

## Agenda Hightstown Borough Council

February 16, 2021  
6:30 PM – Public Session

[www.zoom.com](https://us02web.zoom.us/j/81588242600?pwd=d0RyVmgzdllrZWJveTR2OG1tVUttQT09)

Meeting ID: 815 8824 2600

Passcode: 32PUcQ

<https://us02web.zoom.us/j/81588242600?pwd=d0RyVmgzdllrZWJveTR2OG1tVUttQT09>

(929)205-6099

Meeting ID: 815 8824 2600#

Participant code #

Passcode: 574223#

**PLEASE TURN OFF ALL CELL PHONES** DURING YOUR ATTENDANCE AT THIS MEETING TO AVOID SOUNDS/RINGING OR CONVERSATION THAT MAY INTERFERE WITH THE MEETING OR THE ABILITY OF ATTENDEES TO HEAR THE PROCEEDINGS. THANK YOU FOR YOUR COOPERATION.

Meeting called to order by Mayor Lawrence Quattrone.

*STATEMENT:* Adequate notice of this meeting has been given in accordance with the Open Public Meetings Act, pursuant to Public Law 1975, Chapter 231. Said notice was provided to the *Trenton Times* and the *Windsor-Hights Herald*, and is posted on the Borough's website.

### Roll Call

### Flag Salute

### Approval of the Agenda

#### Minutes

January 19, 2021 – Public Session

January 19, 2021 – Executive Session

February 1, 2021 – Public Session

#### Engineering Items

Improvements to Railroad Avenue and Dye Street

Improvements to Hausser Avenue, Bennett Place and Prospect Drive

**2021-037** Awarding a Contract for Lagoon Liner Replacement – Water Treatment Plant

**2021-038** Awarding a Contract for Improvements to Stockton Street (C.R. 571) and Joseph Street – Earle Asphalt Company

**2021-039** Authorizing Payment No. 6 – S&G Paving Construction (Improvements to Lincoln Avenue, Hagemount Avenue and Rocky Brook Court)

#### Public Comment

Any person wishing to address Council with his or her comments will have a maximum of three minutes to do so at this time.

#### Ordinances

**Ordinance 2021-01 Public Hearing and Final Reading** An Ordinance Amending Chapter 25 “Stormwater Control” of the Revised General Ordinances of the Borough of Hightstown

#### Resolutions

**2021-040** Authorizing Payment of Bills

- 2021-041** Awarding a Contract for Redevelopment Area Circulation Study – NV5
- 2021-042** Resolution in Support of H.R. 946 – The Stop the Attack Local Taxpayers Act
- 2021-043** Amending Resolution 2020-236 Awarding a Contract for Calcium Hydroxide (Hydrated Lime) – George S. Coyne Chemical Co., Inc.
- 2021-044** A Resolution Opposing ACS 1571 & 1576 Which Imposes Prevailing Wage for Public Work on Properties Receiving Tax Abatements or Exemptions

**New Business**

RISE – Cardboard Pickup

**Old Business**

Undersized Lot Ordinance (11/02/2020)

**Subcommittee Reports****Mayor/Council/Administrative Reports****Adjournment**

**Meeting Minutes  
Hightstown Borough Council  
January 19, 2021  
6:30 p.m.**

The meeting was called to order by Council President Bluth at 6:34 p.m. and she read the Open Public Meetings Act statement which stated, "Adequate notice of this meeting has been given in accordance with the Open Public Meetings Act, pursuant to Public Law 1975, Chapter 231. Said notice was sent to the *Trenton Times* and the *Windsor-Hights Herald*, and is posted on the Borough website." Do to COVID-19 and self-distancing protocols, this meeting was held remotely through [www.zoom.com](http://www.zoom.com).

The flag salute followed Roll Call.

|                               | PRESENT | ABSENT |
|-------------------------------|---------|--------|
| <i>Councilmember Bluth</i>    | ✓       |        |
| <i>Councilmember Cicalese</i> | ✓       |        |
| <i>Councilmember Fowler</i>   | ✓       |        |
| <i>Councilmember Jackson</i>  | ✓       |        |
| <i>Councilmember Misiura</i>  | ✓       |        |
| <i>Councilmember Musing</i>   | ✓       |        |
| <i>Mayor Quattrone</i>        |         | ✓      |

Also in attendance: Margaret (Peggy) Riggio, Deputy Borough Clerk; Debra Sopronyi Borough Clerk/Administrator; George Lang, CFO and Fred Raffetto, Borough Attorney.

The Flag Salute followed roll call.

### **APPROVAL OF AGENDA**

Moved by Councilmember Musing; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Agenda approved 6-0.

### **APPROVAL OF MINUTES**

#### **December 7, 2020 – Public Session**

Moved by Councilmember Misiura; Seconded by Councilmember Cicalese.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved 6-0.

**December 7, 2020 – Executive Session**

Moved by Councilmember Cicalese; Seconded by Councilmember Jackson.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved 6-0.

**December 21, 2020 – Executive Session**

Moved by Councilmember Cicalese; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved 6-0.

**December 21, 2020 – Public Session**

Moved by Councilmember Misiura; Seconded by Councilmember Cicalese.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved 6-0.

**PUBLIC COMMENT**

Council President Bluth opened the public comment period and the following individuals spoke:

There being no one coming forward, Council President Bluth closed the public comment period.

**RESOLUTIONS**

**Resolution 2021-029 Authorizing Payment of Bills**

Moved by Councilmember Musing; Seconded by Councilmember Jackson.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson and Musing voted yes. Councilmember Misiura abstained.

Resolution adopted 5-0 with 1 abstention.

Resolution 2021-029

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

**AUTHORIZING PAYMENT OF BILLS**

**WHEREAS**, certain bills are due and payable as per itemized claims listed on the following schedules, which are made a part of the minutes of this meeting as a supplemental record;

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the bills be paid on audit and approval of the Borough Administrator, the appropriate Department Head and the Treasurer in the amount of \$398,306.47 from the following accounts:

|                       |  |                     |
|-----------------------|--|---------------------|
| Current               |  | \$158,982.94        |
| W/S Operating         |  | 75,945.64           |
| General Capital       |  | 95,243.13           |
| Water/Sewer Capital   |  | 14,025.57           |
| Grant                 |  | 1,674.00            |
| Trust                 |  | 1,914.04            |
| Housing Trust         |  | 0.00                |
| Animal Control        |  | 4.20                |
| Law Enforcement Trust |  | 0.00                |
| Tax Lien Trust        |  | 46,878.45           |
| Public Defender Trust |  | 0.00                |
| Escrow                |  | <u>3,638.50</u>     |
|                       |  |                     |
| Total                 |  | <u>\$398,306.47</u> |

**Resolution 2021-030 Authorizing a Shared Services Agreement with Robbinsville Township for Automotive Repair Services**

Moved by Councilmember Musing; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolution adopted 6-0.

Resolution 2021-030  
*BOROUGH OF HIGHTSTOWN*  
*COUNTY OF MERCER*  
*STATE OF NEW JERSEY*

**AUTHORIZING A SHARED SERVICES AGREEMENT WITH ROBBINSVILLE TOWNSHIP  
FOR AUTOMOTIVE REPAIR SERVICES**

**WHEREAS**, with the adoption of Resolution 2008-35 on January 7, 2008, the Borough Council approved an Interlocal Service Agreement with Robbinsville Township for the provision of Automotive Repair Services, which has been renewed with the last renewal ending December 31, 2020; and

**WHEREAS**, the parties desire to enter into a successor Shared Services Agreement to continue the provision of these services to the Borough by Robbinsville for a one-year period, January 1, 2021 through December 31, 2021;

and

**WHEREAS**, the Uniform Shared Services and Consolidation Act, N.J.S.A. 40:65-1 et seq. authorizes the approval of Shared Services Agreements by Resolution; and

**WHEREAS**, funds for this expenditure will be made available in the 2021 budget; and

**NOW, THEREFORE, BE AND IT IS HEREBY RESOLVED**, by the Borough Council of the Borough of Hightstown, in the County of Mercer and State of New Jersey, as follows:

1. That the Borough Administrator is hereby authorized to execute and the Deputy Borough Clerk to attest the Shared Services Agreement on behalf of Hightstown.
2. That, in accordance with the aforementioned agreement, Hightstown hereby designates Frank Gendron, Police Chief, or his appointee, to schedule and be responsible for all repairs to police vehicles and Ken Lewis, Superintendent of Public Works, to schedule and be responsible for all repairs to all other Borough-owned vehicles.
3. That, in accordance with the aforementioned agreement, no repair in excess of \$350 shall be made by Robbinsville unless specifically authorized by the designated Hightstown Borough Representative.
4. That the continuation of this agreement is contingent upon the availability of adequate funding in the Borough's 2021 budget.

**Resolution 2021-031 Authorizing a Renewed Shared Services Agreement with Mercer County for EMS Dispatch Services**

Moved by Councilmember Fowler; Seconded by Councilmember Jackson.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolution adopted 6-0.

Resolution 2021-031  
*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

**AUTHORIZING A RENEWED SHARED SERVICES AGREEMENT WITH MERCER  
COUNTY FOR EMS DISPATCH SERVICES**

**WHEREAS**, with the adoption of Resolution 2014-126 on June 2, 2014, the Borough Council approved a Shared Services Agreement with Mercer County for Emergency Medical Dispatch Services for the period of July 1, 2014 to December 31, 2016; and

**WHEREAS**, Hightstown Borough has entered into successor agreements annually since the inception of the original agreement; and

**WHEREAS**, the parties desire to enter into a successor agreement to continue the provision of Emergency Medical Dispatch Services to the Borough by Mercer County for a one-year period, January 1, 2021 through December 31, 2021; and

**WHEREAS**, the Uniform Shared Services and Consolidation Act, N.J.S.A. 40:65-1 et seq. authorizes the approval of Shared Services Agreements by Resolution; and

**WHEREAS**, the Mayor and Council have reviewed the proposed Shared Services Agreement for Emergency Medical Dispatch Services for the period January 1, 2021 through December 31, 2021; and

**WHEREAS**, the Borough's net share of costs for these services, by the terms of this agreement, for the period January 1, 2021 through December 31, 2021 will be Four Thousand Seven Hundred Dollars (\$4,700.00) for this 12-month period; and

**WHEREAS**, additional terms of said Services shall be established in a shared services agreement signed by Mercer County and Hightstown Borough; and

**WHEREAS**, it is the intention of the Mayor and Council to provide adequate funding for this expenditure in the 2021 budget.

**NOW, THEREFORE BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown:

1. The Borough Administrator and Deputy Municipal Clerk are hereby authorized to execute a shared services agreement for EMS Dispatch Services as stated herein.
2. This agreement is approved subject to the provision of adequate funds in the Borough's 2021 budget.

### **CONSENT AGENDA**

Councilmember Cicalese moved Resolutions 2021-032 and 2021-033 as a Consent Agenda; Councilmember Fowler seconded.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolutions adopted 6-0.

Resolution 2021-032

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

### **AUTHORIZING RELEASE OF ESCROW FUNDS EAST WINSOR HI-TECH ASSOCIATES, LLC (BLOCK 48; LOT 25)**

**WHEREAS**, in 2006, East Windsor Hi-Tech Associates, LLC deposited escrow funds to construct flex warehouse space at Block 48, Lot 25; and

**WHEREAS**, East Windsor Hi-Tech Associates, LLC have requested that the escrow funds on deposit with the Borough for Block 48, Lot 25 be released; and

**WHEREAS**, because of the downturn in the economy, the warehouse was never built, and all approvals have lapsed; and

**WHEREAS**, The Borough has determined that there are no outstanding invoices for this project.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the Finance Office is authorized and directed to release the all escrow funds on deposit with the Borough for the project at Block 48; Lot 25 to East Windsor Hi-Tech Associates, LLC, 451 Saddle Back Trail, Franklin

Lakes, NJ 07417.

A certified copy of this Resolution shall be provided to the following:

- a. East Windsor Hi-Tech Associates, LLC
- b. Mickie O'Connor, Hightstown Borough Finance
- c. Sandy Belan, Planning Board Secretary

Resolution 2021-033

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

**AUTHORIZATION TO EXECUTE NJDEP, DIVISION OF WATER QUALITY  
STATEMENT OF CONSENT FOR IMPROVEMENTS TO SPRINGCREST DRIVE,  
TAYLOR AVENUE, SPRUCE COURT, GLEN DRIVE AND SCHUYLER AVENUE**

**WHEREAS**, Hightstown Borough has received a grant from NJDOT for Improvements to Springcrest Drive, Taylor Avenue, Spruce Court, Glen Drive and Schuyler Avenue; and

**WHEREAS**, as part of the project, it is required that a Statement of Consent (form WGM-003) issued by the NJDEP, be signed by an authorized representative of Borough.

**NOW THEREFORE BE IT RESOLVED** that the Borough Administrator is hereby authorized to sign the Statements of Consent (Form WGM-003) on behalf of the Borough of Hightstown as require by NJDEP.

**SUBCOMMITTEE REPORTS**

**Councilmember Bluth**

Updated Council on the Ordinance Review Subcommittee. They are currently reviewing Court fines. They met for the first-time last week to review the current ordinance and fees. They will be meeting again next week.

**MAYOR/COUNCIL/ADMINISTRATIVE REPORTS**

**Councilmember Fowler**

Downtown Hightstown - The QR code signs have been installed downtown. The businesses are preparing for *Fall in Love with Hightstown* February 12th - February 15th. This will be a Hop n Shop where there will be specials all weekend at participating stores and restaurants. One Yoga will be renewing wedding vows. Fundraising for flower baskets has begun. It is the hope that the baskets will be installed by May.

**Councilmember Jackson**

HPC will be meeting this Thursday.

**Councilmember Cicalese**

Board of Health – has not had their Reorg meeting yet. The Health Department has been dedicated to rolling out the vaccine.

Parks and Rec – met last week. They are beginning to move forward with the Dawes Park Project.

### **Councilmember Misiura**

First Aid - meets tomorrow. He will be swearing in new members.

### **Councilmember Musing**

Police Department – Will be meeting with Chief Gendron on Monday to get up to speed with the Police Department.

He is happy that Councilmember Jackson is the new liaison to HPC. They are a great group to work with.

### **Council President Bluth**

Cultural Arts Commission – has received a letter from letter from Mercer County Cultural and Heritage Commission informing them that they have received a Grant for \$4,000. *Hightstown's Got Talent* will be held virtual virtually. There will be further information on the website.

Fire Department – swore in new officers. She was extremely impressed how their meeting has done. She was honored to swear them in.

COVID Update – Had a meeting with Mercer County Mayor's and Mercer County Executive regarding the Covid vaccine. There will be facilities in Mercer County offering the vaccine. The CURE Auto Arena and Mercer County College will have sites open soon. There is a link on our website to sign up with the State for the vaccine. The State will be setting up a call center number for anyone who does not have online access can call.

## **EXECUTIVE SESSION**

### **Resolution 2021-034 Authorizing a Meeting that Excludes the Public**

Moved by Councilmember Cicalese; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolution adopted 6-0.

Resolution 2021-034

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

### **AUTHORIZING A MEETING WHICH EXCLUDES THE PUBLIC**

**BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that this body will hold a meeting on January 19, 2021, via [www.zoom.com](http://www.zoom.com), that will be limited only to consideration of an item or items with respect to which the public may be excluded pursuant to section 7b of the Open Public Meetings Act.

The general nature of the subject or subjects to be discussed:

Contract Negotiations – PRC Group – City Line at Hightstown

Attorney Client Privilege

Stated as precisely as presently possible the following is the time when and the circumstances under which the discussion conducted at said meeting can be disclosed to the public April 19, 2021, or when the need for confidentiality no longer exists.

The public is excluded from said meeting, and further notice is dispensed with, all in accordance with sections 8 and 4a of the Open Public Meetings Act.

Councilmember Jackson moved to adjourn to Executive Session at 7:06 p.m.; Councilmember Misiura seconded. All ayes.

Council reconvened into the Public Session at 8:35 p.m.

#### **ADJOURNMENT**

Councilmember Cicalese moved to adjourn at 8:36 p.m.; Councilmember Misiura seconded. All ayes.

Respectfully Submitted,

Margaret M. Riggio  
Deputy Borough Clerk

**Meeting Minutes  
Hightstown Borough Council  
February 1, 2021  
6:30 p.m.**

The meeting was called to order by Council President Bluth at 6:33 p.m. and she read the Open Public Meetings Act statement which stated, “Adequate notice of this meeting has been given in accordance with the Open Public Meetings Act, pursuant to Public Law 1975, Chapter 231. Said notice was sent to the *Trenton Times* and the *Windsor-Hights Herald*, and is posted on the Borough website.” Do to COVID-19 and self-distancing protocols, this meeting was held remotely through [www.zoom.com](http://www.zoom.com).

The flag salute followed Roll Call.

|                               | PRESENT | ABSENT |
|-------------------------------|---------|--------|
| <i>Councilmember Bluth</i>    | ✓       |        |
| <i>Councilmember Cicalese</i> | ✓       |        |
| <i>Councilmember Fowler</i>   | ✓       |        |
| <i>Councilmember Jackson</i>  | ✓       |        |
| <i>Councilmember Misiura</i>  | ✓       |        |
| <i>Councilmember Musing</i>   | ✓       |        |
| <i>Mayor Quattrone</i>        | ✓       |        |

Also in attendance: Margaret (Peggy) Riggio, Deputy Borough Clerk; Debra Sopronyi Borough Clerk/Administrator; Carmela Roberts, Borough Engineer and Fred Raffetto, Borough Attorney.

The Flag Salute followed roll call.

### **APPROVAL OF AGENDA**

Moved by Councilmember Cicalese; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Agenda approved 6-0.

### **APPROVAL OF MINUTES**

#### **December 29, 2020 – Special Meeting**

Moved by Councilmember Misiura; Seconded by Councilmember Musing.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved 6-0.

#### **January 4, 2021 – Reorg Meeting**

Councilmember Jackson stated that his name is missing from the Roll Call Vote for Resolution 2021-01. Deputy Clerk, Peggy Riggio, stated that this will be corrected.

Minutes moved as amended by Councilmember Jackson; Seconded by Councilmember Musing.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Minutes approved as amended 6-0.

### **ENGINEERING ITEMS**

#### **Resolution 2021-035 Authorizing Payment #6 Final and Change Order #3 Final – Reivax Contracting (Stockton Street Water Main Replacement)**

Moved by Councilmember Fowler; Seconded by Councilmember Cicalese.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolution adopted 6-0.

