - **LUISI**
ENGINEERING - **POMIANEK**

**LIBRARY - MAYOR GEORGE
PUBLIC CELEBRATIONS - IACOBELLI**

Motion by Council Member Puglisi, second by Council Member Pomianek, that reports be received, that action be taken where necessary, and that the reports be placed on file. Upon roll call, all members present voted in the affirmative. Motion carried.

COMMUNICATIONS

The communications below were discussed at the Work Session:

Mayor George	Re: Visit of Cannabis Dispensary
Mayor George	Re: Zoning Board
Mayor George	Re: Pickleball Courts
Mayor George	Re: Basketball Court
Mayor George	Re: Gang in Town
Mayor George	Re: Use of Fields by Non-Residents
Mayor George	Re: Deer Population
Tax Assessor	Re: Re-assessment / 848 Belmont Avenue
Chief of Police	Re: Class II Special Police Officer
Lt. Conforti	Re: FCC Frequency Approval
Municipal Clerk	Re: In House Meeting / Bd. of Adjustment

Motion by Council Member Puglisi, second by Council Member Pomianek, that above communications be received, that action be taken where necessary, and that they be placed on file. Upon roll call, all members present voted in the affirmative. Motion carried.

OLD BUSINESS / ORDINANCES

Ordinance #4-2021

Re: Cannabis Ordinance

Motion by Council Member Puglisi, second by Council Member Iacobelli, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

**AN ORDINANCE BY THE BOROUGH OF NORTH HALEDON IN PASSAIC COUNTY,
NEW JERSEY, PROHIBITING THE OPERATION OF ANY CLASS OF CANNABIS
BUSINESSES WITHIN ITS GEOGRAPHICAL BOUNDARIES AND AMENDING
CHAPTER 384 OF THE NORTH HALEDON OF MUNICIPAL CODE**

WHEREAS, in 2020 New Jersey voters approved Public Question No. 1, which amended the New Jersey Constitution to allow for the legalization of a controlled form of marijuana called “cannabis” for adults at least 21 years of age; and

WHEREAS, on February 22, 2021, Governor Murphy signed into law P.L. 2021, c. 16, known as the “New Jersey Cannabis Regulatory, Enforcement Assistance, and Marketplace Modernization Act” (the “Act”), which legalizes the recreational use of marijuana by adults 21 years of age or older, and establishes a comprehensive regulatory and licensing scheme for commercial recreational (adult use) cannabis operations, use and possession; and

WHEREAS, the Act establishes six marketplace classes of licensed businesses, including:

- Class 1 Cannabis Cultivator license, for facilities involved in growing and cultivating cannabis;
- Class 2 Cannabis Manufacturer license, for facilities involved in the manufacturing, preparation, and packaging of cannabis items;
- Class 3 Cannabis Wholesaler license, for facilities involved in obtaining and selling cannabis items for later resale by other licensees;
- Class 4 Cannabis Distributer license, for businesses involved in transporting cannabis plants in bulk from on licensed cultivator to another licensed cultivator, or cannabis items in bulk from any type of licensed cannabis business to another;
- Class 5 Cannabis Retailer license for locations at which cannabis items and related supplies are sold to consumers; and
- Class 6 Cannabis Delivery license, for businesses providing courier services for consumer purchases that are fulfilled by a licensed cannabis retailer in order to make deliveries of the purchases items to a consumer, and which service would include the ability of a consumer to make a purchase directly through the cannabis delivery service which would be presented by the delivery service for fulfillment by a retailer and then delivered to a consumer.

WHEREAS, section 31a of the Act authorizes municipalities by ordinance to adopt regulations governing the number of cannabis establishments (defined in section 3 of the Act as “a cannabis cultivator, a cannabis manufacturer, a cannabis wholesaler, or a cannabis retailer”), cannabis distributors or cannabis delivery services allowed to operate within their boundaries, as well as the location manner and times operation of such establishments, distributors or delivery services, and establishing civil penalties for the violation of any such regulations; and

WHEREAS, section 31b of the Act authorizes municipalities by ordinance to prohibit the operation of any one or more classes of cannabis establishments, distributors, or delivery services anywhere in the municipality; and

WHEREAS, section 31b of the Act also stipulates, however, that any municipal regulation

or prohibition must be adopted within 180 days of the effective date of the Act (*i.e.*, by August 22, 2021); and

WHEREAS, pursuant to section 31b of the Act, the failure to do so shall mean that for a period of five years thereafter, the growing, cultivating, manufacturing, selling and reselling of cannabis and cannabis items shall be permitted uses in all industrial zones, and the retail selling of cannabis items to consumers shall be a conditional use in all commercial and retail zones; and