Resolution 2021-035

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

#### **AUTHORIZING PAYMENT #6 FINAL AND CHANGE ORDER #3 FINAL – REIVAX CONTRACTING (STOCKTON STREET WATER MAIN REPLACEMENT)**

**WHEREAS**, on April 24, 2019, the Borough Council awarded a contract for the Stockton Street Water Main Replacement project (the “project”) to Reivax Contracting of Newark, New Jersey (the “contractor”) at the price of \$933,750.00; and

**WHEREAS**, the contractor has submitted Change Order #3 Final which adjusts the contract for the project to reflect as-built quantities and includes a credit to the Borough in the amount of \$7,500 for granite curb replacement on Stockton Street and police traffic control relating thereto, and which extends the contract duration by 209 calendar days to October 8, 2020; and

**WHEREAS**, the overall Change Order reduces the final contract amount by \$241,944.14 (-25.9%) to a total contract amount of \$691,925.79; and

**WHEREAS**, the contractor has submitted Payment Request #6 Final in the amount of \$52,029.46; and

**WHEREAS**, the contractor has submitted all documents that are required to close out the project, including a Maintenance Bond, Environmental Maintenance Bond and Release(s) in favor of the Borough, which documents have been reviewed and approved by the Borough Engineer and the Borough Attorney; and

**WHEREAS**, the Borough Engineer has recommended approval of Change Order #3 Final; and

**WHEREAS**, the Borough Engineer has recommended approval of Payment Request #6 Final to the contractor in the amount of \$52,029.46; and

**WHEREAS**, the CFO has certified that funds are available for this expenditure.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that Change Order #3 Final and Payment Request #6 Final to Reivax Contracting of Newark, New Jersey for \$52,019.46, is hereby approved as detailed herein, and the CFO is authorized to issue same, which will close out the project.

### **PUBLIC COMMENT I**

Council President Bluth opened the public comment period and the following individuals spoke:

There being no one coming forward, Council President Bluth closed the public comment period.

### **ORDINANCES**

#### **Ordinance 2021-01 First Reading and Introduction An Ordinance Amending Chapter 25 “Stormwater Control” of the Revised General Ordinances of the Borough of Hightstown**

Borough Engineer, Carmela Roberts, reviewed the ordinance changes and why it is necessary to update the ordinance. After adoption, the Borough will be in compliance with State regulations which will go into effect in March of this year.

Moved for introduction by Councilmember Jackson; Seconded by Councilmember Musing.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Ordinance introduced 6-0. Public Hearing is scheduled for February 16, 2021.

ORDINANCE 2021-01

BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY

#### **AN ORDINANCE AMENDING CHAPTER 25, “STORMWATER CONTROL” OF THE REVISED GENERAL ORDINANCES OF THE BOROUGH OF HIGHTSTOWN**

**WHEREAS**, the Borough of Hightstown maintains a Tier A MS4 New Jersey Pollutant Discharge Elimination System (NJPDES) Stormwater Permit; and

**WHEREAS**, The New Jersey Department of Environmental Protection amended the Stormwater Management rules at NJAC 7:8 which requires the Borough to update its Stormwater Control Ordinance in order to stay in compliance with the Borough’s NJPDES Stormwater Permit.

**NOW, THEREFORE, BE AND IT IS HEREBY ORDAINED**, by the Mayor and the Borough Council of the Borough of Hightstown, in the County of Mercer and State of New Jersey, as follows:

Section 1. Chapter 25 “Stormwater Control” of the Revised General Ordinances of the Borough of

Hightstown is hereby amended in its entirety as follows:

## **CHAPTER 25 STORMWATER CONTROL**

### **Subsections:**

- 25-1. Scope and Purpose**
- 25-2. Definitions**
- 25-3. Design and Performance Standards for Stormwater Management Measures**
- 25-4. Stormwater Management Requirements for Major Development**
- 25-5. Calculation of Stormwater Runoff and Groundwater Recharge**
- 25-6. Sources for Technical Guidance**
- 25-7. Solids and Floatable Materials Control Standards**
- 25-8. Safety Standards for Stormwater Management Basins**
- 25-9. Requirements for a Site Development Stormwater Plan**
- 25-10. Maintenance and Repair**
- 25-11. Penalties**
- 25-12. Severability**
- 25-13. Effective Date**

### **25-1. 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 Section 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 Hightstown.
3. This ordinance shall also apply to any Borough issued Zoning Permits which are not covered under items 1 and 2 above. The Zoning Officer shall provide a copy of all applications for Zoning Permits issued in accordance with this section to the Borough’s Environmental Commission for review and recommendation.

#### 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.

### 25-2. 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:

A county planning agency or

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

“Department” means the Department of Environmental Protection.

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

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

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

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

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

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

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

“Environmentally critical area” means an area or feature which is of significant environmental value, including but not limited to: stream corridors, natural heritage priority sites, habitats of endangered or threatened species, large areas of contiguous open space or upland forest, steep slopes, and well head protection and

groundwater recharge areas. Habitats of endangered or threatened species are identified using the Department's Landscape Project as approved by the Department's Endangered and Nongame Species Program.

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

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

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

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

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

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

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

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

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

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of "regulated impervious surface" since February 2, 2004;
3. The creation of one-quarter acre or more of "regulated motor vehicle surface" since March 2, 2021 {or the effective date of this ordinance, whichever is earlier}; 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."

*NOTE: The definition of major development above aligns with the definition at N.J.A.C. 7:8-1.2 and is recommended for consistency. Alternatively, a municipality may adopt the following definition, which is the minimum standard required. Municipalities that have already adopted the definition at N.J.A.C. 7:8-1.2 or another definition that goes beyond the minimum requirement should not reduce the stringency of their definition by adopting the minimum standard.*

*"Major development" means an individual "development," as well as multiple developments that*

*individually or collectively result in the disturbance of one or more acres of land since February 2, 2004.*

*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 result in the disturbance of one or more acres of land since February 2, 2004. 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."*

*Additionally, individual municipalities may define major development with a smaller area of disturbance, a smaller area of regulated impervious or motor vehicle surface, or both.*

"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 the Borough of Hightstown.

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

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

"Nutrient" 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.

### **25-3. 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.

*Note: Alternative standards shall provide at least as much protection from stormwater-related loss of groundwater recharge, stormwater quantity and water quality impacts of major development projects as would be provided under the standards in N.J.A.C. 7:8-5.*

#### **25-4. 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 Section 25-10.

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 Section 25-4.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 Section 25-4.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 Section 25-4.O, P, Q and R to the maximum extent practicable;
3. The applicant demonstrates that, in order to meet the requirements of Section 25-4.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 Section 25-4.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Section 25-4.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 Section 25-4.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](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.

| <b>Table 1</b><br><b>Green Infrastructure BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity</b> |                                                       |                                   |                             |                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------|-----------------------------|-----------------------------------------------------------------|
| <b>Best Management Practice</b>                                                                                                           | <b>Stormwater Runoff Quality<br/>TSS Removal Rate</b> | <b>Stormwater Runoff Quantity</b> | <b>Groundwater Recharge</b> | <b>Minimum Separation from Seasonal High Water Table (feet)</b> |
|                                                                                                                                           |                                                       |                                   |                             |                                                                 |
|                                                                                                                                           |                                                       |                                   |                             |                                                                 |
| Grass Swale                                                                                                                               | 50 or less                                            | No                                | No                          | 2 <sup>(e)</sup>                                                |
|                                                                                                                                           |                                                       |                                   |                             |                                                                 |
| Manufactured Treatment                                                                                                                    |                                                       |                                   |                             | Dependent upon the device                                       |
| Pervious Paving                                                                                                                           |                                                       |                                   | Yes <sup>(b)</sup>          | 2 <sup>(b)</sup>                                                |
| Small-Scale Bioretention                                                                                                                  |                                                       |                                   | Yes <sup>(b)</sup>          | 2 <sup>(b)</sup>                                                |
| Small-Scale Infiltration                                                                                                                  |                                                       |                                   |                             |                                                                 |
| Small-Scale                                                                                                                               | 80                                                    | Yes                               | Yes                         | 2                                                               |
| Vegetative                                                                                                                                | 60-80                                                 | No                                | No                          | --                                                              |

*(Notes corresponding to annotations (a) through (g) are found below Table 3)*

| <b>Table 2</b><br><b>Green Infrastructure BMPs for Stormwater Runoff Quantity</b><br><b>(or for Groundwater Recharge and/or Stormwater Runoff Quality)</b> |                                                       |                          |                             |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------|-----------------------------|-----------------------------------------------------------------|
| <b>Best Management Practice</b>                                                                                                                            | <b>Stormwater Runoff Quality<br/>TSS Removal Rate</b> | <b>Stormwater Runoff</b> | <b>Groundwater Recharge</b> | <b>Minimum Separation from Seasonal High Water Table (feet)</b> |
| Bioretention                                                                                                                                               | 80 or 90                                              | Yes                      | Yes <sup>(b)</sup>          | 2 <sup>(b)</sup>                                                |
| Infiltration Basin                                                                                                                                         | 80                                                    | Yes                      | Yes                         | 2                                                               |
|                                                                                                                                                            |                                                       |                          |                             |                                                                 |
| Standard Constructed                                                                                                                                       | 90                                                    | Yes                      | No                          | N/A                                                             |
|                                                                                                                                                            |                                                       |                          |                             |                                                                 |

*(Notes corresponding to annotations (b) through (d) are found below Table 3)*

| <b>Table 3</b><br><b>BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity</b> |                                                       |                          |                             |                                                                 |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------|-----------------------------|-----------------------------------------------------------------|
| <b>Best Management Practice</b>                                                                                      | <b>Stormwater Runoff Quality<br/>TSS Removal Rate</b> | <b>Stormwater Runoff</b> | <b>Groundwater Recharge</b> | <b>Minimum Separation from Seasonal High Water Table (feet)</b> |
|                                                                                                                      |                                                       |                          |                             |                                                                 |
| Extended Detention Basin                                                                                             | 40-60                                                 | Yes                      | No                          | 1                                                               |
| Manufactured Treatment                                                                                               |                                                       |                          |                             | Dependent                                                       |
|                                                                                                                      |                                                       |                          |                             |                                                                 |
| Subsurface Gravel Wetland                                                                                            |                                                       |                          |                             |                                                                 |
|                                                                                                                      |                                                       |                          |                             |                                                                 |

Notes to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at Section 25-4.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 Section II;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at Section II.

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 Section 25-6.B. Alternative stormwater management measures may be used to satisfy the requirements at Section 25-4.O only if the measures meet the definition of green infrastructure at Section 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 Section 25-4.D is granted from Section 25-4.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 Section 25-8.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 Section VIII; and
5. The size of the orifice at the intake to the outlet from the stormwater management BMP shall be a minimum of two and one-half inches in diameter.

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 Section II

may be used only under the circumstances described at Section 25-4.O.4.

K. Any application for a new agricultural development that meets the definition of major development at Section 25-2 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Sections 25-4.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 Section 25-4.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 Mercer County's Office of the County Clerk. A form of deed notice shall be submitted to the municipality for approval prior to filing. The deed notice shall contain a description of the stormwater management measure(s) used to meet the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 25-4.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 Section 25-10.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 Section 25-4 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 Mercer County's Office of the County Clerk and shall contain a description and location of the stormwater management measure, as well as reference to the maintenance plan, in accordance with M above. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality in accordance with M above.

#### O. Green Infrastructure Standards

1. This subsection specifies the types of green infrastructure BMPs that may be used to satisfy the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards.
2. To satisfy the groundwater recharge and stormwater runoff quality standards at Section 25-4.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section 25-4.F. and/or an alternative stormwater management measure approved in accordance with Section IV.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

| Best Management Practice | Maximum Contributory Drainage Area |
|--------------------------|------------------------------------|
|--------------------------|------------------------------------|

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

3. To satisfy the stormwater runoff quantity standards at Section 25-4.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 Section 25-4.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 Section 25-4.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 Section 25-4.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 25-4.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 Section 25-4.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Section 25-4.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 Section 25-5, either:
  - a. 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
  - b. 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:
  - a. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored; areas where hazardous materials are expected to be present in greater than “reportable quantities” as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4; areas where recharge would be inconsistent with Department approved remedial action work plan or landfill closure plan and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and
  - b. 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:
  - a. 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.
  - b. 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<br>(Minutes) | Cumulative<br>Rainfall<br>(Inches) | Time<br>(Minutes) | Cumulative<br>Rainfall<br>(Inches) | Time<br>(Minutes) | Cumulative<br>Rainfall<br>(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,

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

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in Section 25-4.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 Section 25-5, complete one of the following:
  - a. 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;
  - b. 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;

- c. 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
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.

## 25-5. 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:
  - a. 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](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

- b. 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 Section 25-5.A.1.i and the Rational and Modified Rational Methods at Section 25-5.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.

## **25-6. 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](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](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.

## **25-7. Solids and Floatable Materials Control Standards**

A. Site design features identified under Section 25-4.F above, or alternative designs in accordance with Section 25-4.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 Section 25-7.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:
  - a. 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
  - b. 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.

- c. 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:
  - a. 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;
  - b. 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;
  - c. 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:
    - i. 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
    - ii. 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).

- d. 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
- e. 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.

## **25-8. 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 Section 25-8.C.1, 25-8.C.2, and 25-8.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:
  - a. The trash rack shall have parallel bars, with no greater than six-inch spacing between the bars;
  - b. The trash rack shall be designed so as not to adversely affect the hydraulic performance of the outlet pipe or structure;
  - c. 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
  - d. 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:
  - a. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
  - b. The overflow grate spacing shall be no less than two inches across the smallest dimension.
  - c. 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:
  - a. 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 25-8.C, a free-standing outlet structure may be exempted from this requirement;

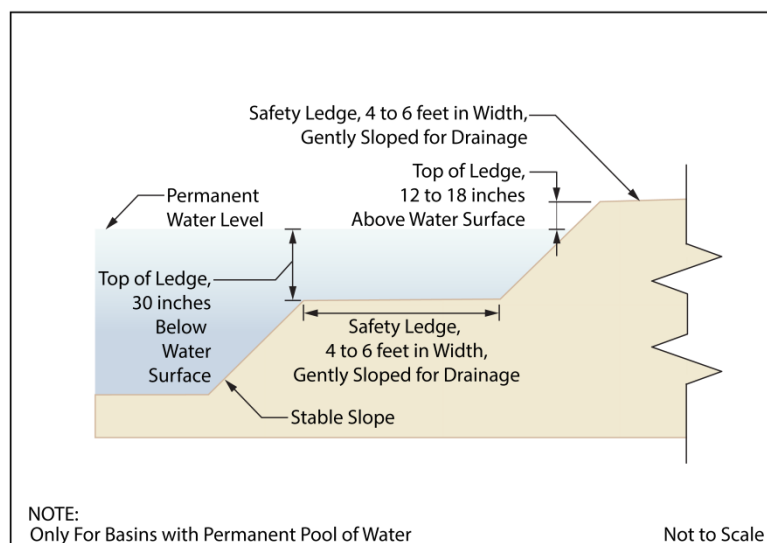
- b. Safety ledges shall be constructed on the slopes of all new stormwater management BMPs having a permanent pool of water deeper than two and one-half feet. Safety ledges shall be comprised of two steps. Each step shall be four to six feet in width. One step shall be located approximately two and 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 25-8.E for an illustration of safety ledges in a stormwater management BMP; and
- c. 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



### 25-9. 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 Section 25-9.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 16 copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 25-9.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 Sections 25-3 through 25-5 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:

- a. 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.
- b. 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

- a. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in Section 25-4 of this ordinance.
- b. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

#### 7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of Section 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 Section 25-9.C.1 through 25-9.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.

### **25-10. Maintenance and Repair**

#### A. Applicability

Projects subject to review as in Section 25-1.C of this ordinance shall comply with the requirements of Section 25-10.B and 25-10.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 Section 25-10.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section 25-10.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 Section 25-10.B.3 above shall perform all of the following requirements:
  - a. 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;
  - b. evaluate the effectiveness of the maintenance plan at least once per year and adjust the plan and the deed as needed; and
  - c. retain and make available, upon request by any public entity with administrative, health, environmental, or safety authority over the site, the maintenance plan and the documentation required by Section 25-10.B.6 and B.7 above.
8. The requirements of Section 25-10.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.

Note: It may be appropriate to delete requirements in the maintenance and repair plan that are not applicable if the ordinance requires the facility to be dedicated to the municipality. If the municipality does not want to take this responsibility, the ordinance should require the posting of a two-year maintenance guarantee in accordance with N.J.S.A. 40:55D-53. Maintenance and inspection guidance can be found on the Department's website at:

[https://www.njstormwater.org/maintenance\\_guidance.htm](https://www.njstormwater.org/maintenance_guidance.htm).

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.
10. The owner of a private stormwater facility is required to inspect the facility after each major storm event and perform any maintenance and/or repairs that may be required, in addition to routine mowing and removal and disposal of accumulated debris from the facility. The owner shall file a report with the Borough annually which provides its inspection dates (which shall be performed quarterly) and any action(s) taken to rectify any condition(s) found. The Borough shall inspect the facility once per year at the cost of \$100.00 to the property owner. The Borough shall also maintain a log and map to demonstrate compliance with maintenance requirements and shall document any actions taken by the Borough to enforce compliance. If inspection reveals that maintenance has not been maintained by the owner of the stormwater facility, then the Borough Official will issue an order to correct the deficiency within 30 days. If the deficiency is not corrected within 30 days, the Borough will correct the deficiency and recover the cost under the Property Maintenance Section of the Borough Code (Section 14-12). The Borough, in its discretion, may extend the time allowed for effecting maintenance and repair for good cause as approved by the Borough Engineer or his/her designee.

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.

#### **25-11. Penalties**

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

*Chapter 1, Section 5 of the Revised General Ordinances of the Borough of Hightstown.*

#### **25-12. Severability**

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

Section 2. In the event that any portion of this Ordinance is found to be invalid for any reason by any Court of competent jurisdiction, such judgment shall be limited in its effect only to that portion of the Ordinance actually adjudged to be invalid, and the remaining portions of this Ordinance shall be deemed severable therefrom and shall not be affected.

Section 3. All other Ordinances or parts of Ordinances inconsistent herewith are hereby repealed to the extent of such inconsistency.

Section 4. This Ordinance shall become effective upon final passage and publication in accordance with the law.