WHEREAS, at the conclusion of the initial and any subsequent five-year period following a failure to enact local regulations or prohibitions, the municipality shall again have 180 days to adopt an ordinance regulating or prohibiting cannabis businesses, but any such ordinance would be prospective only and would not apply to any cannabis business already operating within the municipality; and

WHEREAS, the Board of Council of the Borough of North Haledon has determined that, due to present uncertainties regarding the potential future impacts that allowing one or more classes of cannabis business might have on New Jersey municipalities in general, and on the Borough of North Haledon in particular, it is at this time necessary and appropriate, and in the best interest of the health, safety and welfare of the Borough of North Haledon's residents and members of the public who visit, travel, or conduct business in the Borough of North Haledon, to amend the Borough of North Haledon's zoning regulations to prohibit all manner of marijuana-related land use and development within the geographic boundaries of the Borough of North Haledon; and

WHEREAS, officials from two prominent non-profit organizations that have been established for the purpose of advising New Jersey municipalities on legal matters such as have been presented by the Act (those organizations being the New Jersey State League of Municipalities and the New Jersey Institute of Local Government Attorneys) have strongly urged that, due to the complexity and novelty of the Act; the many areas of municipal law that are or may be implicated in decisions as to whether or to what extent cannabis or medical cannabis should be permitted for land use purposes or otherwise regulated in any particular municipality; and the relatively short duration in which the Act would allow such decisions to be made before imposing an automatic authorization of such uses in specified zoning districts subject to unspecified conditions, the most prudent course of action for all municipalities, whether or not generally in favor of cannabis or medical cannabis land development and uses, would be to prohibit all such uses within the Act's 180-day period in order to ensure sufficient time to carefully review all aspects of the Act and its impacts;

NOW THEREFORE, BE IT ORDAINED, by the Board of Council of the Borough of North Haledon, in the County of Passaic, State of New Jersey, as follows:

1. Pursuant to section 31b of the New Jersey Cannabis Regulatory, Enforcement Assistance, and Marketplace Modernization Act (P.L. 2021, c. 16), all cannabis establishments, cannabis distributors or cannabis delivery services are hereby prohibited from operating anywhere in the Borough of North Haledon, except for the delivery of cannabis items and related supplies by a delivery service.

2. Chapter 384 of the Borough Code of the Borough of North Haledon is hereby amended by adding to the list of prohibited uses, the following: “All classes of cannabis establishments or cannabis distributors or cannabis delivery services as said terms are defined in section 3 of P.L. 2021, c. 16, but not the delivery of cannabis items and related supplies by a delivery service.”

3. Any article, section, paragraph, subsection, clause, or other provision of the Borough Code of the Borough of North Haledon inconsistent with the provisions of this ordinance is hereby repealed to the extent of such inconsistency.

4. If any section, paragraph, subsection, clause, or provision of this ordinance shall be adjudged by a court of competent jurisdiction to be invalid, such adjudication shall apply only to the section, paragraph, subsection, clause, or provision so adjudged, and the remainder of this ordinance shall be deemed valid and effective.

5. This ordinance shall take effect upon its passage and publication and filing with the Passaic County Planning Board, and as otherwise provided for by law.

Motion by Council Member Puglisi, second by Council Member Pomianek, to open the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Since no one in the public asked to speak, motion by Council Member Puglisi, second by Council Member Roscio, to close the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Motion by Council Member Pomianek, second by Council Member Roscio, that Ordinance #4-2021 pass its second and final reading and that the Clerk be authorized to cause the appropriate notice to be published that Ordinance #4-2021 was adopted on second reading and is hereby declared a passed ordinance in accordance with law. Upon roll call, all members present voted in the affirmative, with the exception of Council Member Puglisi, who voted in the negative. Motion carried.

Ordinance #9-2021

**Re: Amendment /
Storm Water Ordinance**

Motion by Council Member Puglisi, second by Council Member Iacobelli, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON, COUNTY OF PASSAIC, STATE OF NEW JERSEY, TO ADOPT THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION’S MODEL ORDINANCE FOR STORMWATER CONTROL

WHEREAS, the Borough of North Haledon regulates the control and discharge of stormwater through the use of stormwater best management practices and nonstructural stormwater management strategies; and

WHEREAS, the New Jersey Department of Environmental Protection (“NJDEP” or the “Department”) has adopted amended stormwater management regulations and requires municipalities to revise their stormwater control ordinances in accordance with the regulations.

NOW, THEREFORE, BE IT ORDAINED by the Borough Council of the Borough of North Haledon, in the County of Passaic and State of New Jersey, as follows:

Under Chapter 516 “Stormwater Management” Ordinance No. 15-2020 “Stormwater Control”, Section 1 through 13, is hereby repealed and replaced, with the revised Chapter to read as follows:

§516-1: 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 §516-2.