### **RESOLUTIONS**

### **Resolution 2021-036 Authorizing Payment of Bills**

Moved by Councilmember Cicalese; Seconded by Councilmember Fowler.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Resolution adopted 6-0.

Resolution 2021-036

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

### **AUTHORIZING PAYMENT OF BILLS**

**WHEREAS**, certain bills are due and payable as per itemized claims listed on the following schedules, which are made a part of the minutes of this meeting as a supplemental record;

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the bills be paid on audit and approval of the Borough Administrator, the appropriate Department Head and the Treasurer in the amount of \$895,819.69 from the following accounts:

|                       |  |                     |
|-----------------------|--|---------------------|
| Current               |  | \$829,505.61        |
| W/S Operating         |  | 57,744.32           |
| General Capital       |  | 0.00                |
| Water/Sewer Capital   |  | 0.00                |
| Grant                 |  | 0.00                |
| Trust                 |  | 7,659.63            |
| Unemployment Trust    |  | 317.43              |
| Animal Control        |  | 4.20                |
| Law Enforcement Trust |  | 0.00                |
| Tax Lien Trust        |  | 0.00                |
| Public Defender Trust |  | 0.00                |
| Escrow                |  | <u>588.50</u>       |
|                       |  |                     |
| Total                 |  | <u>\$895,819.69</u> |

### **NEW BUSINESS**

#### **Update to Permit and Zoning Fees**

Zoning Official, George Chin, explained that he researched neighboring towns for their permit and zoning fees and adjusted our fees accordingly. Borough Administrator, Debra Sopronyi, explained that the Borough Auditor suggested that our fees be raised as they were very low in comparison to municipalities throughout the State.

Discussion ensued. Councilmember Misiura questioned the language in subsection 12-2-7 regarding covering the expenses of the department. Mr. Chin explained that because Hightstown is mostly residential, it is difficult to cover the cost of running the department. Ms. Sopronyi stated that to raise the residential permit fees to cover the cost of the department is not feasible. Ms. Sopronyi suggested that the CFO compile a report showing the increase needed in fees to cover the cost of running the department. During further discussion, Council requested that the Zoning Officer prepare a report showing which permits were pulled during prior years. Council would like both the permit report and financial report brought back to a future meeting before a decision is made on the fee increases.

### **Proposed Revisions to Generator Ordinance**

Zoning Official, George Chin, stated that he has been receiving requests for generators in R4 zones. R4 lots are the smallest lots in the Borough. Under the current Zoning Ordinance residents cannot place generators in the side yard and the back yards are small. Mr. Chin has is also receiving requests from Enchantment residents, which is an AA zone. Generators are not allowed in AA zones. He has also received requests from businesses for generators to help save their inventory during a power outage. Mr. Chin is proposing that a 6-foot fence be put around the generator so noise will go up instead of out. This will only apply to permanently installed generators. Discussion ensued. Council believes this was a well thought out change to the ordinance. Since this is a zoning ordinance, it will be referred to the Planning Board for their comments.

Councilmember Fowler moved to refer the revisions to the Generator Ordinance to the Planning Board; Councilmember Musing seconded.

Roll Call Vote: Councilmembers Bluth, Cicalese, Fowler, Jackson, Misiura and Musing voted yes.

Revisions to the Generator Ordinance be referred to the Planning Board 6-0.

## **SUBCOMMITTEE REPORTS**

### **Complete Streets**

Councilmember Cicalese stated the Complete Streets Committee is meeting with two (2) contractors to interview for the circulation study. They will have a recommendation for contract award for the next meeting.

### **Ordinance Subcommittee**

Council President Bluth stated that the Ordinance Subcommittee has met to review Court fines. The committee is working with Chief Gendron, George Chin, Dave Bell and Judge Kurs to get their input regarding the fines. She hopes to report back soon.

## **MAYOR/COUNCIL/ADMINISTRATIVE REPORTS**

### **Councilmember Fowler**

Environmental Commission - met last week and appointed a new chair, Todd Franz. Members Julie Bond and Sheila Hittesdorf joined the commission. They are hoping to schedule a stream clean up in April dependent upon Covid protocols. If there is a Harvest Fair in the fall, the commission discussed using the paddleboats as a fundraiser. They are working on putting a budget together. They are energetic group and she is looking forward to working with them.

Downtown Hightstown - planning the next Hop and Shop scheduled for February 12th - 15th. *Fall in Love with Hightstown.*

### **Councilmember Cicalese**

Parks and Rec - will meet next week.

Board of Health - has not met this year. Hopefully they will meet next week and he will have an update for the next meeting.

### **Councilmember Jackson**

HPC - had their meeting last week. John Hostetler will remain as chair. Joe Lauderbeck was sworn in. The commission will have a walkthrough of the Willis house. They will remove anything of historical significance before demolition of the property.

Public Works - He was able to ride with the Ken Lewis, Superintendent of Public Works during the storm. He received a crash course in snow maintenance. DPW employees are working long hours and deserve a lot of credit. Hightstown is lucky to have Ken and his crew.

### **Councilmember Misiura**

First Aid - He was able to swear in new officers. 2020 was a busy year for the squad. They responded to many more calls than in years past. They informed him that there was a lot more wear and tear on their equipment. He questioned if it is still necessary to be pay Robbinsville for full time EMS coverage. He asked that the Borough Administrator do an analysis of First Aid calls so Council can evaluate Hightstown's needs.

Water & Sewer Department - He is the liaison but because of Covid, he has not had a chance to take a tour of the facilities but will be reaching out to speak with them soon.

### **Councilmember Musing**

Construction Office - The fees for Construction and Zoning are moving in the right direction and the generator ordinance looks good. Mr. Chin's suggestions to help with noise is a good idea.

Police Department - Met with Chief Gendron last week and toured the building. The building is not sufficient for what the Police need. Some lights need to be updated and the front door fixed. He felt the meeting went well and the morale in the Department is good. They are doing an amazing job.

Our Public Works Department is doing a great job and we are very lucky to have them.

### **Council President Bluth**

Cultural Arts Commission - March 20th they will be hosting Hightstown's Got Talent via Zoom. Submission deadline is February 12th.

Finance - She has been in touch with George Lang. Work has started on the 2021 budget. We will hopefully be scheduling budget meetings shortly.

**Borough Engineer, Carmela Robert**

Hightstown has many upcoming projects. She is meeting with the Planning Board to discuss upcoming capital projects.

**Deputy Clerk, Peggy Riggio**

The Clerk's office has been busy renewing cat and dog licenses, food licenses and tax licenses. The building is still closed to the public and the staff continues working rotating schedules, but all employees are available via voicemail and email regardless if they are working in the office or remotely.

**Borough Administrator/Clerk, Debra Sopronyi**

A larger drop box has been installed at the Municipal Offices for residents to leave larger items. Public Works was prepared by Friday for the current storm. They are working hard. They are still at the facility getting ready for the additional overnight snow and ice.

**Borough Attorney, Fred Raffetto**

He is happy to be able to wrap up Stockton Street Water Main Project. The Borough has received payment from the Housing Authority for the outstanding PILOT payment

**ADJOURNMENT**

Councilmember Musing moved to Adjourn at 7:38 p.m.; Seconded by Councilmember Cicalese. All ayes.

Respectfully Submitted,

Margaret M. Riggio  
Deputy Borough Clerk



**Roberts**  
ENGINEERING GROUP LLC  
*Women Business Enterprise Certified*

1670 Whitehorse-Hamilton Square Rd.  
Hamilton, New Jersey 08690  
609-586-1141 fax 609-586-1143  
www.RobertsEngineeringGroup.com

February 4, 2021

Mayor and Council  
Borough of Hightstown  
156 Bank Street  
Hightstown, NJ 08520

Re: Improvements to Railroad Avenue and Dey Street  
Borough of Hightstown, Mercer County  
Our File No.: H1603

Dear Mayor and Council:

As you know, the Borough has been awarded \$529,632.00 from the NJDOT for Improvements to Railroad Avenue and Dey Street through the Municipal Aid Program. This is equal to the requested amount as included in the grant application. This does not include costs for sanitary sewer repairs and water main replacement. Inspection fees will likely be reimbursable through this grant.

You may recall that this project was intended to compliment the anticipated new Borough Hall at the YMCA facility on Mercer Street by providing a rear driveway at Railroad Avenue.

In reviewing with the Borough Water Department, the existing water main on Dey Street is in good working condition and does not need replacement. However, the water services may need to be replaced. The estimated construction cost to replace the water services is approximately \$10,000.

The anticipated costs for survey, design, permitting, bidding, and construction administration/inspection are as follows:

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Survey, Design, Permitting, and Bidding =           | \$40,000.00        |
| <u>Construction Administration and Inspection =</u> | <u>\$46,000.00</u> |
| TOTAL =                                             | \$86,000.00        |

The above fees are approximately 17% of the overall construction cost which is higher than our normal fees. However, this project must be integrated with the YMCA conversion to Borough Hall, the new stormwater management ordinance will require additional improvements which were not anticipated when the grant application was prepared in 2019, and we are undertaking a complex improvement by creating a new road at Railroad Avenue.

In addition, please note that the deadline to award these improvements to a contractor is November 21, 2021. I request that Council authorize this work at the next Council meeting to ensure there is enough time to prepare the survey, plans, obtain permits, coordinate with Borough Committees, and meet NJDOT requirements prior to the November 2021 deadline.

We look forward to your authorization.

Should you have any questions or concerns, please feel free to contact me.

Very truly yours,

Carmela Roberts, P.E., C.M.E.  
Borough Engineer

cc: Debra Sopronyi, RMC, QPA, CMR, Borough Administrator/Borough Clerk  
Peggy Riggio, RMC, CMR, Deputy Borough Clerk  
George Lang, Borough CFO  
Cameron Corini, PE, CME, Roberts Engineering Group, LLC



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February 4, 2021

Mayor and Council  
Borough of Hightstown  
156 Bank Street  
Hightstown, NJ 08520

Re: Improvements to Hausser Avenue,  
Bennett Place, and Prospect Drive  
Borough of Hightstown, Mercer County  
Our File No.: H1603

Dear Mayor and Council:

Enclosed with this letter, please find a copy of a letter received from the NJDOT notifying the Borough that it has been awarded funding through the Municipal Aid Program for Improvements to Hausser Avenue, Bennett Place, and Prospect Drive in the amount of \$500,000.00.

You may recall that the requested funding amount was for approximately \$630,000.00. The awarded allotment is \$130,000.00 less than the estimated construction cost. This cost does not include the costs for sanitary sewer repairs and water main replacement.

In reviewing with the Borough Water Department and as noted in the Borough's Water Asset Management Plan, there have been many water main/service breaks in this neighborhood. Therefore, there is a significant need to replace a portion of the existing water system. Hausser Avenue and Bennett Place require new water mains and water services. Prospect Drive requires new water services. The estimated construction cost to replace the water mains and services is approximately \$290,000.00.

We must review the sanitary collection system to determine if any improvements are needed there.

Design and inspection costs will not be eligible under the allotment and therefore were not included in the application made to the NJDOT. The anticipated costs for survey, design, permitting, bidding, and construction administration/inspection are as follows:

**Roadway Improvements**

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Survey, Design, Permitting, and Bidding =           | \$63,000.00        |
| <u>Construction Administration and Inspection =</u> | <u>\$75,000.00</u> |
| TOTAL =                                             | \$138,000.00       |

The deadline to award these improvements to a contractor is November 2022. I request that Council authorize this by Summer 2021. This will allow appropriate time for this office to prepare conceptual plans, review with Borough Committees, secure funding for the water improvements through USDA or NJ Infrastructure Bank loans, obtain permits, and meet NJDOT grant requirements.

Please review the above figures and advise as to how the Council would like to move forward. Should you have any questions please feel free to contact me.

Very truly yours,

Carmela Roberts, P.E., C.M.E.  
Borough Engineer

cc: Debra Sopronyi, RMC, QPA, CMR, Borough Administrator/Borough Clerk  
Peggy Riggio, RMC, CMR, Deputy Borough Clerk  
George Lang, Borough CFO  
Cameron Corini, PE, CME, Roberts Engineering Group, LLC



# State of New Jersey

DEPARTMENT OF TRANSPORTATION

P.O. Box 600

Trenton, New Jersey 08625-0600

PHILIP D. MURPHY

*Governor*

DIANE GUTIERREZ-SCACCETTI

*Commissioner*

SHEILA Y. OLIVER

*Lt. Governor*

**RECEIVED**

November 16, 2020

NOV 24 2020

The Honorable Lawrence Quattrone  
Mayor, Hightstown  
156 Bank Street  
Hightstown, NJ 08520

Roberts Engineering Group, LLC

Dear Mayor Quattrone:

I am pleased to inform you that Hightstown has been selected to receive funding from the New Jersey Department of Transportation's (NJDOT) Fiscal Year 2021 Municipal Aid Program for Improvements to Hausser Avenue, Bennett Place, and Prospect Drive in the amount of \$500,000.00.

NJDOT's Municipal Aid Program is a very competitive program. This year the Department received 635 applications from 549 municipalities requesting more than \$342 million. There is \$161.25 million available in funds from the Transportation Trust Fund (TTF) supported by the State gas tax.

As part of the Department's Commitment to Communities, NJDOT provides statewide assistance for local governments for improvements to and preservation of the local transportation network, this network makes up about 90 percent of New Jersey's roadways. The successful completion of your project will help achieve this goal and provide your constituents and everyone that uses local roads a transportation system that provides the mobility they deserve.

Should you have any questions regarding your grant, please contact the NJDOT Local Aid District Office in your area.

District 1 - Mt. Arlington - 973-810-9166  
District 2 - Newark - 973-877-1500

District 3 - Trenton - 609-963-2020  
District 4 - Cherry Hill - 856-414-8414

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Again, thank you for your support of this program and good luck with your project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Diane Gutierrez-Scaccetti".

Diane Gutierrez-Scaccetti  
Commissioner

cc: Municipal Clerk; Municipal Engineer

# Resolution 2021-037

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

## **AWARDING A CONTRACT FOR LAGOON LINER REPLACEMENT – WATER TREATMENT PLANT**

**WHEREAS**, Two (2) quotes were received for the replacement of the lagoon liner at the Water Treatment Plant; and,

**WHEREAS**, the quotes have been reviewed by the Borough Engineer and the Superintendent of the Water Treatment Plant, and it is their recommendation that the contract for the replacement of the lagoon liner be awarded to the lowest quote submitted by Atlantic Lining Co., Inc. of Eastampton, New Jersey in an amount not to exceed \$39,900.00; and,

**WHEREAS**, the CFO has certified that funds are available for this purpose.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the contract for the replacement of the lagoon liner at the Water Treatment Plant be awarded to the lowest quote submitted by Atlantic Lining Co., Inc. of Eastampton, New Jersey in an amount not to exceed \$39,900.00.

### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

---

Margaret Riggio  
Deputy Borough Clerk



**Roberts**  
 ENGINEERING GROUP LLC  
 Women Business Enterprise Certified

1670 Whitehorse-Hamilton Square Rd.  
 Hamilton, New Jersey 08690  
 609-586-1141 fax 609-586-1143  
 www.RobertsEngineeringGroup.com

February 1, 2021

Debra Sopronyi, RMC/CMC, QPA, CMR  
 Borough Administrator/Clerk  
 156 Bank Street  
 Hightstown, New Jersey 08520

Re: Lagoon Liner Replacement  
 at the Water Treatment Plant  
 Borough of Hightstown, Mercer County, New Jersey  
 Our File No.: H1653

Dear Debra:

At the Borough's request, this office requested quotes from a total of seven (7) contractors. Two (2) contractors responded as follows:

|                                                     | <u>Bid</u>  |
|-----------------------------------------------------|-------------|
| 1. Atlantic Lining Co. Inc.<br>Eastampton, NJ 08060 | \$39,900.00 |
| 2. Derstine Company, LLC<br>Souderton, PA 18964     | \$64,000.00 |

I have reviewed the documents submitted by the low bidder Atlantic Lining Co. Inc. and found all to be in order. In addition, the Contractor is not on the current list of debarred contractors. We have contacted references provided by the Contractor and received favorable responses.

Therefore, it is my recommendation that, subject to the approval of the contract documents by the Borough Attorney, a contract be awarded to Atlantic Lining Co. Inc. of Eastampton, New Jersey for the Lagoon Liner Replacement at the Water Treatment Plant project in the amount of \$39,900.00.

Should you have any questions, please do not hesitate to contact this office.

Very truly yours,

Carmela Roberts, P.E., C.M.E.  
 Borough Engineer

cc: Peggy Riggio, RMC, CMR, Deputy Borough Clerk  
 Ken Lewis, Borough Superintendent of Public Works  
 Cameron Corini, PE, CME, Roberts Engineering Group  
 Kelly Pham, Roberts Engineering Group, LLC

Request for Quote (RFQ)  
Lagoon Liner Replacement at  
the Water Treatment Plant  
Borough of Hightstown  
Our File No.: H1653

51

**PROPOSAL  
LAGOON LINER REPLACEMENT AT  
THE WATER TREATMENT PLANT  
BOROUGH OF HIGHTSTOWN**

| Item No.                                                | Description                                                                                                                           | Unit Price            | Total Price         |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|
| 1.                                                      | 1 LS Lagoon Liner Replacement, Subgrade Preparation, Anchor Trenching, Pipe Penetrations, Seaming, Testing, and All Incidental Items. | \$ <u>27,900.00</u>   | \$ <u>27,900.00</u> |
| PRICE PER LS: <u>twenty seven thousand nine hundred</u> |                                                                                                                                       | Dollars and <u>no</u> | Cents               |
| 2.                                                      | 1 LS Site Restoration.                                                                                                                | \$ <u>12,000.00</u>   | \$ <u>12,000.00</u> |
| PRICE PER LS: <u>twelve thousand</u>                    |                                                                                                                                       | Dollars and <u>no</u> | Cents               |

**TOTAL AMOUNT BID**

Item Nos. 1 through 2:

\$ 39,900.00

thirty nine thousand nine hundred Dollars and no Cents

PROPOSAL (CONTINUED)

The undersigned bidder submitting this proposal or bid certifies and affirms that such bid is genuine and not collusive; that said bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other persons shall refrain from bidding, and has not in any manner, directly or indirectly, sought by said bidder or any other bidder or fix any overhead, profit or cost element of said bid price, or that of any other bidder, or to secure any advantage against the OWNER or any person interested in the proposed contract; and further, that such bidder has not, directly or indirectly, submitted this bid, or the contents thereof, or divulged information or data relative thereto to any association or to any member or agent thereof; and, that no member of the OWNER'S Officials or Employees of said OWNER is interested directly or indirectly in the bid or in any portion of the bid, nor in the Contract or in part of the Contract which may be awarded the undersigned on the basis of such bid.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by ATLANTIC LIVING Co. INC

(Name of Contractor)

Signed this 22<sup>nd</sup> day of JANUARY, 2021.

ATLANTIC LIVING Co. Inc  
Bidder

By [Signature]  
(Signature of Individual, Partner,  
or Officer Signing the Proposal)

(SEAL)

(Seal is required if Bidder is a  
Corporation)

Vice President  
Title

Address 2519 Rt 206  
EASTAMPTON NJ 08060

Phone 609-723-2400

Fax 609-723-2700

Email WAYNEFCALCOINCUSA-  
Com

**From:** [Hightstown Public Works](#)  
**To:** [Debra Sopronyi](#)  
**Cc:** [Peggy Riggio](#); [Carmela Roberts](#)  
**Subject:** Replacement of Lagoon Liner  
**Date:** Monday, February 8, 2021 1:51:52 PM

---

Deb:

I am in agreement with Carmela's assessment with the need to replace the lagoon liner. The money was bonded in 2019 for \$50,000.

There are tears that have been patched on the liner with many other areas that are in need of repair. Just an FYI, we had a DEP inspection where Christopher Meyler questioned the replacement status. We informed him that quotes were being requested to move forward with the replacement.

Please let me know if have any questions.

Ken

Ken Lewis  
Borough of Hightstown  
Public Works Department  
156 Bank St.  
Hightstown, NJ 08520  
609-490-5115  
[publicworks@hightstownborough.com](mailto:publicworks@hightstownborough.com)

# Resolution 2021-038

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

## **AWARDING A CONTRACT FOR IMPROVEMENTS TO STOCKTON STREET (C.R. 571) AND JOSEPH STREET – EARLE ASPHALT COMPANY**

**WHEREAS**, six (6) bids were received on January 11, 2021, for Improvements Stockton Street (C.R. 571) and Joseph Street; and

**WHEREAS**, the bids have been reviewed by the Borough Engineer and it is the Engineer's recommendation that a contract for the Improvements to Stockton Street (C.R. 571) and Joseph Street be awarded to the low bidder, Earle Asphalt Company of Wall, New Jersey at the price of \$370,013.13; and

**WHEREAS**, this project is funded through the Safe Routes to School Grant as administered by the New Jersey Department of Transportation and the award of this contract is conditional upon approval by the New Jersey Department of Transportation; and

**WHEREAS**, the execution of this contract is subject to the review and approval of the Borough Attorney to assure that the bid submitted Earle Asphalt Company is in order with respect to legal compliance; and,

**WHEREAS**, the CFO has certified that funds are available for this purpose.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the contract for the Improvements to Stockton Street (C.R. 571) and Joseph Street be awarded to the low bidder, Earle Asphalt Company of Wall, New Jersey at the price of \$370,013.13.

### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

---

Margaret Riggio  
Deputy Borough Clerk



**Roberts**  
ENGINEERING GROUP LLC  
*Women Business Enterprise Certified*

1670 Whitehorse-Hamilton Square Rd.  
Hamilton, New Jersey 08690  
609-586-1141 fax 609-586-1143  
www.RobertsEngineeringGroup.com

February 5, 2021

Mayor and Council  
Borough of Hightstown  
156 Bank Street  
Hightstown, New Jersey 08520

Re: Improvements to Stockton Street (C.R. 571) and Joseph Street  
Borough of Hightstown, Mercer County, New Jersey  
Our File No.: H1744

Dear Mayor and Council:

Bids were received for the Improvements to Stockton Street (C.R. 571) and Joseph Street project on Monday, January 11, 2021. A total of nine (9) bidders obtained plans and specifications and six (6) contractors submitted bids. The bid results are as follows:

|                                                                            | <u>Bid</u>   |
|----------------------------------------------------------------------------|--------------|
| 1. Earle Asphalt Company<br>Wall, New Jersey 07719                         | \$370,013.13 |
| 2. Z. Brothers Concrete Contractors, Inc.<br>South River, New Jersey 08882 | \$405,553.41 |
| 3. Black Rock Enterprises, LLC<br>Old Bridge, New Jersey 08857             | \$417,100.00 |
| 4. S. Brothers, Inc.<br>Manalapan, New Jersey 07726                        | \$427,384.49 |
| 5. Seacoast Construction, Inc.<br>East Brunswick, New Jersey 08816         | \$467,092.68 |
| 6. S&G Paving Construction, Inc.<br>Monroe, New Jersey 08831               | \$599,651.50 |

This project is being funded through a Safe Routes to School grant as administered by the New Jersey Department of Transportation (NJDOT) in the amount of \$502,356.00. The Engineer's Estimate for this contract is \$516,436.00. The low bidder amount of \$370,013.13 is \$146,422.87 (28%) below the Engineer's Estimate.

I have reviewed the bid submitted by Earle Asphalt Company. All conditions set forth in the bid proposal have been satisfied and the Contractor is not on the current list of debarred contractors. In addition, NJDOT has provided a verbal approval of the bid documents and concurrence with our findings.

We have worked with Earle Asphalt Company in the past and have found them to be responsive, efficient and experienced.

Improvements to Stockton Street (C.R. 571) and Joseph Street  
Borough of Hightstown, Mercer County, New Jersey  
Our File No.: H1744  
Page 2 of 2

Therefore, it is my recommendation that, subject to the approval of the NJDOT, a contract be awarded to Earle Asphalt Company of Wall, New Jersey for the Improvements to Stockton Street (C.R. 571) and Joseph Street Project in the amount of \$370,013.13.

By way of this letter I am returning the original bids to the Clerk.

Should you have any questions, please do not hesitate to contact this office.

Very truly yours,



Carmela Roberts, P.E., C.M.E.  
Borough Engineer

cc: Debra Sopronyi, RMC, CMR, QPA, Borough Administrator/Clerk  
Peggy Riggio, RMC, CMR, Deputy Borough Clerk  
George Lang, Borough CFO  
Fred Raffetto, Esq., Borough Attorney  
Ken Lewis, Borough Superintendent of Public Works  
Cameron Corini, P.E., C.M.E., Roberts Engineering Group, LLC  
Kelly Pham, Roberts Engineering Group, LLC



**Roberts**  
ENGINEERING GROUP LLC  
*Women Business Enterprise Certified*

January 26, 2021

1670 Whitehorse-Hamilton Square Rd.  
Hamilton, New Jersey 08690  
609-586-1141 fax 609-586-1143  
www.RobertsEngineeringGroup.com

Kyle Skala  
NJDOT – Local Aid District 3  
Central District  
Maintenance and Operations Building, 3<sup>rd</sup> Floor  
Trenton, NJ 08625-0600

Re: Improvements to Stockton Street (C.R. 571) and Joseph Street  
Borough of Hightstown, Mercer County, New Jersey  
Federal Project No.: TAP-0571 (300)  
NJDOT Job No.: 6504307  
Our File No.: H1744

Dear Kyle:

Enclosed with this letter, please find the following:

1. One (1) signed Checklist for the Award of a Federal Aid Funded Construction Contract.
2. One (1) copy of the signed and sealed Bid Summary sheet dated January 11, 2021.
3. One (1) copy of the affidavits of advertisement in the Trenton Times and the Star Ledger.

Bids were received for the Improvements to Stockton Street (C.R. 571) and Joseph Street project on Monday, January 11, 2021. A total of nine (9) bidders obtained plans and specifications and six (6) contractors submitted bids. The bid results are as follows:

|                                                                            | <u>Bid</u>   | <u>DBE Subcontract</u> |
|----------------------------------------------------------------------------|--------------|------------------------|
| 1. Earle Asphalt Company<br>Wall, New Jersey 07719                         | \$370,013.13 | \$14,950.00 (4.04%)    |
| 2. Z. Brothers Concrete Contractors, Inc.<br>South River, New Jersey 08882 | \$405,553.41 | \$0                    |
| 3. Black Rock Enterprises, LLC<br>Old Bridge, New Jersey 08857             | \$417,100.00 | \$0                    |
| 4. S. Brothers, Inc.<br>Manalapan, New Jersey 07726                        | \$427,384.49 | \$0                    |
| 5. Seacoast Construction, Inc.<br>East Brunswick, New Jersey 08816         | \$467,092.68 | \$0                    |
| 6. S&G Paving Construction, Inc.<br>Monroe, New Jersey 08831               | \$599,651.50 | \$0                    |

Although six (6) bids were submitted, Earle Asphalt Company is the only bidder to provide the required DBE/ESBE documentation (Forms CR-266, CR273, and CR272). These forms have been provided to the NJDOT under separate cover.

Improvements to Stockton Street (C.R. 571) and Joseph Street  
 Borough of Hightstown, Mercer County, New Jersey  
 Our File No.: H1744  
 Page 2 of 4

This office has followed up with the remaining five (5) bidders. All have declined to submit the DBE/ESBE documentation. Therefore, they are to be considered non-responsive bids.

The Engineer's Estimate for this contract is \$516,436.00. The low bid of \$370,013.13 as submitted by Earle Asphalt Company is approximately 28% below the Engineer's Estimate.

This project was advertised in the Trenton Times and the Star Ledger for three consecutive weeks. Both advertised the contract on December 8, December 15, and December 22, 2020. The affidavits are attached.

I have reviewed the bid submitted by Earle Asphalt Company. All conditions set forth in the bid proposal have been satisfied and the Contractor is not on the current list of State or Federal debarred contractors.

A bid analysis has been performed in accordance with the FHWA Guidelines on Bid Analysis and Contract award. We offer the following:

1. Assessing Competition:

The FHWA considers competition to be excellent when there are six or more bids within 20% of the low bid. Fewer competitive bids should require evaluation to determine whether competition was adequate, and whether additional competition or better prices could be obtained.

Of the six (6) bidders, four (4) bidders were within 20% of the low bid. The two (2) highest bids were within 21% and 39% of the low bid, respectively. Per the FHWA Guidelines, the four (4) lowest bids may be considered competitive. As the low bid is below the Engineer's Estimate, it may be considered adequate.

2. Considering Re-Advertisement

The low bid of \$370,013.13 is approximately 28% below the Engineer's Estimate. The second low bid is approximately 10% higher than the low bid.

It is unlikely that more favorable bid results would be obtained if the contract were to be re-advertised. Re-advertisement does not appear to be justified.

3. Bid Review Factors

FHWA defines factors that should be considered in reviewing the bids as follows:

- a. Comparison of the bids against the Engineer's Estimate. – **See Item No. 4 below.**
- b. Number of bids submitted. – **See Item No. 8 below.**
- c. Distribution or range of bids received. – **See Item No. 1 above.**
- d. Identity and geographic location of the bidders.

**All bidders are within one hour of the project site and are able to complete the work timely.**

- e. Potential for savings if the project is re-advertised. – **See Item No. 2 above.**
- f. Bid prices for the project under review versus bid prices for similar projects in the same letting. – **See Item No. 4 below.**

- g. Urgency of the project.

**This project is one phase of a three phase improvement program for Stockton Street in the Borough of Hightstown. Phase 1 was for utility improvements. Phase 2 is for curb and sidewalk improvements. Phase 3 is for milling and paving by Mercer County. The pavement is severely deteriorated and in need of replacing. It is critical that the curb and sidewalk improvements are completed this year to ensure that the roadway can be repaved before the end of 2021.**

- h. Current market conditions/workload. – **See Item No. 2 above.**  
 i. Any unbalancing of bids. – **See Item No. 5 below.**  
 j. Which unit bid prices differ significantly from the estimate, and from other bids. – **See Item No. 4 below.**  
 k. If there is a justification for the difference. – **See Item No. 4 below.**  
 l. Any other factors the contracting agency has determined to be important. – **See Item No. 8 below.**

4. Comparison of Bid Prices:

Attached is a copy of the Bid Summary Sheet as well as a Low Bid Analysis. The unit prices submitted by the bidders appear to be reasonable and are similar to other projects bid with similar scopes. See Item No. 5 below for additional information.

5. Unbalancing of Unit Bid Prices:

The FHWA utilizes a bid analysis procedure as determined by the State of Wisconsin (Shown in Attachment B of the FHWA Guidelines on Bid Reviews and Evaluations).

Attachment B defines a pay item to be significant to the contract if a bidder has an item where the difference between the total cost of the item and the estimate, expressed as a percentage of the estimated total contract cost, is greater than 0.50% of the contract. The Low Bid Analysis table shows these pay items submitted by the Low Bidder highlighted in yellow (determined using percentages in Column E). The Low Bid Analysis table shows these pay items submitted by bidders 2 through 5 highlighted in blue (determined using percentages in Column F). The percentage value of these pay items can be found in the columns entitled "Determination of Significant Total Item Cost".

In general, the Determinations of Significant Total Item Costs is similar between the low bidder and all remaining bidders. However, Pay Item Nos. 3, 10, 11, 13, 18, 28, and 41 do not correspond between the low bidder and remaining high bidders.

Although there is a deviation from significant total item costs between the low bidder and the remaining bidders, many of these items were within 1.0% of each other. There appears to be greater deviation between the bidders and Engineer's Estimate which indicates that the unit prices included in the Engineer's Estimate were not accurate.

That being said, the unit prices submitted by the low bidder do not appear to be unbalanced and are appropriate for this contract. Therefore, it is our determination that the Determination of Significant Total Item Cost as calculated using the low bidder costs is acceptable and meets the FHWA bid analysis requirements.

Attachment B further defines an item as being considered significantly unbalanced if the difference between the low bidder's unit price and the estimate, expressed as a percent of the estimate, is greater than +50% or is less than -75%. The Low Bid Analysis table shows this calculation under the column entitled "Determination of Significant Unbalanced Unit Costs". A review of that column shows that all pay items fall within a range of -0.74% and +9.86%. Therefore, all pay items are within the limits as defined by Attachment B and may all be considered balanced.

6. Review Committee:

Roberts Engineering Group (REG) is a multidiscipline engineering firm that specializes in municipal construction contracts. REG conducted the bid analysis and has a complete understanding of all technical and managerial requirements of the contract. Therefore, a review committee is not required to review this bid.

7. General Guidelines:

In reviewing bid documents, the Borough follows NJ Local Public Contracts Law requirements as well as the requirements of any funding sources that may be used for various projects. In this case, the Transportation Alternatives Program (NJDOT Federal Aid) requires a review and analysis in accordance with the FHWA Guidelines on Preparing Engineer's Estimates, Bid Reviews and Evaluations, dated January 20, 2004.

8. Submission of Bids:

A total of nine (9) bidders obtained plans and specifications and six (6) contractors submitted bids. This represents a retention rate/bidder interest of 67%. The FHWA defines a small percentage of submissions to be less than 30%.

The observed retention rate is greater than the FHWA minimum guidelines.

Should you have any questions, please do not hesitate to contact this office.

Very truly yours,



Carmela Roberts, P.E., C.M.E.  
 Borough Engineer

cc: Debra Sopronyi, RMC, CMR, QPA, Borough Administrator/Clerk  
 Peggy Riggio, RMC, CMR, Deputy Borough Clerk  
 George Lang, Borough CFO  
 Fred Raffetto, Esq., Borough Attorney  
 Ken Lewis, Borough Superintendent of Public Works  
 Arun Kumar, NJDOT  
 Cameron Corini, PE, C.M.E., Roberts Engineering Group, LLC

# Resolution 2021-039

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

**AUTHORIZING PAYMENT NO. 6 – S & G PAVING CONSTRUCTION  
(IMPROVEMENTS TO LINCOLN AVENUE, HAGEMOUNT AVENUE AND ROCKY  
BROOK COURT)**

**WHEREAS**, on March 2, 2020, the Borough Council awarded a contract for Improvements to Lincoln Avenue, Hagemount Avenue and Rocky Brook Court in Hightstown Borough to S & G Paving Construction, Inc, of Monroe, New Jersey at the price of \$764,028.15; and

**WHEREAS**, the contractor has submitted payment No. 6, in the amount of \$76,164.43, for sanitary sewer laterals and cleanouts, water services, storm cleanouts, curb, concrete driveways, driveway repair, traffic markings and striping, topsoil and fertilizer and credit for water services for partial payment through January 7, 2021; and

**WHEREAS**, the Borough Engineer has recommended approval of payment No. 6, in the amount of \$76,164.43; and

**WHEREAS**, the Finance Officer has certified that funds are available for this expenditure.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown payment No. 6, in the amount of \$76,164.43 to S&G Paving Construction, Inc. of Monroe, New Jersey is hereby approved as detailed herein.

**CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

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Margaret Riggio  
Deputy Borough Clerk



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## MEMORANDUM

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**TO:** Mayor and Council  
Borough of Hightstown

**FROM:** Carmela Roberts, P.E., C.M.E. *CR*  
Borough Engineer

**DATE:** February 5, 2021

**RE:** Improvements to Lincoln Avenue, Hagemount Avenue and Rocky Brook Court  
Payment No. 6  
Our File No.: H1749

Attached please find the following in reference to Payment No. 6 which is a partial payment through January 7, 2021 for sanitary sewer laterals and cleanouts, water services, storm cleanouts, curb, concrete driveway, driveway repair, traffic markings and striping, topsoil and fertilizer, and credit for the water services.

1. Payment No. 6
2. Invoice No. 6
3. Certified Payrolls

I recommend payment be made to S & G Paving Construction, Inc. in the amount of \$76,164.43.