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 North Haledon.

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.

§516-2: 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 Board of Chosen Freeholders 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 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 §516-4.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.

§516-3: 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.

§516-4: 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 §516-10.
- 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 muhlenbergi* (bog turtle).
- C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of §516-4.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 §516-4.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 §516-4.O, P, Q and R to the maximum extent practicable;
 3. The applicant demonstrates that, in order to meet the requirements of §516-4.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 §516-4.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of §516-4.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 §516-4.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.

<u>Table 1</u> <u>Green Infrastructure BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff</u>				
<u>Best Management Practice</u>	<u>Stormwater Runoff Quality TSS Removal Rate (percent)</u>	<u>Stormwater Runoff Quantity</u>	<u>Groundwater Recharge</u>	<u>Minimum Separation from Seasonal High Water Table (feet)</u>
<u>Cistern</u>	<u>0</u>	<u>Yes</u>	<u>No</u>	<u>=</u>
<u>Dry Well^(a)</u>	<u>0</u>	<u>No</u>	<u>Yes</u>	<u>2</u>
<u>Grass Swale</u>	<u>50 or less</u>	<u>No</u>	<u>No</u>	<u>2^(e)</u> <u>1^(f)</u>
<u>Green Roof</u>	<u>0</u>	<u>Yes</u>	<u>No</u>	<u>=</u>
<u>Manufactured Treatment Device^{(a) (g)}</u>	<u>50 or 80</u>	<u>No</u>	<u>No</u>	<u>Dependent upon the device</u>
<u>Pervious Paving System^(a)</u>	<u>80</u>	<u>Yes</u>	<u>Yes^(b)</u> <u>No^(c)</u>	<u>2^(b)</u> <u>1^(c)</u>
<u>Small-Scale Bioretention Basin^(a)</u>	<u>80 or 90</u>	<u>Yes</u>	<u>Yes^(b)</u> <u>No^(c)</u>	<u>2^(b)</u> <u>1^(c)</u>
<u>Small-Scale Infiltration Basin^(a)</u>	<u>80</u>	<u>Yes</u>	<u>Yes</u>	<u>2</u>
<u>Small-Scale Sand Filter</u>	<u>80</u>	<u>Yes</u>	<u>Yes</u>	<u>2</u>
<u>Vegetative Filter Strip</u>	<u>60-80</u>	<u>No</u>	<u>No</u>	<u>=</u>

(Notes corresponding to annotations ^(a) through ^(g) are found under Table 3)

<u>Table 2</u> <u>Green Infrastructure BMPs for Stormwater Runoff Quantity</u> <u>(or for Groundwater Recharge and/or Stormwater Runoff</u> <u>Quality</u>				
<u>Best Management Practice</u>	<u>Stormwater Runoff Quality TSS Removal Rate (percent)</u>	<u>Stormwater Runoff Quantity</u>	<u>Groundwater Recharge</u>	<u>Minimum Separation from Seasonal High Water Table (feet)</u>
<u>Bioretention System</u>	<u>80 or 90</u>	<u>Yes</u>	<u>Yes^(b)</u> <u>No^(c)</u>	<u>2^(b)</u> <u>1^(c)</u>
<u>Infiltration Basin</u>	<u>80</u>	<u>Yes</u>	<u>Yes</u>	<u>2</u>
<u>Sand Filter^(b)</u>	<u>80</u>	<u>Yes</u>	<u>Yes</u>	<u>2</u>
<u>Standard Constructed Wetland</u>	<u>90</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
<u>Wet Pond^(d)</u>	<u>50-90</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>

(Notes corresponding to annotations ^(b) through ^(d) are found under Table 3)

<u>Table 3</u> <u>BMPs for Groundwater Recharge, Stormwater Runoff Quality,</u> <u>and/or Stormwater Runoff Quantity</u> <u>only with a Waiver or Variance from N.J.A.C. 7:8-5.3</u>				
<u>Best Management Practice</u>	<u>Stormwater Runoff Quality TSS Removal Rate (percent)</u>	<u>Stormwater Runoff Quantity</u>	<u>Groundwater Recharge</u>	<u>Minimum Separation from Seasonal High Water Table (feet)</u>
<u>Blue Roof</u>	<u>0</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
<u>Extended Detention Basin</u>	<u>40-60</u>	<u>Yes</u>	<u>No</u>	<u>1</u>
<u>Manufactured Treatment Device^(h)</u>	<u>50 or 80</u>	<u>No</u>	<u>No</u>	<u>Dependent upon the device</u>
<u>Sand Filter^(c)</u>	<u>80</u>	<u>Yes</u>	<u>No</u>	<u>1</u>
<u>Subsurface Gravel Wetland</u>	<u>90</u>	<u>No</u>	<u>No</u>	<u>1</u>
<u>Wet Pond</u>	<u>50-90</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>

Notes to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at §516-4.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 §516-2;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at §516-2.