Should you have any questions, please do not hesitate to call.

cc: Debra Sopronyi, RMC, CMR, QPA, Borough Administrator/Clerk  
Peggy Riggio, RMC, CMR, Borough Deputy Borough Clerk  
George Lang, Borough CFO  
Cameron Corini, PE, CME, Roberts Engineering Group, LLC  
Kelly Pham, Roberts Engineering Group, LLC



**PAYMENT No. 6**  
**IMPROVEMENTS TO LINCOLN AVENUE, HAGEMONT AVENUE, AND ROCKY BROOK COURT**  
**Borough of Hightstown, Mercer County, New Jersey**  
January 7, 2021  
File No.: H1749

| Item No. | Description                                                                                                     | Contract Quantity | Units | Total As-Built Quantity | As-Built This Period | Unit Price | Total Cost  |
|----------|-----------------------------------------------------------------------------------------------------------------|-------------------|-------|-------------------------|----------------------|------------|-------------|
| 1        | Mobilization                                                                                                    | 1.00              | LS    | 1.00                    | 0.00                 | \$2,500.00 | \$2,500.00  |
| 2        | Clearing Site                                                                                                   | 1.00              | LS    | 1.00                    | 0.00                 | \$7,500.00 | \$7,500.00  |
| 3        | Project Video                                                                                                   | 1.00              | LS    | 1.00                    | 0.00                 | \$500.00   | \$500.00    |
| 4        | Traffic Director, Flagger                                                                                       | 80.00             | HOURL | 80.00                   | 0.00                 | \$25.00    | \$2,000.00  |
| 5        | Traffic Cones                                                                                                   | 25.00             | UNIT  | 25.00                   | 0.00                 | \$0.01     | \$0.25      |
| 6        | Drums                                                                                                           | 10.00             | UNIT  | 10.00                   | 0.00                 | \$0.01     | \$0.10      |
| 7        | Breakway Barricade                                                                                              | 7.00              | UNIT  | 7.00                    | 0.00                 | \$0.01     | \$0.07      |
| 8        | Construction Sign 'B' (60"x30")                                                                                 | 3.00              | UNIT  | 2.00                    | 0.00                 | \$0.01     | \$0.02      |
| 9        | Construction Sign 'C' (72"x60")                                                                                 | 2.00              | UNIT  | 2.00                    | 0.00                 | \$950.00   | \$1,900.00  |
| 10       | Construction Sign 'D' (36"x12")                                                                                 | 1.00              | UNIT  | 0.00                    | 0.00                 | \$450.00   | \$0.00      |
| 11       | Inlet Filter, Type 2                                                                                            | 20.00             | UNIT  | 9.00                    | 0.00                 | \$50.00    | \$450.00    |
| 12       | Silt Fence                                                                                                      | 300.00            | LF    | 0.00                    | 0.00                 | \$1.00     | \$0.00      |
| 13       | Excavation, Test Pit                                                                                            | 30.00             | CY    | 18.41                   | 0.00                 | \$25.00    | \$460.25    |
| 14       | Tree & Stump Removal - 6" and Less                                                                              | 1.00              | UNIT  | 1.00                    | 0.00                 | \$500.00   | \$500.00    |
| 15       | Tree & Stump Removal - 7"-12"                                                                                   | 1.00              | UNIT  | 1.00                    | 0.00                 | \$750.00   | \$750.00    |
| 16       | Tree & Stump Removal - 13"-18"                                                                                  | 1.00              | UNIT  | 1.00                    | 0.00                 | \$1,000.00 | \$1,000.00  |
| 17       | Tree & Stump Removal - 19"-24"                                                                                  | 1.00              | UNIT  | 1.00                    | 0.00                 | \$1,500.00 | \$1,500.00  |
| 18       | Tree & Stump Removal - 25"-30"                                                                                  | 2.00              | UNIT  | 2.00                    | 0.00                 | \$2,000.00 | \$4,000.00  |
| 19       | Tree & Stump Removal - 31"-36"                                                                                  | 1.00              | UNIT  | 1.00                    | 0.00                 | \$2,500.00 | \$2,500.00  |
| 20       | Tree & Stump Removal - 37"-42"                                                                                  | 2.00              | UNIT  | 3.00                    | 0.00                 | \$3,000.00 | \$9,000.00  |
| 21       | 6" PVC Sanitary Lateral                                                                                         | 466.00            | LF    | 531.00                  | 527.00               | \$50.00    | \$26,550.00 |
| 22       | PVC Cleanout, Sanitary                                                                                          | 20.00             | UNIT  | 32.00                   | 14.00                | \$500.00   | \$16,000.00 |
| 23       | Sanitary Manhole Frame and Cover                                                                                | 13.00             | UNIT  | 13.00                   | 0.00                 | \$750.00   | \$9,750.00  |
| 24       | 6" Insertion Valve                                                                                              | 2.00              | UNIT  | 1.00                    | 0.00                 | \$900.00   | \$900.00    |
| 25       | Fire Hydrant Assembly, Complete                                                                                 | 2.00              | UNIT  | 2.00                    | 0.00                 | \$4,500.00 | \$9,000.00  |
| 26       | 1" Type 'K' Copper Water Service                                                                                | 30.00             | LF    | 288.50                  | 149.50               | \$90.00    | \$25,965.00 |
| 27       | Curb Valve and Box                                                                                              | 1.00              | UNIT  | 20.00                   | 0.00                 | \$1,250.00 | \$25,000.00 |
| 28       | Type 'A' Inlet with Frame and Bicycle Safe Grate                                                                | 1.00              | UNIT  | 1.00                    | 0.00                 | \$2,250.00 | \$2,250.00  |
| 29       | Type 'B' Inlet with Frame, Bicycle Safe Grate, and 6" Type 'N' Eco Curb Piece                                   | 2.00              | UNIT  | 2.00                    | 0.00                 | \$2,500.00 | \$5,000.00  |
| 30       | Doghouse Type 'E' Inlet with Frame and Bicycle Safe Grate                                                       | 1.00              | UNIT  | 1.00                    | 0.00                 | \$2,850.00 | \$2,850.00  |
| 31       | 4" Dia. Storm Doghouse Manhole with Frame and Cover                                                             | 1.00              | UNIT  | 1.00                    | 0.00                 | \$2,850.00 | \$2,850.00  |
| 32       | Modified Type 'A' Inlet with Frame and Cover                                                                    | 1.00              | UNIT  | 1.00                    | 0.00                 | \$2,400.00 | \$2,400.00  |
| 33       | Modified Type 'B' Inlet with Frame, Bicycle Safe Grate, and 4" Type 'N' Eco Curb Piece                          | 1.00              | UNIT  | 2.00                    | 0.00                 | \$2,850.00 | \$5,700.00  |
| 34       | Modified Type 'B' Inlet with Frame, Bicycle Safe Grate, and 6" Type 'N' Eco Curb Piece                          | 3.00              | UNIT  | 2.00                    | 0.00                 | \$2,850.00 | \$5,700.00  |
| 35       | Modified Type 'E' Inlet with Frame and Bicycle Safe Grate                                                       | 1.00              | UNIT  | 1.00                    | 0.00                 | \$3,000.00 | \$3,000.00  |
| 36       | Remove and Replace Type 'B' Inlet Frame and Grate with Frame, Bicycle Safe Grate and 6" Type 'N' Eco Curb Piece | 1.00              | UNIT  | 1.00                    | 0.00                 | \$950.00   | \$950.00    |
| 37       | Remove and Replace Type 'B' Inlet Frame and Grate with Frame, Bicycle Safe Grate and 8" Type 'N' Eco Curb Piece | 4.00              | UNIT  | 4.00                    | 0.00                 | \$950.00   | \$3,800.00  |
| 38       | Lawn Inlet                                                                                                      | 6.00              | UNIT  | 6.00                    | 0.00                 | \$1,250.00 | \$7,500.00  |
| 39       | Remove and Replace Storm Manhole Frame and Cover                                                                | 1.00              | UNIT  | 0.00                    | 0.00                 | \$750.00   | \$0.00      |
| 40       | Connect to Existing Manhole                                                                                     | 1.00              | UNIT  | 0.00                    | 0.00                 | \$650.00   | \$0.00      |
| 41       | 12" Reinforced Concrete Pipe                                                                                    | 150.00            | LF    | 128.00                  | 0.00                 | \$55.00    | \$7,040.00  |
| 42       | 8" Ductile Iron Pipe                                                                                            | 424.00            | LF    | 0.00                    | 0.00                 | \$75.00    | \$0.00      |
| 43       | 6" Perforated HDPE Underdrain                                                                                   | 1,086.00          | LF    | 993.00                  | 0.00                 | \$45.00    | \$44,685.00 |
| 44       | 4" HDPE Storm Pipe                                                                                              | 207.00            | LF    | 303.00                  | 0.00                 | \$42.00    | \$12,726.00 |
| 45       | PVC Cleanout, Storm                                                                                             | 28.00             | UNIT  | 28.00                   | 1.00                 | \$650.00   | \$18,200.00 |
| 46       | 6"x8"x18" Concrete Vertical Curb                                                                                | 4,440.00          | LF    | 4,384.00                | 497.00               | \$22.00    | \$96,448.00 |
| 47       | Concrete Sidewalk, 4" Thick                                                                                     | 809.00            | SY    | 787.95                  | 0.00                 | \$85.00    | \$66,975.75 |
| 48       | Reinforced Concrete Sidewalk, 6" Thick                                                                          | 325.00            | SY    | 324.36                  | 35.00                | \$99.00    | \$32,111.64 |



1670 Whitehorse-Hamilton Square Rd.  
Hamilton, New Jersey 08690  
609-586-1141 fax 609-586-1143  
[www.RobertsEngineeringGroup.com](http://www.RobertsEngineeringGroup.com)

| Item No.                                                                          | Description                                    | Contract Quantity | Units  | Total As-Built Quantity | As-Built This Period | Unit Price  | Total Cost   |             |
|-----------------------------------------------------------------------------------|------------------------------------------------|-------------------|--------|-------------------------|----------------------|-------------|--------------|-------------|
| 49                                                                                | Detectable Warning Surface                     | 6.00              | SY     | 6.00                    | 0.00                 | \$450.00    | \$2,700.00   |             |
| 50                                                                                | Bituminous Driveway Repair                     | 203.00            | SY     | 208.95                  | 50.00                | \$24.00     | \$5,014.80   |             |
| 51                                                                                | Stone Driveway Repair                          | 21.00             | SY     | 21.00                   | 17.00                | \$15.00     | \$315.00     |             |
| 52                                                                                | HMA Milling, 3" Or Less                        | 8,975.00          | SY     | 8,112.00                | 0.00                 | \$3.25      | \$26,364.00  |             |
| 53                                                                                | Excavation Unclassified, 12" Depth             | 1,500.00          | SY     | 400.00                  | 0.00                 | \$18.00     | \$7,200.00   |             |
| 54                                                                                | Compacted Dense Graded Aggregate, 6" Thick     | 1,500.00          | SY     | 0.00                    | 0.00                 | \$9.00      | \$0.00       |             |
| 55                                                                                | HMA Pavement Repair                            | 755.00            | SY     | 258.01                  | 0.00                 | \$32.00     | \$8,256.32   |             |
| 56                                                                                | Tack Coat                                      | 1,050.00          | GAL    | 0.00                    | 0.00                 | \$5.00      | \$0.00       |             |
| 57                                                                                | HMA 19M64 Base Course, 4" Thick                | 405.00            | TON    | 170.93                  | 0.00                 | \$99.00     | \$16,922.07  |             |
| 58                                                                                | HMA 9.5M64 Leveling Course, Variable Thickness | 180.00            | TON    | 0.00                    | 0.00                 | \$1.00      | \$0.00       |             |
| 59                                                                                | HMA 9.5M64 Surface Course, 2" Thick            | 1,337.00          | TON    | 1,121.17                | 0.00                 | \$92.50     | \$103,708.23 |             |
| 60                                                                                | 1 1/2" Clean Stone, If & Where Directed        | 50.00             | CY     | 0.00                    | 0.00                 | \$35.00     | \$0.00       |             |
| 61                                                                                | Select Fill, If & Where Directed               | 50.00             | CY     | 0.00                    | 0.00                 | \$45.00     | \$0.00       |             |
| 62                                                                                | Traffic Markings, 24" Wide White               | 165.00            | LF     | 184.00                  | 184.00               | \$8.65      | \$1,591.60   |             |
| 63                                                                                | Traffic Markings, 12" Wide White               | 210.00            | LF     | 0.00                    | 0.00                 | \$4.30      | \$0.00       |             |
| 64                                                                                | Traffic Markings, 8" Wide White                | 268.00            | LF     | 238.00                  | 238.00               | \$2.90      | \$690.20     |             |
| 65                                                                                | Traffic Stripe, 4" Wide Yellow                 | 240.00            | LF     | 240.00                  | 240.00               | \$1.45      | \$348.00     |             |
| 66                                                                                | R1-1 Regulatory Sign 'Stop' (30"x30")          | 3.00              | UNIT   | 3.00                    | 0.00                 | \$450.00    | \$1,350.00   |             |
| 67                                                                                | W14-1 Warmomg Sign 'Dead End' (30"x30")        | 1.00              | UNIT   | 1.00                    | 0.00                 | \$450.00    | \$450.00     |             |
| 68                                                                                | Street Sign                                    | 4.00              | UNIT   | 4.00                    | 0.00                 | \$350.00    | \$1,400.00   |             |
| 69                                                                                | Tree Planting, 2" Cal.                         | 16.00             | UNIT   | 16.00                   | 0.00                 | \$650.00    | \$10,400.00  |             |
| 70                                                                                | Topsoiling, 5" Thick                           | 1,475.00          | SY     | 1,475.00                | 1,475.00             | \$6.00      | \$8,850.00   |             |
| 71                                                                                | Fertilizing and Seeding, Type A-3              | 1,475.00          | SY     | 1,475.00                | 1,475.00             | \$3.00      | \$4,425.00   |             |
| 72                                                                                | Fuel Price Adjustment                          | 5,000.00          | DOLLAR | -7,558.79               | 0.00                 | \$1.00      | (\$7,558.79) |             |
| 73                                                                                | Asphalt Price Adjustment                       | 5,000.00          | DOLLAR | -2,287.79               | 0.00                 | \$1.00      | (\$2,287.79) |             |
|                                                                                   |                                                |                   |        |                         |                      |             |              |             |
| S-1                                                                               | Association Park Asphalt Sidewalks             | 1.00              | LS     | 1.00                    | 0.00                 | \$13,000.00 | \$13,000.00  |             |
| S-2                                                                               | Raise Manhole                                  | 1.00              | UNIT   | 1.00                    | 0.00                 | \$1,100.00  | \$1,100.00   |             |
| S-3                                                                               | Credit: 1" Type 'K' Copper Water Service       | 200.00            | LF     | 288.50                  | 149.50               | (\$10.00)   | (\$2,885.00) |             |
| S-4                                                                               | Credit: Curb Valve and Box                     | 33.00             | UNIT   | 20.00                   | 0.00                 | (\$100.00)  | (\$2,000.00) |             |
| S-5                                                                               | Uniformed Traffic Directors                    | 2.53              | LS     | 2.53                    | 0.00                 | \$20,000.00 | \$50,549.42  |             |
| S-6                                                                               | 8" HDPE Pipe                                   | 462.00            | LF     | 462.00                  | 0.00                 | \$65.00     | \$30,030.00  |             |
| S-7                                                                               | Inlet Repair                                   | 2.00              | UNIT   | 2.00                    | 0.00                 | \$1,150.00  | \$2,300.00   |             |
|                                                                                   |                                                |                   |        |                         |                      |             |              |             |
| TOTAL WORK COMPLETED                                                              |                                                |                   |        |                         |                      |             | \$750,145.14 |             |
| LESS: RETAINAGE                                                                   |                                                |                   |        |                         |                      |             | 2%           | \$15,002.90 |
| SUBTOTAL                                                                          |                                                |                   |        |                         |                      |             | \$735,142.24 |             |
| LESS: PREVIOUS PAYMENTS                                                           |                                                |                   |        |                         |                      |             | \$658,977.81 |             |
| TOTAL AMOUNT DUE                                                                  |                                                |                   |        |                         |                      |             | \$76,164.43  |             |
| AMOUNT OF ORIGINAL CONTRACT                                                       |                                                |                   |        |                         |                      |             | \$764,028.15 |             |
| AMOUNT OF ORIGINAL CONTRACT ADJUSTED BY CHANGE ORDER NOS. 1, 2, 3, and 4 (16.12%) |                                                |                   |        |                         |                      |             | \$887,192.99 |             |

# ORDINANCE 2021-01

BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY

## **AN ORDINANCE AMENDING CHAPTER 25, “STORMWATER CONTROL” OF THE REVISED GENERAL ORDINANCES OF THE BOROUGH OF HIGHTSTOWN**

**WHEREAS**, the Borough of Hightstown maintains a Tier A MS4 New Jersey Pollutant Discharge Elimination System (NJPDES) Stormwater Permit; and

**WHEREAS**, The New Jersey Department of Environmental Protection amended the Stormwater Management rules at NJAC 7:8 which requires the Borough to update its Stormwater Control Ordinance in order to stay in compliance with the Borough’s NJPDES Stormwater Permit.

**NOW, THEREFORE, BE AND IT IS HEREBY ORDAINED**, by the Mayor and the Borough Council of the Borough of Hightstown, in the County of Mercer and State of New Jersey, as follows:

Section 1. Chapter 25 “Stormwater Control” of the Revised General Ordinances of the Borough of Hightstown is hereby amended in its entirety as follows:

### **CHAPTER 25 STORMWATER CONTROL**

#### **Subsections:**

- 25-1. Scope and Purpose**
- 25-2. Definitions**
- 25-3. Design and Performance Standards for Stormwater Management Measures**
- 25-4. Stormwater Management Requirements for Major Development**
- 25-5. Calculation of Stormwater Runoff and Groundwater Recharge**
- 25-6. Sources for Technical Guidance**
- 25-7. Solids and Floatable Materials Control Standards**
- 25-8. Safety Standards for Stormwater Management Basins**
- 25-9. Requirements for a Site Development Stormwater Plan**
- 25-10. Maintenance and Repair**
- 25-11. Penalties**
- 25-12. Severability**

## **25-13. Effective Date**

### **25-1. 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 Section 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 Hightstown.
3. This ordinance shall also apply to any Borough issued Zoning Permits which are not covered under items 1 and 2 above. The Zoning Officer shall provide a copy of all applications for Zoning Permits issued in accordance with this section to the Borough’s Environmental Commission for review and recommendation.

#### **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.

## **25-2. 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:

A county planning agency or

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

“Department” means the Department of Environmental Protection.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;
3. The creation of one-quarter acre or more of “regulated motor vehicle surface” since March 2, 2021 *{or the effective date of this ordinance, whichever is earlier}*; 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.”

*NOTE: The definition of major development above aligns with the definition at N.J.A.C. 7:8-1.2 and is recommended for consistency. Alternatively, a municipality may adopt the following definition, which is the minimum standard required. Municipalities that have already adopted the definition at N.J.A.C. 7:8-1.2 or another definition that goes beyond the minimum requirement should not reduce the stringency of their definition by adopting the minimum standard.*

*“Major development” means an individual “development,” as well as multiple developments that individually or collectively result in the disturbance of one or more acres of land since February 2, 2004.*

*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 result in the*

*disturbance of one or more acres of land since February 2, 2004. 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.”*

*Additionally, individual municipalities may define major development with a smaller area of disturbance, a smaller area of regulated impervious or motor vehicle surface, or both.*

“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 the Borough of Hightstown.

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

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

“Nutrient” 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.

### **25-3. 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.

*Note: Alternative standards shall provide at least as much protection from stormwater-related loss of groundwater recharge, stormwater quantity and water quality impacts of major development projects as would be provided under the standards in N.J.A.C. 7:8-5.*

### **25-4. 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 Section 25-10.

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 Section 25-4.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 Section 25-4.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 Section 25-4.O, P, Q and R to the maximum extent practicable;
3. The applicant demonstrates that, in order to meet the requirements of Section 25-4.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 Section 25-4.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Section 25-4.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 Section 25-4.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](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.

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

*(Notes corresponding to annotations (a) through (g) are found below Table 3)*

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

*(Notes corresponding to annotations (b) through (d) are found below Table 3)*

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

Notes to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at Section 25-4.0.2;
- (b) designed to infiltrate into the subsoil;
- (c) designed with underdrains;
- (d) designed to maintain at least a 10-foot wide area of native vegetation along at least 50 percent of the shoreline and to include a stormwater runoff retention component designed to capture stormwater runoff for beneficial reuse, such as irrigation;
- (e) designed with a slope of less than two percent;
- (f) designed with a slope of equal to or greater than two percent;
- (g) manufactured treatment devices that meet the definition of green infrastructure at Section II;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at Section II.

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 Section 25-6.B. Alternative stormwater management measures may be used to satisfy the requirements at Section 25-4.O only if the measures meet the definition of green infrastructure at Section 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 Section 25-4.D is granted from Section 25-4.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 Section 25-8.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 Section VIII; and
5. The size of the orifice at the intake to the outlet from the stormwater management BMP shall be a minimum of two and one-half inches in diameter.

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 Section II may be used only under the circumstances described at Section 25-4.O.4.

K. Any application for a new agricultural development that meets the definition of major development at Section 25-2 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Sections 25-4.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 Section 25-4.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 Mercer County's Office of the County Clerk. A form of deed notice shall be submitted to the municipality for approval prior to filing. The deed notice shall contain a description of the stormwater management measure(s) used to meet the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 25-4.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 Section 25-10.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 Section 25-4 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 Mercer County's Office of the County Clerk and shall contain a description and location of the stormwater management measure, as well as reference to the maintenance plan, in accordance with M above. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality in accordance with M above.

#### O. Green Infrastructure Standards

1. This subsection specifies the types of green infrastructure BMPs that may be used to satisfy the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards.
2. To satisfy the groundwater recharge and stormwater runoff quality standards at Section 25-4.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section 25-4.F. and/or an alternative stormwater management measure approved in accordance with Section IV.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

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

3. To satisfy the stormwater runoff quantity standards at Section 25-4.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 Section 25-4.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 Section 25-4.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 Section 25-4.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 25-4.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 Section 25-4.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Section 25-4.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 Section 25-5, either:
  - a. 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
  - b. 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:
  - a. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored; areas where hazardous materials are expected to be present in greater than “reportable quantities” as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4; areas where recharge would be inconsistent with Department approved remedial action work plan or landfill closure plan and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and
  - b. 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:
  - a. 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.
  - b. 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<br>(Minutes) | Cumulative<br>Rainfall<br>(Inches) | Time<br>(Minutes) | Cumulative<br>Rainfall<br>(Inches) | Time<br>(Minutes) | Cumulative<br>Rainfall<br>(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,

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

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in Section 25-4.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 Section 25-5, complete one of the following:

- a. 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;
  - b. 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;
  - c. 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
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.

#### **25-5. 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:
  - a. 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](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

- b. 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 Section 25-5.A.1.i and the Rational and Modified Rational Methods at Section 25-5.A.1.ii. A runoff coefficient or a groundwater recharge land cover for an existing condition may be used on all or a portion of the site if the design engineer verifies that the hydrologic condition has existed on the site or portion of the site for at least five years without interruption prior to the time of application. If more than one land cover have existed on the site during the five years immediately prior to the time of application, the land cover with the lowest runoff potential shall be used for the computations. In addition, there is the presumption that the site is in good hydrologic condition (if the land use type is pasture, lawn, or park), with good cover (if the land use type is woods), or with good hydrologic condition and conservation treatment (if the land use type is cultivation).
3. In computing pre-construction stormwater runoff, the design engineer shall account for all significant land features and structures, such as ponds, wetlands, depressions, hedgerows, or culverts, that may reduce pre-construction stormwater runoff rates and volumes.
4. In computing stormwater runoff from all design storms, the design engineer shall consider the relative stormwater runoff rates and/or volumes of pervious and impervious surfaces separately to accurately compute the rates and volume of stormwater runoff from the site. To calculate runoff from unconnected impervious cover, urban impervious area modifications as described in the NRCS Technical Release 55 – Urban Hydrology for Small Watersheds or other methods may be employed.
5. If the invert of the outlet structure of a stormwater management measure is below the flood hazard design flood elevation as defined at N.J.A.C. 7:13, the design engineer shall take into account the effects of tailwater in the design of structural stormwater management measures.

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

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

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

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

## 25-6. 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](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](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.

## 25-7. Solids and Floatable Materials Control Standards

A. Site design features identified under Section 25-4.F above, or alternative designs in accordance with Section 25-4.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 Section 25-7.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:
  - a. 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
  - b. 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.

- c. 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:
- a. 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;
  - b. 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;
  - c. 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:
    - i. 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
    - ii. 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).

- d. 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
- e. 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.

## **25-8. 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 Section 25-8.C.1, 25-8.C.2, and 25-8.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:
  - a. The trash rack shall have parallel bars, with no greater than six-inch spacing between the bars;
  - b. The trash rack shall be designed so as not to adversely affect the hydraulic performance of the outlet pipe or structure;
  - c. 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
  - d. 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:
  - a. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
  - b. The overflow grate spacing shall be no less than two inches across the smallest dimension.
  - c. 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:
  - a. 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 25-8.C, a free-standing outlet structure may be exempted from this requirement;
  - b. 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 25-8.E for an illustration of safety ledges in a stormwater management BMP; and

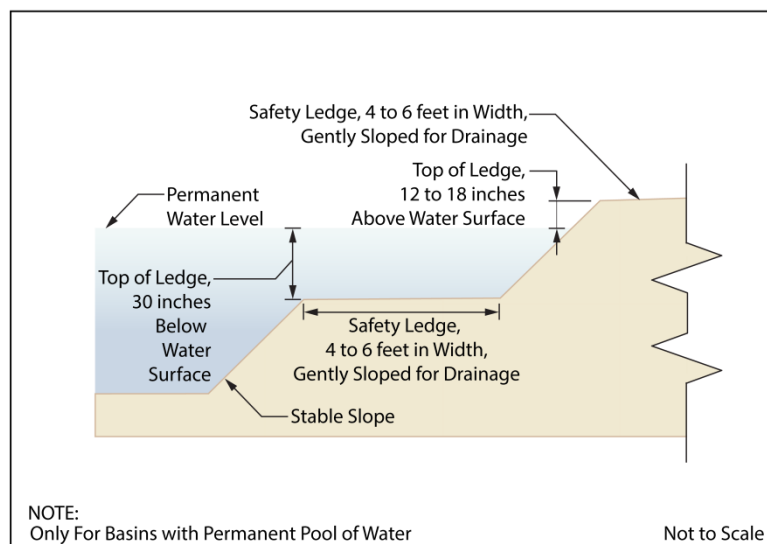
- c. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontal to one vertical.

#### 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



## 25-9. 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 Section 25-9.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 16 copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 25-9.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 Sections 25-3 through 25-5 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:

- a. 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.
- b. 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

- a. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in Section 25-4 of this ordinance.
- b. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

## 7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of Section 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 Section 25-9.C.1 through 25-9.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.

## **25-10. Maintenance and Repair**

### A. Applicability

Projects subject to review as in Section 25-1.C of this ordinance shall comply with the requirements of Section 25-10.B and 25-10.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 Section 25-10.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section 25-10.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 Section 25-10.B.3 above shall perform all of the following requirements:
  - a. 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;
  - b. evaluate the effectiveness of the maintenance plan at least once per year and adjust the plan and the deed as needed; and
  - c. retain and make available, upon request by any public entity with administrative, health, environmental, or safety authority over the site, the maintenance plan and the documentation required by Section 25-10.B.6 and B.7 above.
8. The requirements of Section 25-10.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.

Note: It may be appropriate to delete requirements in the maintenance and repair plan that are not applicable if the ordinance requires the facility to be dedicated to the municipality. If the

municipality does not want to take this responsibility, the ordinance should require the posting of a two-year maintenance guarantee in accordance with N.J.S.A. 40:55D-53. Maintenance and inspection guidance can be found on the Department's website at:

[https://www.njstormwater.org/maintenance\\_guidance.htm](https://www.njstormwater.org/maintenance_guidance.htm).

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.
10. The owner of a private stormwater facility is required to inspect the facility after each major storm event and perform any maintenance and/or repairs that may be required, in addition to routine mowing and removal and disposal of accumulated debris from the facility. The owner shall file a report with the Borough annually which provides its inspection dates (which shall be performed quarterly) and any action(s) taken to rectify any condition(s) found. The Borough shall inspect the facility once per year at the cost of \$100.00 to the property owner. The Borough shall also maintain a log and map to demonstrate compliance with maintenance requirements and shall document any actions taken by the Borough to enforce compliance. If inspection reveals that maintenance has not been maintained by the owner of the stormwater facility, then the Borough Official will issue an order to correct the deficiency within 30 days. If the deficiency is not corrected within 30 days, the Borough will correct the deficiency and recover the cost under the Property Maintenance Section of the Borough Code (Section 14-12). The Borough, in its discretion, may extend the time allowed for effecting maintenance and repair for good cause as approved by the Borough Engineer or his/her designee.

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.

#### **25-11. Penalties**

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

*Chapter 1, Section 5 of the Revised General Ordinances of the Borough of Hightstown.*

#### **25-12. Severability**

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

Section 2. In the event that any portion of this Ordinance is found to be invalid for any reason by any Court of competent jurisdiction, such judgment shall be limited in its effect only to that portion of the Ordinance actually adjudged to be invalid, and the remaining portions of this Ordinance shall be deemed severable therefrom and shall not be affected.

Section 3. All other Ordinances or parts of Ordinances inconsistent herewith are hereby repealed to the extent of such inconsistency.

Section 4. This Ordinance shall become effective upon final passage and publication in accordance with the law.

Introduction: February 1, 2021

Adoption:

**ATTEST:**

\_\_\_\_\_  
DEBRA L. SOPRONYI  
MUNICIPAL CLERK

\_\_\_\_\_  
LAWRENCE D. QUATTRONE  
MAYOR

# Resolution 2021-040

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

## AUTHORIZING PAYMENT OF BILLS

**WHEREAS**, certain bills are due and payable as per itemized claims listed on the following schedules, which are made a part of the minutes of this meeting as a supplemental record;

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that the bills be paid on audit and approval of the Borough Administrator, the appropriate Department Head and the Treasurer in the amount of \$336,861.11 from the following accounts:

|                       |  |                            |
|-----------------------|--|----------------------------|
| Current               |  | \$88,501.68                |
| W/S Operating         |  | 155,809.54                 |
| General Capital       |  | 6,269.50                   |
| Water/Sewer Capital   |  | 52,029.46                  |
| Grant                 |  | 676.00                     |
| Trust                 |  | 0.00                       |
| Unemployment Trust    |  | 0.00                       |
| Animal Control        |  | 0.00                       |
| Law Enforcement Trust |  | 0.00                       |
| Tax Lien Trust        |  | 33,539.93                  |
| Public Defender Trust |  | 0.00                       |
| Escrow                |  | <u>35.00</u>               |
|                       |  |                            |
| Total                 |  | <u><u>\$336,861.11</u></u> |

## CERTIFICATION

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

---

Margaret Riggio  
Deputy Borough Clerk

|              |              |
|--------------|--------------|
| MANUAL TOTAL | \$177,008.44 |
|--------------|--------------|

|                                        |                                |                                 |                     |           |                                |          |           |          |         |
|----------------------------------------|--------------------------------|---------------------------------|---------------------|-----------|--------------------------------|----------|-----------|----------|---------|
| P.O. Type: All                         |                                | Include Project Line Items: Yes |                     | Open: N   | Paid: N                        | Void: N  |           |          |         |
| Range: First                           |                                | to Last                         |                     | Rcvd: Y   | Held: Y                        | Aprv: N  |           |          |         |
| Format: Detail without Line Item Notes |                                |                                 |                     | Bid: Y    | State: Y                       | Other: Y | Exempt: Y |          |         |
|                                        |                                |                                 |                     |           |                                |          |           |          |         |
| Vendor #                               | Name                           |                                 |                     |           |                                |          |           |          |         |
| PO #                                   | PO Date                        | Description                     | Contract            | PO Type   |                                | First    | Rcvd      | Chk/Void | 1099    |
| Item                                   | Description                    | Amount                          | Charge Account      | Acct Type | Description                    | Stat/Chk | Enc Date  | Date     | Invoice |
|                                        |                                |                                 |                     |           |                                |          |           |          |         |
| A0010 ACTION UNIFORM CO, LLC           |                                |                                 |                     |           |                                |          |           |          |         |
| 20-01540                               | 12/07/20                       | CLOTHING ALLOWANCE - DOELL      |                     |           |                                |          |           |          |         |
| 1                                      | CLOTHING ALLOWANCE - DOELL     | 847.98                          | 0-01-25-240-001-043 | B         | Uniform Allowance/Leather Gds. | R        | 12/07/20  | 02/10/21 | 33972   |
| Vendor Total:                          |                                | 847.98                          |                     |           |                                |          |           |          |         |
|                                        |                                |                                 |                     |           |                                |          |           |          |         |
| A0068 AIRPOWER INTERNATIONAL, INC.     |                                |                                 |                     |           |                                |          |           |          |         |
| 21-00020                               | 01/29/21                       | SCBA COMPRESSOR YRLY SVC CONTR  |                     |           |                                |          |           |          |         |
| 1                                      | SCBA COMPRESSOR YRLY SVC CONTR | 1,732.00                        | 1-01-25-252-002-123 | B         | Test Air Packs                 | R        | 01/29/21  | 02/10/21 | 39344   |
| Vendor Total:                          |                                | 1,732.00                        |                     |           |                                |          |           |          |         |
|                                        |                                |                                 |                     |           |                                |          |           |          |         |
| A0554 ALL INDUSTRIAL SAFETY PRODUCTS   |                                |                                 |                     |           |                                |          |           |          |         |
| 20-01544                               | 12/07/20                       | VESTS/RAIN GEAR/EAR MUFFS       |                     |           |                                |          |           |          |         |
| 1                                      | 201-360/L - FALCON ORANGE 3    | 34.05                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 12/07/20  | 02/10/21 | 228689  |
| 2                                      | 201-360/XXL - FALCON ORANGE 3  | 68.10                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 12/07/20  | 02/10/21 | 228689  |
| 3                                      | TA-2900 - SOUND SHIELD EARMUFF | 66.00                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 12/07/20  | 02/10/21 | 228689  |
| 4                                      | PR-SGMVGLY-L - ECONOMY MESH    | 63.20                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 12/07/20  | 02/10/21 | 228689  |
| 5                                      | FALCON 3 PC RAIN SUIT SIZE XL  | 11.35                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 02/10/21  | 02/10/21 | 228689  |
| 6                                      | FREIGHT                        | 28.29                           | 0-01-26-290-001-032 | B         | Uniforms                       | R        | 02/10/21  | 02/10/21 | 228689  |
|                                        |                                | 270.99                          |                     |           |                                |          |           |          |         |
| Vendor Total:                          |                                | 270.99                          |                     |           |                                |          |           |          |         |
|                                        |                                |                                 |                     |           |                                |          |           |          |         |
| A0584 AMERICAN TEST CENTERS            |                                |                                 |                     |           |                                |          |           |          |         |
| 20-01397                               | 11/04/20                       | OSHA EQUIPMENT TESTING          |                     |           |                                |          |           |          |         |
| 1                                      | 2021 OSHA EQUIPMENT TESTING    | 1,200.00                        | 0-01-26-290-001-189 | B         | Safety Equipment & Testing     | R        | 11/04/20  | 02/10/21 | 2210153 |
| Vendor Total:                          |                                | 1,200.00                        |                     |           |                                |          |           |          |         |

| Vendor #      | Name                           | PO #                        | PO Date             | Description                      | Amount | Contract | PO Type  | Acct Type | Description | Stat/Chk | First | Rcvd | Chk/Void | 1099    |      |
|---------------|--------------------------------|-----------------------------|---------------------|----------------------------------|--------|----------|----------|-----------|-------------|----------|-------|------|----------|---------|------|
| Item          | Description                    |                             |                     |                                  |        | Charge   | Account  |           |             |          | Enc   | Date | Date     | Invoice | Excl |
|               |                                |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| A0107         | ANSELL GRIMM & AARON, PC       |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 21-00120      | 02/08/21                       | #463512/1/14/2021-PRC Group |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 1             | #463512/1/14/2021-PRC Group    | 35.00                       | 3PRCLLC             | P Site Plan Application #2020-01 | R      | 02/08/21 | 02/10/21 |           | #463512     |          |       |      |          |         | N    |
| Vendor Total: |                                |                             |                     |                                  | 35.00  |          |          |           |             |          |       |      |          |         |      |
|               |                                |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| A1014         | APPROVED FIRE PROTECTION, INC. |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 20-01572      | 12/09/20                       | HPD VEHICLE SUPPLIES        |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 1             | HPD VEHICLE SUPPLIES           | 275.00                      | 0-01-25-240-001-116 | B Traffic Bureau                 | R      | 12/09/20 | 02/10/21 |           | IN00051334  |          |       |      |          |         | N    |
| 2             | DELIVERY CHARGE                | 8.50                        | 0-01-25-240-001-116 | B Traffic Bureau                 | R      | 12/09/20 | 02/10/21 |           | IN00051334  |          |       |      |          |         | N    |
|               |                                | 283.50                      |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| Vendor Total: |                                |                             |                     |                                  | 283.50 |          |          |           |             |          |       |      |          |         |      |
|               |                                |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| A0054         | AQUA PRO-TECH LABORATORIES     |                             |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 21-00051      | 01/29/21                       | INVOICE #0120217M           |                     |                                  |        |          |          |           |             |          |       |      |          |         |      |
| 1             | CBOD5 (10 DAY)                 | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 2             | TSS (10 DAY)                   | 25.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 3             | AMMONIA (3 DAY)                | 42.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 4             | CBOD5 (10 DAY)                 | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 5             | PHOSPHORUS TOTAL (10 DAY)      | 27.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 6             | TSS (10 DAY)                   | 25.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 7             | OIL & GREASE (10 DAY)          | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 8             | VO + 15 (10 DAY)               | 150.00                      | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 9             | DISSOLVED OXYGEN (LAB) (10 DAY | 75.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 10            | FECAL COLIFORM (10 DAY)        | 47.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 11            | CBOD5 (10 DAYS)                | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 12            | TSS (10 DAY)                   | 25.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 13            | AMMONIA (3 DAYS)               | 42.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 14            | CBOD5 (10 DAY)                 | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 15            | PHOSPHORUS TOTAL (10 DAY)      | 27.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 16            | TSS (10 DAY)                   | 25.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 17            | DISSOLVED OXYGEN (LAB) (10 DAY | 75.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 18            | FECAL COLIFORM (10 DAY)        | 47.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 19            | CBOD5 (10 DAY)                 | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 20            | TSS (10 DAY)                   | 25.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 21            | AMMONIA (3 DAY)                | 42.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |
| 22            | CBOD5 (10 DAY)                 | 48.00                       | 1-09-55-501-002-532 | B Outside Lab Testing            | R      | 01/29/21 | 02/10/21 |           | 0120217M    |          |       |      |          |         | N    |