- 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 §516-6.B. Alternative stormwater management measures may be used to satisfy the requirements at §516-4.O only if the measures meet the definition of green infrastructure at §516-2. 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 §516-4.D is granted from §516-4.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 §516-8.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 §516-8; 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 §516-2 may be used only under the circumstances described at §516-4.O.4.
- K. Any application for a new agricultural development that meets the definition of major development at §516-2 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at §516-4.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 §516-4.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 Passaic County Clerk's Office located at: 401 Grand Street #130, Paterson, New Jersey 07505. 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 §516-4.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 §516-10.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 §516-4 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 Clerk of the County of Passaic 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 §516-4.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at §516-4.F. and/or an alternative stormwater management measure approved in accordance with §516-4.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

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

3. To satisfy the stormwater runoff quantity standards at §516-4.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 §516-4.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 §516-4.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 §516-4.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at §516-4.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 §516-4.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with §516-4.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 §516-5, 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.
3. The requirement to reduce TSS does not apply to any stormwater runoff in a discharge regulated under a numeric effluent limitation for TSS imposed under the New Jersey Pollutant Discharge Elimination System (NJPDES) rules, N.J.A.C. 7:14A, or in a discharge specifically exempt under a NJPDES permit from this requirement. Every major development, including any that discharge into a combined sewer system, shall comply with 2 above, unless the major development is itself subject to a NJPDES permit with a numeric effluent limitation for TSS or the NJPDES permit to which the major development is subject exempts the development from a numeric effluent limitation for TSS.
4. The water quality design storm is 1.25 inches of rainfall in two hours. Water quality calculations shall take into account the distribution of rain from the water

quality design storm, as reflected in Table 4, below. The calculation of the volume of runoff may take into account the implementation of stormwater management measures.

Table 4 - Water Quality Design Storm Distribution

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

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

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

Where

R = total TSS Percent Load Removal from application of both BMPs, and

A = the TSS Percent Removal Rate applicable to the first BMP

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in §516-4.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 §516-5, 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.

§516-5: 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 §516-5.A.1.i and the Rational and Modified Rational Methods at §516-5.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/greport/gsr32.pdf>

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

§516-6: 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.

§516-7: Solids and Floatable Materials Control Standards

- A. Site design features identified under §516-4.F above, or alternative designs in accordance with §516-4.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 §516-7.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.

§516-8: 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 §516-8.C.1, §516-8.C.2, and §516-8.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;
 - iii. The average velocity of flow through a clean trash rack is not to exceed 2.5 feet per second under the full range of stage and discharge. Velocity is to be computed on the basis of the net area of opening through the rack; and
 - iv. The trash rack shall be constructed of rigid, durable, and corrosion resistant material and designed to withstand a perpendicular live loading of 300 pounds per square foot.
 - 2. An overflow grate is designed to prevent obstruction of the overflow structure. If an outlet structure has an overflow grate, such grate shall meet the following requirements:
 - i. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
 - ii. The overflow grate spacing shall be no 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 §516-8.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 §516-8.E for an illustration of safety ledges in a stormwater management BMP; and
 - iii. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontal to one vertical.

D. Variance or Exemption from Safety Standard

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

E. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration

§516-9: 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 §516-9.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 15 copies of the materials listed in the checklist for site development stormwater plans in accordance with §516-9.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 §516-3 through §516-5 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 §516-4 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 §516-10.

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 §516-9.C.1 through §516-9.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.

§516-10: Maintenance and Repair

A. Applicability

Projects subject to review as in §516-1.C of this ordinance shall comply with the requirements of §516-10.B and §516-10.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 §516-10.B.3 above is not a public agency, the maintenance plan and any future revisions based on §516-10.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 §516-10.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 §516-10.B.6 and B.7 above.
 8. The requirements of §516-10.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.

§516-11: Fees

An application fee shall be due to the municipality at the time of submission of materials in support of the application as provided hereinafter as an amendment to Chapter 275, Fees. If it is determined that a stormwater management plan is required, an escrow shall be established in accordance with Chapter 275, Fees, covering the review and inspection fees incurred by the municipality. Any funds remaining in the escrow account for stormwater management after final approval and implementation of the plan shall be returned to the applicant.

§516-12: Penalties

Any person(s) who erects, constructs, alters, repairs, converts, maintains, or uses any building, structure or land in violation of this chapter shall be subject to the following penalties, upon conviction thereof, be punished by a fine not exceeding One thousand dollars (\$1,000.), by imprisonment for a term not exceeding ninety (90) days or by a period of community service for not more than ninety (90) days, or any combination thereof. A separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

§516-13: 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.