| Vendor # | Name                                   | PO #      | PO Date | Description         | Contract | PO Type                             | Stat/Chk    | First    | Rcvd     | Chk/Void | 1099        |      |
|----------|----------------------------------------|-----------|---------|---------------------|----------|-------------------------------------|-------------|----------|----------|----------|-------------|------|
| Item     | Description                            | Amount    | Charge  | Account             | Acct     | Type                                | Description | Enc      | Date     | Date     | Invoice     | Excl |
|          |                                        |           |         |                     |          |                                     |             |          |          |          |             |      |
| A0054    | AQUA PRO-TECH LABORATORIES             | Continued |         |                     |          |                                     |             |          |          |          |             |      |
| 21-00051 | 01/29/21 INVOICE #0120217M             | Continued |         |                     |          |                                     |             |          |          |          |             |      |
| 23       | PHOSPHORUS TOTAL (10 DAY)              | 27.00     |         | 1-09-55-501-002-532 | B        | Outside Lab Testing                 | R           | 01/29/21 | 02/10/21 |          | 0120217M    | N    |
| 24       | TSS (10 DAY)                           | 25.00     |         | 1-09-55-501-002-532 | B        | Outside Lab Testing                 | R           | 01/29/21 | 02/10/21 |          | 0120217M    | N    |
| 25       | DISSOLVED OXYGEN (10 DAY)              | 75.00     |         | 1-09-55-501-002-532 | B        | Outside Lab Testing                 | R           | 01/29/21 | 02/10/21 |          | 0120217M    | N    |
| 26       | HANDLING CHARGE                        | 34.86     |         | 1-09-55-501-002-532 | B        | Outside Lab Testing                 | R           | 01/29/21 | 02/10/21 |          | 0120217M    | N    |
|          |                                        | 1,196.86  |         |                     |          |                                     |             |          |          |          |             |      |
|          | Vendor Total:                          | 1,196.86  |         |                     |          |                                     |             |          |          |          |             |      |
|          |                                        |           |         |                     |          |                                     |             |          |          |          |             |      |
| A0080    | ASCAP                                  |           |         |                     |          |                                     |             |          |          |          |             |      |
| 21-00003 | 01/27/21 LICENSE FEE 1/1/21 - 12/31/21 |           |         |                     |          |                                     |             |          |          |          |             |      |
| 1        | LICENSE FEE 1/1/21 - 12/31/21          | 367.00    |         | 1-01-30-420-001-197 | B        | ASCAP                               | R           | 01/27/21 | 02/10/21 |          | 2021        | N    |
|          | Vendor Total:                          | 367.00    |         |                     |          |                                     |             |          |          |          |             |      |
|          |                                        |           |         |                     |          |                                     |             |          |          |          |             |      |
| A0025    | AT&T MOBILITY                          |           |         |                     |          |                                     |             |          |          |          |             |      |
| 21-00129 | 02/10/21 INV 287298218043X01282021     |           |         |                     |          |                                     |             |          |          |          |             |      |
| 1        | INV 287298218043X01282021 FIRE         | 83.04     |         | 1-01-25-256-002-094 | B        | Computer Service,Support & Software | R           | 02/10/21 | 02/10/21 |          | X01282021   | N    |
| 2        | INV 287298218043X01282021 DPW          | 292.38    |         | 1-01-31-440-001-079 | B        | Telephone-VERIZON WIRELESS          | R           | 02/10/21 | 02/10/21 |          | X01282021   | N    |
| 3        | INV 287298218043X01282021 HPD          | 393.08    |         | 1-01-31-440-001-079 | B        | Telephone-VERIZON WIRELESS          | R           | 02/10/21 | 02/10/21 |          | X01282021   | N    |
| 4        | INV 287298218043X01282021 WTP          | 129.73    |         | 1-09-55-501-003-545 | B        | Telephone-w/S-VERIZON               | R           | 02/10/21 | 02/10/21 |          | X01282021   | N    |
| 5        | INV 287298218043X01282021AWWTP         | 105.11    |         | 1-09-55-501-003-545 | B        | Telephone-w/S-VERIZON               | R           | 02/10/21 | 02/10/21 |          | X01282021   | N    |
|          |                                        | 1,003.34  |         |                     |          |                                     |             |          |          |          |             |      |
|          | Vendor Total:                          | 1,003.34  |         |                     |          |                                     |             |          |          |          |             |      |
|          |                                        |           |         |                     |          |                                     |             |          |          |          |             |      |
| A0454    | ATLANTIC TOMORROW'S OFFICE             |           |         |                     |          |                                     |             |          |          |          |             |      |
| 21-00039 | 01/29/21 ANNUAL MAINTENANCE CONTRACT   |           |         |                     |          |                                     |             |          |          |          |             |      |
| 1        | ANNUAL MAINTENANCE CONTRACT            | 621.00    |         | 1-01-25-240-001-029 | B        | Maint. Contracts - Other            | R           | 01/29/21 | 02/10/21 |          | CNIN098187C | N    |
| 21-00104 | 02/08/21 QUARTERLY COPY FEES           |           |         |                     |          |                                     |             |          |          |          |             |      |
| 1        | QUARTERLY COPY FEES                    | 697.07    |         | 0-01-25-240-001-029 | B        | Maint. Contracts - Other            | R           | 02/08/21 | 02/10/21 |          | CNIN119539C | N    |
|          | Vendor Total:                          | 1,318.07  |         |                     |          |                                     |             |          |          |          |             |      |

| Vendor #                                         | Name                                  | PO #   | PO Date             | Description         | Contract                      | PO Type                            | Stat/Chk    | First    | Rcvd     | Chk/Void   | 1099            |     |
|--------------------------------------------------|---------------------------------------|--------|---------------------|---------------------|-------------------------------|------------------------------------|-------------|----------|----------|------------|-----------------|-----|
| Item                                             | Description                           | Amount | Charge              | Account             | Acct                          | Type                               | Description | Enc      | Date     | Date       | Invoice         | Exc |
| B0076 BERGEY'S TRUCK CENTER                      |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 20-01783                                         | 12/31/20 UP DRYER FOR VOLVO - TRK 20A |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | INV. PM328207R - UPDRYER 20A          | 378.60 | 0-01-26-305-001-034 | B                   | Motor Vehicle Parts & Access. | R                                  | 12/31/20    | 02/10/21 |          | PM328207R  | N               |     |
| Vendor Total:                                    |                                       | 378.60 |                     |                     |                               |                                    |             |          |          |            |                 |     |
| C0396 CAVANAUGH'S, INC.                          |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 21-00031                                         | 01/29/21 MONTHLY PEST SERVICE         |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | INV 131258 - MONTHLY PEST SERV        | 20.00  | 1-01-26-310-001-029 | B                   | Maintenance Contracts         | R                                  | 01/29/21    | 02/10/21 |          | 131258     | N               |     |
| 2                                                | INV 132267 - MONTHLY PEST SERV        | 20.00  | 1-01-26-310-001-029 | B                   | Maintenance Contracts         | R                                  | 01/29/21    | 02/10/21 |          | 132267     | N               |     |
|                                                  |                                       | 40.00  |                     |                     |                               |                                    |             |          |          |            |                 |     |
| Vendor Total:                                    |                                       | 40.00  |                     |                     |                               |                                    |             |          |          |            |                 |     |
| C0058 CINTAS CORPORATION #061                    |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 20-01721                                         | 12/31/20 PHILLIPE PIERRE UNIFORM      |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | #340 SHORT SLEEVE WORK SHIRTS         | 374.60 | 0-09-55-501-002-507 | B                   | Uniforms & Safety Equipment   | R                                  | 12/31/20    | 02/10/21 |          | 1901889975 | N               |     |
| 21-00079 02/03/21 BLACK/BLUE NITRILE GLOVES      |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | BLACK/BLUE NITRILLE GLOVES            | 220.00 | 1-09-55-501-002-506 | B                   | Lab. Equipment & Supplies     | R                                  | 02/03/21    | 02/10/21 |          | 1901923151 | N               |     |
| 21-00089 02/05/21 UNIFORM ADVANTAGE JANUARY 2021 |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | 4072524172 DATED 1/8/21               | 52.48  | 1-09-55-501-002-507 | B                   | Uniforms & Safety Equipment   | R                                  | 02/05/21    | 02/10/21 |          | 4072524172 | N               |     |
| 2                                                | 4073181518 DATED 1/15/21              | 137.32 | 1-09-55-501-002-507 | B                   | Uniforms & Safety Equipment   | R                                  | 02/05/21    | 02/10/21 |          | 4073181518 | N               |     |
| 3                                                | 4073835395 DATED 1/22/21              | 76.93  | 1-09-55-501-002-507 | B                   | Uniforms & Safety Equipment   | R                                  | 02/05/21    | 02/10/21 |          | 4073835395 | N               |     |
| 4                                                | 4074487893 DATED 1/29/21              | 68.58  | 1-09-55-501-002-507 | B                   | Uniforms & Safety Equipment   | R                                  | 02/05/21    | 02/10/21 |          | 4074487893 | N               |     |
|                                                  |                                       | 335.31 |                     |                     |                               |                                    |             |          |          |            |                 |     |
| Vendor Total:                                    |                                       | 929.91 |                     |                     |                               |                                    |             |          |          |            |                 |     |
| COMCA005 COMCAST BUSINESS                        |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 21-00092                                         | 02/08/21 8499 05 244 0157826          | OAK LN |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | 8499 05 244 0157826                   | OAK LN | 109.57              | 1-09-55-501-002-545 | B                             | Internet Services                  | R           | 02/08/21 | 02/10/21 |            | 499052440157826 | N   |
| 21-00124 02/10/21 8499 05 243 0036659            |                                       |        |                     |                     |                               |                                    |             |          |          |            |                 |     |
| 1                                                | 8499 05 243 0036659                   | OFC 1  | 294.57              | 1-01-20-140-001-060 | B                             | Internet Services and Web Services | R           | 02/10/21 | 02/10/21 |            | 499052430036659 | N   |
| Vendor Total:                                    |                                       | 404.14 |                     |                     |                               |                                    |             |          |          |            |                 |     |

| Vendor #      | Name                                   | PO #     | PO Date             | Description | Contract                                 | PO Type | Stat/Chk    | First    | Rcvd | Chk/Void | 1099     |     |
|---------------|----------------------------------------|----------|---------------------|-------------|------------------------------------------|---------|-------------|----------|------|----------|----------|-----|
| Item          | Description                            | Amount   | Charge              | Account     | Acct                                     | Type    | Description | Enc      | Date | Date     | Invoice  | Exc |
|               |                                        |          |                     |             |                                          |         |             |          |      |          |          |     |
| C0931         | Creston Hydraulics, Inc.               |          |                     |             |                                          |         |             |          |      |          |          |     |
| 20-01325      | 10/19/20 HYDRAULIC HOSES               |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1 INV         | 00188239 - HYDRAULIC HOSES             | 14.47    | 0-09-55-501-001-503 | B           | Water Plant Maintenance                  | R       | 10/19/20    | 02/10/21 |      |          | 00188239 | N   |
| 20-01379      | 10/29/20 HYDRAULIC HOSES               |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1 INV         | 00188601 - HYDRAULIC HOSES             | 44.76    | 0-01-26-305-001-034 | B           | Motor Vehicle Parts & Access.            | R       | 10/29/20    | 02/10/21 |      |          | 00188601 | N   |
| 20-01650      | 12/24/20 HYDRAULIC HOSE                |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1             | HYDRAULIC HOSE - INV 00189727          | 80.79    | 0-01-26-305-001-034 | B           | Motor Vehicle Parts & Access.            | R       | 12/24/20    | 02/10/21 |      |          | 00189727 | N   |
| Vendor Total: |                                        | 140.02   |                     |             |                                          |         |             |          |      |          |          |     |
|               |                                        |          |                     |             |                                          |         |             |          |      |          |          |     |
| C0087         | CUSTOM BANDAG, INC                     |          |                     |             |                                          |         |             |          |      |          |          |     |
| 20-01782      | 12/31/20 TIRES/TIRE REPAIR             |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1 INV.        | 80178890 - TIRE 10A                    | 478.23   | 0-01-26-305-001-034 | B           | Motor Vehicle Parts & Access.            | R       | 12/31/20    | 02/10/21 |      |          | 80178890 | N   |
| 2 INV         | 80178853 - FLAT REPAIR 10A             | 46.50    | 0-01-26-305-001-034 | B           | Motor Vehicle Parts & Access.            | R       | 12/31/20    | 02/10/21 |      |          | 80178853 | N   |
|               |                                        | 524.73   |                     |             |                                          |         |             |          |      |          |          |     |
| 21-00076      | 02/03/21 HFD TIRES INV 80179223        |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1 GDY         | 255/70R16 WRAN DURATRAC                | 593.96   | 1-01-26-315-001-133 | B           | Vehicle Maint. - Fire Dept.              | R       | 02/03/21    | 02/10/21 |      |          | 80179223 | N   |
| 2             | LIGHT TRUCK TIRE BALANCE               | 72.00    | 1-01-26-315-001-133 | B           | Vehicle Maint. - Fire Dept.              | R       | 02/03/21    | 02/10/21 |      |          | 80179223 | N   |
| 3             | LIGHT TRUCK SCRAP TIRE                 | 24.00    | 1-01-26-315-001-133 | B           | Vehicle Maint. - Fire Dept.              | R       | 02/03/21    | 02/10/21 |      |          | 80179223 | N   |
|               |                                        | 689.96   |                     |             |                                          |         |             |          |      |          |          |     |
| 21-00085      | 02/03/21 TIRE REPAIR - TRUCK 10A       |          |                     |             |                                          |         |             |          |      |          |          |     |
| 1             | TIRE REPAIR - TRUCK 10A                | 46.50    | 1-01-26-305-001-034 | B           | Motor Vehicle Parts & Access.            | R       | 02/03/21    | 02/10/21 |      |          | 80179399 | N   |
| Vendor Total: |                                        | 1,261.19 |                     |             |                                          |         |             |          |      |          |          |     |
|               |                                        |          |                     |             |                                          |         |             |          |      |          |          |     |
| C0088         | CUSTOM ENVIRONMENTAL TECH, INC         |          |                     |             |                                          |         |             |          |      |          |          |     |
| 21-00062      | 02/01/21 ZETA LYTE 1A RES 2020-232     |          |                     | B           |                                          |         |             |          |      |          |          |     |
| 2 INV         | 6899 DATED 1/12/21 ZETA 1A             | 1,730.85 | 1-09-55-501-002-554 | B           | ZETA LYTE 1A POLYMER                     | R       | 02/01/21    | 02/10/21 |      |          | 6899     | N   |
| 21-00064      | 02/01/21 RES 2020-233 ZETA LYTE 2800CH |          |                     | B           |                                          |         |             |          |      |          |          |     |
| 2 INV         | 6909 DATED 1/14/21 2800CH              | 4,022.70 | 1-09-55-501-002-544 | B           | Zeta Lyte 2800CH-Custom Envir.Tech, Inc. | R       | 02/01/21    | 02/10/21 |      |          | 6909     | N   |
| Vendor Total: |                                        | 5,753.55 |                     |             |                                          |         |             |          |      |          |          |     |