§516-14: Effective Date

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

Motion by Council Member Puglisi, second by Council Member Parmese, to open the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Since no one in the public asked to speak, motion by Council Member Puglisi, second by Council Member Roscio, to close the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Motion by Council Member Puglisi, second by Council Member Pomianek, that Ordinance #9-2021 pass its second and final reading and that the Clerk be authorized to cause the appropriate notice to be published that Ordinance #9-2021 was adopted on second reading and is hereby declared a passed ordinance in accordance with law. Upon roll call, all members present voted in the affirmative. Motion carried.

Ordinance #10-2021

Re: Animals

Motion by Council Member Puglisi, second by Council Member Roscio, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

**AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON
AMENDING CHAPTER 202, ARTICLE 1, §202-3
OF THE CODE OF THE BOROUGH OF NORTH HALEDON**

BE IT ORDAINED, by the Governing Body of the Borough of North Haledon, County of Passaic, State of New Jersey, as follows:

SECTION 1

§202-3 Running at Large Prohibited is amended as follows:

No person shall permit any dog in his/her care or under his/her care, whether on a standard, wireless, or electronic leash, to run at large upon public streets, in any public park, in any public building, or in any public place within the Borough, nor go upon the lawn, yard, entrance walk, or driveway of any private residence without the permission of the owner thereof.

SECTION 2

If any section, subsection, clause, or phrase of this Ordinance is for any reason held to be Unconstitutional or invalid by any court of competent jurisdiction, such decision shall not affect the remaining portions of the Ordinance.

SECTION 3

This Ordinance shall take effect as provided by law.

Motion by Council Member Puglisi, second by Council Member Pomianek, to open the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Since no one in the public asked to speak, motion by Council Member Puglisi, second by Council Member Pomianek, to close the floor to the public. Upon roll call, all members present voted in the affirmative. Motion carried.

Motion by Council Member Puglisi, second by Council Member Pomianek, that Ordinance #10-2021 pass its second and final reading and that the Clerk be authorized to cause the appropriate notice to be published that Ordinance #10-2021 was adopted on second reading and is hereby declared a passed ordinance in accordance with law. Upon roll call, all members present voted in the affirmative. Motion carried.

NEW BUSINESS / ORDINANCES / RESOLUTIONS

Ordinance #11-2021

**Re: Amendment /
Parks and Recreation**

Motion by Council Member Puglisi, second by Council Member Rosio, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

**AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON
AMENDING AND SUPPLEMENTING CHAPTER 430, PARKS AND RECREATION,
OF THE CODE OF THE BOROUGH OF NORTH HALEDON**

BE IT ORDAINED, by the Governing Body of the Borough of North Haledon,
County of Passaic, State of New Jersey, as follows:

SECTION 1

Chapter 430. Parks and Recreation is supplemented as follows:

Article V. Pickleball Courts.

§ 430-17. Use restrictions.

The Borough-owned pickleball courts shall be used only for the playing of pickleball and for no other purpose.

§ 430-18. Permit required; authorization for use.

The use of the Borough-owned pickleball courts during open court time as designated by the Board of Recreation Commissioners shall be limited to only those persons who have applied for and received a permit from the Office of the Municipal Clerk, and their guests, and, during other times to be designated by the Board of Recreation Commissioners, to those persons who are part of a team or other group authorized to use the courts by the Board of Recreation Commissioners.

§ 430-19. Permit required; authorization for use.

Any violation of this article shall be punishable as provided in Chapter 1, General Provisions, Article II. General Penalty.

Article VI. Basketball Court.

§ 430-20. Use restrictions.

The Borough-owned basketball court shall be used only for the playing of basketball and for no other purpose.

§ 430-21. Permit required; authorization for use.

The use of the Borough-owned basketball court during open court time as designated by the Board of Recreation Commissioners shall be limited to only those persons who have applied for and received a permit from the Office of the Municipal Clerk, and their guests, and, during other times to be designated by the Board of Recreation Commissioners, to those persons who are part of a team or other group authorized to use the court by the Board of Recreation Commissioners.

§ 430-22. Permit required; authorization for use.

Any violation of this article shall be punishable as provided in Chapter 1, General Provisions, Article II. General Penalty.

§ 430-23. Playing of recreational games.

The playing of all recreational games shall be permitted only on the fields and in the specific locations provided for such games and / or activities.

SECTION 2

If any section, subsection, clause, or phrase of this Ordinance is for any reason held to be Unconstitutional or invalid by any court of competent jurisdiction, such decision shall not affect the remaining portions of the Ordinance.

SECTION 3

This Ordinance shall take effect as provided by law.

Motion by Council Member Puglisi, second by Council Member Pomianek, that the ordinance heretofore introduced does now pass on first reading and that said ordinance be further considered for final passage on July 21, 2021, at 7:30 p.m. or as soon thereafter as the matter can be reached by the Mayor and Council and that at such time and place, all persons interested will be given an opportunity to be heard concerning said ordinance and that the Clerk be and she is hereby authorized and directed to publish said ordinance in accordance with law. Upon roll call, all members present voted in the affirmative. Motion carried.

Ordinance #12-2021

Re: Playgrounds

Motion by Council Member Puglisi, second by Council Member Roscio, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

**AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON
AMENDING AND SUPPLEMENTING CHAPTER 430, ARTICLE III,
OF THE CODE OF THE BOROUGH OF NORTH HALEDON**

BE IT ORDAINED, by the Governing Body of the Borough of North Haledon,
County of Passaic, State of New Jersey, as follows:

SECTION 1

§430-10. Applicability is amended as follows:

The following rules and regulations shall apply to the playgrounds located adjacent to High Mountain School and at Yahn's Pond.

§430-11. Violations and Penalties is not amended.

§430-12. Applicability is amended as follows:

The rules and regulations hereby adopted are as follows:

- A. The hours of use shall be from 7:00 a.m. to sunset.
- B. All children and minors must be supervised by a parent or guardian. Parents and guardians are responsible for their children's safety and the safety of children in their charge while in the playground. Use of playground equipment is at one's own risk
- C. No roller-blading, bicycling or tri-cycling, no pets, no smoking, no consumption of food or drink, no littering, no defacing or destroying of public property, no use of audio devices and no loitering inside the playgrounds.

§430-13. Applicability is amended as follows:

The Borough has an interest in promoting the safe and appropriate use of the playgrounds. Signs shall be appropriately posted at the playgrounds setting forth rules to insure the safe and appropriate use of the playgrounds and will indicate that violators shall be punishable as provided in the Borough Code.

SECTION 2

If any section, subsection, clause, or phrase of this Ordinance is for any reason held to be Unconstitutional or invalid by any court of competent jurisdiction, such decision shall not affect the remaining portions of the Ordinance.

SECTION 3

This Ordinance shall take effect as provided by law.

Motion by Council Member Puglisi, second by Council Member Pomianek, that the ordinance heretofore introduced does now pass on first reading and that said ordinance be further considered for final passage on July 21, 2021, at 7:30 p.m. or as soon thereafter as the matter can be reached by the Mayor and Council and that at such time and place, all persons interested will be given an opportunity to be heard concerning said ordinance and that the Clerk be and she is hereby authorized and directed to publish said ordinance in accordance with law. Upon roll call, all members present voted in the affirmative. Motion carried.

Ordinance #13-2021

Re: Fees

Motion by Council Member Puglisi, second by Council Member Roscio, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following ordinance:

**AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON
AMENDING AND SUPPLEMENTING CHAPTER 275, FEES,
OF THE CODE OF THE BOROUGH OF NORTH HALEDON**

BE IT ORDAINED, by the Governing Body of the Borough of North Haledon, County of Passaic, State of New Jersey, as follows:

SECTION 1

§ 275-35. Chapter 600, Zoning is supplemented as follows:

- B. Application fee for sign installation: \$50.00
- C. Escrow for review, if required due to complexity: \$300.00

SECTION 2

If any section, subsection, clause, or phrase of this Ordinance is for any reason held to be Unconstitutional or invalid by any court of competent jurisdiction, such decision shall not affect the remaining portions of the Ordinance.

SECTION 3

This Ordinance shall take effect as provided by law.

Motion by Council Member Puglisi, second by Council Member Pomianek, that the ordinance heretofore introduced does now pass on first reading and that said ordinance be further considered for final passage on July 21, 2021, at 7:30 p.m. or as soon thereafter as the matter can be reached by the Mayor and Council and that at such time and place, all persons interested will be given an opportunity to be heard concerning said ordinance and that the Clerk be and she is hereby authorized and directed to publish said ordinance in accordance with law. Upon roll call, all members present voted in the affirmative. Motion carried.

Ordinance #14-2021 (Tabled)

Re: Signs

Motion by Council Member Puglisi, second by Council Member Roscio, that the Clerk read the ordinance by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Mayor reads the Ordinance by title:

**AN ORDINANCE OF THE BOROUGH OF NORTH HALEDON
AMENDING AND SUPPLEMENTING, CHAPTER 600, ARTICLE XII, SIGNS,
OF THE CODE OF THE BOROUGH OF NORTH HALEDON**

After a lively discussion, this ordinance was tabled, and the Borough Attorney was instructed to make some changes to the proposed ordinance so that it can be re-introduced at the July 21st council meeting.

Resolution #96-2020

Re: Adoption / 2021 Municipal Budget

Motion by Council Member Puglisi, second by Council Member Pomianek, that the Clerk read the resolution by title and waive the reading of the ordinance in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following resolution:

BE IT RESOLVED by the Board of Council of the Borough of North Haledon, County of Passaic, that the budget hereinbefore set forth is hereby adopted.

Mayor George stated that the budget had gone up \$400,000, and that the two main drivers were garbage and recycling which had gone up to \$199,000 and the pension which was \$200,000.

Motion by Council Member Pomianek, second by Council Member Roscio, to approve the foregoing resolution. Upon roll call, all members present voted in the affirmative. Motion carried.

RESOLUTION CA#7-2021

Re: Consent Agenda

Motion by Council Member Puglisi, second by Council Member Iacobelli, that the Clerk reads the resolution by title and waive the reading of the resolution in full. Upon roll call, all members present voted in the affirmative. Motion carried.

The Clerk presented the following resolution:

WHEREAS, the Mayor and Board of Council of the Borough of North Haledon have reviewed the Consent Agenda consisting of various proposed resolutions; and

WHEREAS, the Mayor and Board of Council of the Borough of North Haledon are not desirous of removing any resolution for individual action from the agenda; and

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Borough of North Haledon that the following resolutions on the consent agenda are hereby approved and adopted.

1. Renewals / Retail Consumption / Liquor License
2. Renewals / Retail Distribution / Liquor License
3. Library Remittances
4. Acceptance of Proposal / Boswell Engineering / Molly Ann Pumping Station Improvements
5. Award of Contract / NHPD / Tahoe
6. Approval / Receipt of Bids / Tennis Courts Rehabilitation
7. Payment of Bills / Issuance of Checks
8. Appointment / Kevin Toomes / Assistant Foreman
9. Authorization / Execution of Agreement / CWA 1000 / Borough of North Haledon
10. Appointment / PT Dispatcher / Kevin Bernal
11. Appointments / Probationary Firefighters / Dean Brauch / Patrick Licata
12. Approval / Submission / Execution of NJDOT Grant Contract / Overlook Avenue Section 2 Rehabilitation Project.
13. Authorization / Payment / La Forza / Pumping Station Emergency Pipe Repair
14. Award of Contract / NHPD / Ford Explorer
15. Tax Title Lien Redemption / Outside Lien Holder

Motion by Council Member Iacobelli, second by Council Member Puglisi, to approve the foregoing resolution. Upon roll call, all members present voted in the affirmative. Motion carried.

Resolution #97-2021

Re: Renewal / Consumption Licenses

BE IT RESOLVED that the following Plenary Retail Consumption Licenses be renewed as of the 17th day of June 2021, effective the 1st day of July 2021:

PLENARY RETAIL CONSUMPTION LICENSES

The Proposal of Boswell McClave Engineering, dated March 15, 2021 for engineering services in connection with the above is hereby accepted and approved.

Compensation for said services in Task I (NJIB Funding Application - \$15,000), Task 2 (Survey - \$5,000), Task 3 (Final Design - \$180,000), Task 4 (Services During Bidding - \$5,000), Task 5 (Construction Inspection - \$150,000), Task 6 (Agency Coordination - \$5,000) for a total not to exceed \$360,000.

BE IT FURTHER RESOLVED, that funds are available for the aforementioned as evidenced by Certification of Treasurer following.

CERTIFICATION

As required by N.J.S.A. 40A:4-57, N.J.A. 5:34-5.1 et seq. and any other applicable requirement, I, Christopher Battaglia, Chief Financial Officer of the Borough of North Haledon, have ascertained that there are available sufficient uncommitted funds in the item specified in the resolution, in the amount specified below. I further certify that I will encumber these funds upon passage of this resolution.

Account: C-04-21-007-000

Amount: NTE \$360,000.00

Signed: Chris Battaglia, Chief Financial Officer

Resolution #101-2021

Re: Purchase / 2021 Chevrolet Tahoe

BE IT RESOLVED that the Municipal Clerk is hereby authorized to execute a contract with Gentilini Chevrolet, 500 John S Penn Blvd., Woodbine, NJ 08270, for the purchase of one (1) 2021 Chevrolet Tahoe 4WD under New Jersey State Contract G-Gentilini T-2776 – with added equipment at a total amount of \$56,432.07.

BE IT FURTHER RESOLVED that funds are available for the aforementioned as evidenced by Treasurer / CFO certification following.

CERTIFICATION

As required by N.J.S.A. 40A:4-57, N.J.A. 5:34-5.1 et seq. and any other applicable requirement, I, Christopher Battaglia, Chief Financial Officer of the Borough of North Haledon, have ascertained that there are available sufficient uncommitted funds in the item specified in the resolution, in the amount specified below. I further certify that I will encumber these funds upon passage of this resolution.

Account: C-04-21-002-700

Amount: NTE \$56,432.07

Signed: Chris Battaglia, Chief Financial Officer

Resolution #102-2021

Re: Receipt of Bids / Tennis Courts

Resolution #108-2021

**Re: NJDOT Grant Application /
Overlook Avenue Section 2**

BE IT RESOLVED that Council of Borough of North Haledon formally approves the grant application for the above stated project.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to submit an electronic grant application identified as MA-2022-Overlook Avenue Section 2 Rehabilitation 00083 to the New Jersey Department of Transportation on behalf of Borough of North Haledon.

BE IT FURTHER RESOLVED that Mayor and Clerk are hereby authorized to sign the grant agreement on behalf of Borough of North Haledon and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.

Resolution #109-2021

Re: Pumping Station Emergency Repairs

WHEREAS, the Borough of North Haledon was in need of emergency pipe repair at the Molly Ann Pumping Station; and

WHEREAS, La Forza Construction performed the emergency pipe repair and submitted an invoice in the amount of \$44,308.95; and

WHEREAS, The Borough Engineer in a letter dated May 24, 2021, has stated that the work has been completed and he takes no exception to the payment of \$44,308.95;

NOW THEREFORE, BE IT RESOLVED, by the Borough Council of the Borough of North Haledon that payment to La Forza Construction in the amount of \$44,308.95 be authorized; and

BE IT FURTHER RESOLVED, that funds are available for the aforementioned as evidenced by Certification of Treasurer following.

CERTIFICATION

As required by N.J.S.A. 40A:4-57, N.J.A. 5:34-5.1 et seq. and any other applicable requirement, I, Christopher Battaglia, Chief Financial Officer of the Borough of North Haledon, have ascertained that there are available sufficient uncommitted funds in the item specified in the resolution, in the amount specified below. I further certify that I will encumber these funds upon passage of this resolution.

Account: T-11-55-286-015

Amount: NTE \$44,308.95

Signed: Chris Battaglia, Chief Financial Officer

Resolution #110-2021

Re: 2021 Ford Explorer

BE IT RESOLVED that the Municipal Clerk is hereby authorized to execute a contract with Route 23 Ford Automall, 1301 Route 23 South, Butler, NJ 07405, for the purchase of one (1) 2021 Ford Explorer under Morris County Co-Op – with added equipment at a total amount of \$43,658.00.

BE IT FURTHER RESOLVED that funds are available for the aforementioned as evidenced by Treasurer / CFO certification following.

CERTIFICATION

As required by N.J.S.A. 40A:4-57, N.J.A. 5:34-5.1 et seq. and any other applicable requirement, I, Christopher Battaglia, Chief Financial Officer of the Borough of North Haledon, have ascertained that there are available sufficient uncommitted funds in the item specified in the resolution, in the amount specified below. I further certify that I will encumber these funds upon passage of this resolution.

Account: C-04-21-002-700

Amount: NTE \$43,658.00

Signed: Chris Battaglia, Chief Financial Officer

Resolution #111-2021

Re: Lien Redemption / Outside Holder

WHEREAS, the title company for the homeowner of the property located at 4 Split Rock Road, also known as Block 75 Lot 2, came into the Tax Collector’s Office on April 16, 2021 with a check to redeem Tax Title Certificate 16-00006 dated June 29, 2017, and

WHEREAS, the payment was issued to the Borough of North Haledon, and same was deposited in the current account;

NOW, THEREFORE, BE IT RESOLVED that the Treasurer be and she is hereby authorized to issue a check to the following:

Redemption \$115,961.24

Premium \$ 64,000.00

Christiana T C/F CE1/Firstrust
PO Box 5021
Philadelphia, PA 19111-5021

DISCUSSION

Mayor George stated that he had attended an Eagle Scout Court of Honor Ceremony on Saturday, and that the Boy Scouts had helped with the celebration of Flag Day on Monday; he thanked them for keeping the important traditions alive in the Borough. Councilwoman Roscio stated that she had been involved for 13 years, and that it is a great organization for boys.

Councilman Iacobelli stated that the North Haledon Chapter of UNICO sponsors the organization, which emphasizes God, Country, Patriotism and Family, and he congratulated their leaders.

ADJOURNMENT

Motion by Council Member Puglisi, second by Council Member Roscio, to adjourn the meeting. Upon roll call, all members present voted in the affirmative. Motion carried.

Mayor George declared the meeting duly adjourned at 9:36 p.m.

Respectfully Submitted,

Renate Elatab, Municipal Clerk

Approved at Council Meeting of July 21, 2021