| Vendor #                                       | Name | PO # | PO Date                       | Description | Contract            | PO Type                               | Stat/Chk | First    | Rcvd     | Chk/Void    | 1099 |
|------------------------------------------------|------|------|-------------------------------|-------------|---------------------|---------------------------------------|----------|----------|----------|-------------|------|
|                                                |      | Item |                               | Description | Amount              | Charge Account                        |          | Enc Date | Date     | Date        | Exc1 |
|                                                |      |      |                               |             |                     |                                       |          |          |          |             |      |
| DISCM005 DISC MAKERS                           |      |      |                               |             |                     |                                       |          |          |          |             |      |
| 20-01387 10/29/20 DVD/CD DUPLICATOR            |      |      |                               |             |                     |                                       |          |          |          |             |      |
|                                                |      | 1    | DVD/CD DUPLICATOR             | 479.00      | 0-01-25-240-001-036 | B Office Supplies & Equipment         | R        | 10/29/20 | 02/10/21 | SINV9975340 | N    |
|                                                |      | 2    | DVD/CD DUPLICATOR             | 30.00       | 0-01-25-240-001-036 | B Office Supplies & Equipment         | R        | 10/29/20 | 02/10/21 | SINV9975287 | N    |
|                                                |      | 3    | DVD/CD DUPLICATOR             | 59.00       | 0-01-25-240-001-036 | B Office Supplies & Equipment         | R        | 10/29/20 | 02/10/21 | SINV9975287 | N    |
|                                                |      | 4    | DVD/CD DUPLICATOR             | 33.00       | 0-01-25-240-001-036 | B Office Supplies & Equipment         | R        | 10/29/20 | 02/10/21 | SINV9975340 | N    |
|                                                |      |      |                               | 601.00      |                     |                                       |          |          |          |             |      |
|                                                |      |      | Vendor Total:                 | 601.00      |                     |                                       |          |          |          |             |      |
|                                                |      |      |                               |             |                     |                                       |          |          |          |             |      |
| DRAEG005 DRAEGER, INC.                         |      |      |                               |             |                     |                                       |          |          |          |             |      |
| 20-01752 12/31/20 SIMULATOR KIT INV 5951174467 |      |      |                               |             |                     |                                       |          |          |          |             |      |
|                                                |      | 1    | SIMULATOR KIT INV 5951174467  | 17.00       | G-02-41-729-006-315 | B DRUNK DRIVING ENFORCEMENT FUND 2015 | R        | 12/31/20 | 02/10/21 | 5951174467  | N    |
|                                                |      | 2    | CERTIFICATION CHARGE          | 106.00      | G-02-41-729-006-315 | B DRUNK DRIVING ENFORCEMENT FUND 2015 | R        | 12/31/20 | 02/10/21 | 5951174467  | N    |
|                                                |      | 3    | CALIBRATION CHARGE            | 56.00       | G-02-41-729-006-315 | B DRUNK DRIVING ENFORCEMENT FUND 2015 | R        | 12/31/20 | 02/10/21 | 5951174467  | N    |
|                                                |      |      |                               | 179.00      |                     |                                       |          |          |          |             |      |
|                                                |      |      | Vendor Total:                 | 179.00      |                     |                                       |          |          |          |             |      |
|                                                |      |      |                               |             |                     |                                       |          |          |          |             |      |
| E0576 EAST WINDSOR REGIONAL SCHOOL             |      |      |                               |             |                     |                                       |          |          |          |             |      |
| 20-01795 12/31/20 DEC 2020 FUEL USE            |      |      |                               |             |                     |                                       |          |          |          |             |      |
|                                                |      | 1    | DEC 2020 FUEL USE - FIRE      | 341.46      | 0-01-31-460-001-166 | B Motor Fuel - Fire Dept.             | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 2    | DEC 2020 FUEL USE - POLICE    | 1,015.20    | 0-01-31-460-001-145 | B Motor Fuel - Police                 | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 3    | DEC 2020 FUEL USE - FIRST AID | 242.95      | 0-01-31-460-001-148 | B Motor Fuel - Emergency Medical      | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 4    | DEC 2020 FUEL USE - GARBAGE   | 881.57      | 0-01-31-460-001-147 | B Motor Fuel - Public Works           | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 5    | DEC 2020 FUEL USE - STREETS   | 951.00      | 0-01-31-460-001-147 | B Motor Fuel - Public Works           | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 6    | DEC 2020 FUEL USE - PARKS     | 34.43       | 0-01-31-460-001-147 | B Motor Fuel - Public Works           | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 7    | DEC 2020 FUEL USE - WATER     | 101.15      | 0-09-55-501-001-512 | B Motor Fuel                          | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 8    | DEC 2020 FUEL USE - SEWER     | 85.23       | 0-09-55-501-002-512 | B Motor Fuel                          | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      | 9    | DEC 2020 FUEL FACILITY FEE    | 120.00      | 0-01-31-460-001-144 | B Upgrades to Fueling Facility        | R        | 12/31/20 | 02/10/21 | DEC 2020    | N    |
|                                                |      |      |                               | 3,772.99    |                     |                                       |          |          |          |             |      |
|                                                |      |      | Vendor Total:                 | 3,772.99    |                     |                                       |          |          |          |             |      |

| Vendor #      | Name                       | PO #                      | PO Date   | Description         | Contract  | PO Type                  | Stat/Chk | First    | Rcvd     | Chk/Void | 1099       |      |
|---------------|----------------------------|---------------------------|-----------|---------------------|-----------|--------------------------|----------|----------|----------|----------|------------|------|
| Item          | Description                | Amount                    | Charge    | Account             | Acct Type | Description              | Enc      | Date     | Date     | Date     | Invoice    | Excl |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| E0201         | EDMUNDS & ASSOCIATES, INC. |                           |           |                     |           |                          |          |          |          |          |            |      |
| 21-00005      | 01/27/21                   | 2021 SOFTWARE MAINTENANCE |           |                     |           |                          |          |          |          |          |            |      |
| 1             | 2021                       | SOFTWARE MAINTENANCE      | 15,438.00 | 1-01-20-130-001-027 | B         | Edmunds Software Support | R        | 01/27/21 | 02/10/21 |          | 21-00350   | N    |
| Vendor Total: |                            |                           | 15,438.00 |                     |           |                          |          |          |          |          |            |      |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| Q0176         | EUROFINS QC, LLC           |                           |           |                     |           |                          |          |          |          |          |            |      |
| 20-01530      | 12/03/20                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV.                       | 2020184 - WATER ANALYSIS  | 200.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/03/20 | 02/10/21 |          | 2020184    | N    |
| 2             | INV.                       | 2020193 - WATER ANALYSIS  | 200.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/03/20 | 02/10/21 |          | 2020193    | N    |
| 3             | INV.                       | 2020235 - WATER ANALYSIS  | 200.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/03/20 | 02/10/21 |          | 2020235    | N    |
|               |                            |                           | 600.00    |                     |           |                          |          |          |          |          |            |      |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| 20-01617      | 12/18/20                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV                        | 6300007410 WATER ANALYSIS | 234.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/18/20 | 02/10/21 |          | 6300007410 | N    |
| 2             | INV.                       | 2020697 - WATER ANALYSIS  | 270.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/18/20 | 02/10/21 |          | 2020697    | N    |
|               |                            |                           | 504.00    |                     |           |                          |          |          |          |          |            |      |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| 20-01701      | 12/31/20                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV                        | 2020939 - WATER ANALYSIS  | 200.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/31/20 | 02/10/21 |          | 2020939    | N    |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| 20-01794      | 12/31/20                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV.                       | 2021450 - WATER ANALYSIS  | 200.00    | 0-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 12/31/20 | 02/10/21 |          | 2021450    | N    |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| 21-00028      | 01/29/21                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV                        | 6300008278 WATER ANALYSIS | 440.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 01/29/21 | 02/10/21 |          | 6300008278 | N    |
| 2             | INV                        | 6300008452 WATER ANALYSIS | 125.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 01/29/21 | 02/10/21 |          | 6300008452 | N    |
| 3             | INV                        | 6300008444 WATER ANALYSIS | 336.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 01/29/21 | 02/10/21 |          | 6300008444 | N    |
| 4             | INV                        | 6300008532 WATER ANALYSIS | 315.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 01/29/21 | 02/10/21 |          | 6300008532 | N    |
| 5             | INV                        | 2021475 WATER ANALYSIS    | 200.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 01/29/21 | 02/10/21 |          | 2021475    | N    |
|               |                            |                           | 1,416.00  |                     |           |                          |          |          |          |          |            |      |
|               |                            |                           |           |                     |           |                          |          |          |          |          |            |      |
| 21-00084      | 02/03/21                   | WATER ANALYSIS            |           |                     |           |                          |          |          |          |          |            |      |
| 1             | INV.                       | 2021569 - WATER ANALYSIS  | 200.00    | 1-09-55-501-001-532 | B         | Outside Testing/Labs     | R        | 02/03/21 | 02/10/21 |          | 2021569    | N    |
| Vendor Total: |                            |                           | 3,120.00  |                     |           |                          |          |          |          |          |            |      |

| Vendor # | Name                         | PO #        | PO Date                     | Description                   | Amount              | Contract Charge     | PO Type Account                            | Acct Type Description | Stat/Chk | First Enc Date | Rcvd Date | Chk/Void Date | Invoice | 1099 Excl |
|----------|------------------------------|-------------|-----------------------------|-------------------------------|---------------------|---------------------|--------------------------------------------|-----------------------|----------|----------------|-----------|---------------|---------|-----------|
| F1176    | FOLEY, INCORPORATED          |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 20-01619                     | 12/18/20    | 2"                          | MULTIQUIP SUBMERSIBLE PUMPS   |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 1                            | 2"          | MULTIQUIP SUBMERSIBLE PUMPS | 670.00                        | 0-09-55-501-001-535 |                     | B Hydrants and Line Repair                 | R                     | 12/18/20 | 02/10/21       |           |               | C18771  | N         |
|          |                              |             |                             | Vendor Total:                 | 670.00              |                     |                                            |                       |          |                |           |               |         |           |
| F1183    | FRANK GENDRON                |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 21-00043                     | 01/29/21    |                             | REIMBURSEMENT - GENDRON       |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 1                            |             |                             | REIMBURSEMENT - GENDRON       | 115.00              | 1-01-25-240-001-044 | B Professional Assoc. Dues                 | R                     | 01/29/21 | 02/10/21       |           |               | 154267  | N         |
|          |                              |             |                             | Vendor Total:                 | 115.00              |                     |                                            |                       |          |                |           |               |         |           |
| G0023    | GENERATOR & STARTER EXCHANGE |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 21-00034                     | 01/29/21    |                             | STARTER FOR DUMPSTER TRUCK    |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 1                            | INV 66700 - | STARTER/TRUCK 412           | 199.00                        | 1-01-26-305-001-034 |                     | B Motor Vehicle Parts & Access.            | R                     | 01/29/21 | 02/10/21       |           |               | 66700   | N         |
|          |                              |             |                             | Vendor Total:                 | 199.00              |                     |                                            |                       |          |                |           |               |         |           |
| M0714    | GENSERVE, INC.               |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 20-01793                     | 12/31/20    |                             | INVOICE #0224702              |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 1                            |             |                             | OVERTIME PENNSAUKEN SERVICE   | 855.00              | 0-09-55-501-002-511 | B Generator/Engine Maintenance Agreemt (B) | R                     | 12/31/20 | 02/10/21       |           |               | 0224702 | N         |
|          |                              |             |                             | Vendor Total:                 | 855.00              |                     |                                            |                       |          |                |           |               |         |           |
| G0171    | GEORGE E. CONLEY ELECTRIC    |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 20-01727                     | 12/31/20    |                             | REPAIR TO PARKING LOT LIGHT   |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 1                            |             |                             | REPAIR TO PARKING LOT LIGHT   | 250.00              | 0-01-31-435-001-075 | B Street Lighting                          | R                     | 12/31/20 | 02/10/21       |           |               | 24742   | N         |
|          |                              |             |                             | Vendor Total:                 | 250.00              |                     |                                            |                       |          |                |           |               |         |           |
| G1077    | GEORGE S. COYNE CO., INC.    |             |                             |                               |                     |                     |                                            |                       |          |                |           |               |         |           |
|          | 21-00065                     | 02/01/21    |                             | SODIUM BICARBONATE RES 20-239 |                     |                     | B                                          |                       |          |                |           |               |         |           |
|          | 2                            | INV 351470  | DATED 1/12/21               | 2,314.40                      | 1-09-55-501-002-552 |                     | B Sodium Bicarbonate                       | R                     | 02/01/21 | 02/10/21       |           |               | 351470  | N         |
|          | 21-00066                     | 02/01/21    |                             | LIME HI-CALC HYDRATED AWWTP   |                     |                     | B                                          |                       |          |                |           |               |         |           |
|          | 2                            | INV 351468  | 1/12/21                     | 1,127.50                      | 1-09-55-501-002-553 |                     | B Calcium Hydroxide (Lime)                 | R                     | 02/01/21 | 02/10/21       |           |               | 351468  | N         |

| Vendor #      | Name                       |                               |           |                         |                                              |          |                |           |                       |           |  |  |
|---------------|----------------------------|-------------------------------|-----------|-------------------------|----------------------------------------------|----------|----------------|-----------|-----------------------|-----------|--|--|
| PO #          | PO Date                    | Description                   | Amount    | Contract Charge Account | PO Type Acct Type Description                | Stat/Chk | First Enc Date | Rcvd Date | chk/Void Date Invoice | 1099 Excl |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| G1077         | GEORGE S. COYNE CO., INC.  |                               | Continued |                         |                                              |          |                |           |                       |           |  |  |
| 21-00067      | 02/02/21                   | LIME HI-CALC HYDRATED WTP     |           | B                       |                                              |          |                |           |                       |           |  |  |
| 2 INV         | 351272                     | DATED 1/8/21                  | 2,255.00  | 1-09-55-501-001-527     | B Calcium Hydroxide - Lime                   | R        | 02/02/21       | 02/10/21  | 351272                | N         |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| 21-00068      | 02/02/21                   | CALCIUM HYPOCHLORITE 2020-240 |           | B                       |                                              |          |                |           |                       |           |  |  |
| 2 INV         | 351469                     | DATED 1/12/21                 | 871.20    | 1-09-55-501-002-539     | B Calcium Hypochlorite-GEORGE S COYNE CHEM R |          | 02/02/21       | 02/10/21  | 351469                | N         |  |  |
| Vendor Total: |                            |                               | 6,568.10  |                         |                                              |          |                |           |                       |           |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| G0038         | GOLD TYPE BUSINESS MACHINE |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| 20-01767      | 12/31/20                   | QUARTERLY E-TICKET            |           |                         |                                              |          |                |           |                       |           |  |  |
| 1             | QUARTERLY E-TICKET         |                               | 1,330.00  | 0-01-25-240-001-130     | B Police E-Ticket                            | R        | 12/31/20       | 02/10/21  | 0000029447            | N         |  |  |
| Vendor Total: |                            |                               | 1,330.00  |                         |                                              |          |                |           |                       |           |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| G0001         | GPANJ                      |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| 21-00096      | 02/08/21                   | MEMBERSHIP 2021               |           |                         |                                              |          |                |           |                       |           |  |  |
| 1             | DEBRA SOPRONYI             |                               | 100.00    | 1-01-20-100-001-044     | B Professional Assoc. Dues                   | R        | 02/08/21       | 02/10/21  | 2021-0001             | N         |  |  |
| 2             | PEGGY RIGGIO               |                               | 100.00    | 1-01-20-100-001-044     | B Professional Assoc. Dues                   | R        | 02/08/21       | 02/10/21  | P. RIGGIO 2021        | N         |  |  |
|               |                            |                               | 200.00    |                         |                                              |          |                |           |                       |           |  |  |
| Vendor Total: |                            |                               | 200.00    |                         |                                              |          |                |           |                       |           |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| G0185         | GRAINGER, INC.             |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| 20-01720      | 12/31/20                   | RAIN JACKET & RAIN PANTS      |           |                         |                                              |          |                |           |                       |           |  |  |
| 1             | LG RAIN JACKET             |                               | 45.49     | 0-09-55-501-002-507     | B Uniforms & Safety Equipment                | R        | 12/31/20       | 02/10/21  | 9770775980            | N         |  |  |
| 2             | RAIN PANTS                 |                               | 31.63     | 0-09-55-501-002-507     | B Uniforms & Safety Equipment                | R        | 12/31/20       | 02/10/21  | 9770775980            | N         |  |  |
|               |                            |                               | 77.12     |                         |                                              |          |                |           |                       |           |  |  |
| Vendor Total: |                            |                               | 77.12     |                         |                                              |          |                |           |                       |           |  |  |
|               |                            |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| G0050         | GROVE SUPPLY INC           |                               |           |                         |                                              |          |                |           |                       |           |  |  |
| 20-01796      | 12/31/20                   | CLEANOUT PLUG WRENCH          |           |                         |                                              |          |                |           |                       |           |  |  |
| 1 INV.        | S5317100 - CLEANOUT PLUG   |                               | 19.75     | 0-09-55-501-002-529     | B Sewer Main Repair/Supplies                 | R        | 12/31/20       | 02/10/21  | S5317100              | N         |  |  |
| Vendor Total: |                            |                               | 19.75     |                         |                                              |          |                |           |                       |           |  |  |

| Vendor #                         | Name                           |                          |          |                     |                                 |          |          |          |          |               |      |  |
|----------------------------------|--------------------------------|--------------------------|----------|---------------------|---------------------------------|----------|----------|----------|----------|---------------|------|--|
| PO #                             | PO Date                        | Description              | Contract | PO Type             |                                 |          | First    | Rcvd     | Chk/Void |               | 1099 |  |
| Item Description                 |                                |                          | Amount   | Charge Account      | Acct Type Description           | Stat/Chk | Enc Date | Date     | Date     | Invoice       | Exc  |  |
| H0023                            | HARPER CONTROL SOLUTIONS, INC. |                          |          |                     |                                 |          |          |          |          |               |      |  |
| 20-00862                         | 07/15/20                       | REPAIR CLAY VALVE        |          |                     |                                 |          |          |          |          |               |      |  |
| 1 REPAIR CLAY VALVE AT WTP       |                                |                          | 3,055.00 | 0-09-55-501-001-503 | B Water Plant Maintenance       | R        | 07/15/20 | 02/10/21 |          | 6760          | N    |  |
| Vendor Total:                    |                                |                          | 3,055.00 |                     |                                 |          |          |          |          |               |      |  |
| H0095                            | HERR'S PLUMBING                |                          |          |                     |                                 |          |          |          |          |               |      |  |
| 20-01785                         | 12/31/20                       | WATER VALVE REPAIR IN FH |          |                     |                                 |          |          |          |          |               |      |  |
| 1 INV 63236 - VALVE REPAIR IN FH |                                |                          | 559.06   | 0-01-26-310-001-024 | B Building Maintenance          | R        | 12/31/20 | 02/10/21 |          | 63236         | N    |  |
| 2 REMOVE SALES TAX - TAX EXEMPT  |                                |                          | 23.35    | 0-01-26-310-001-024 | B Building Maintenance          | R        | 12/31/20 | 02/10/21 |          | 63236         | N    |  |
|                                  |                                |                          | 535.71   |                     |                                 |          |          |          |          |               |      |  |
| Vendor Total:                    |                                |                          | 535.71   |                     |                                 |          |          |          |          |               |      |  |
| H0048                            | HIGHTS REALTY LLC              |                          |          |                     |                                 |          |          |          |          |               |      |  |
| 21-00090                         | 02/08/21                       | FEBRUARY 2021 HPD RENT   |          |                     |                                 |          |          |          |          |               |      |  |
| 1 FEBRUARY 2021 HPD RENT*        |                                |                          | 4,446.38 | 1-01-26-310-001-025 | B Building Rental               | R        | 02/08/21 | 02/10/21 |          | FEBRUARY 2021 | N    |  |
| Vendor Total:                    |                                |                          | 4,446.38 |                     |                                 |          |          |          |          |               |      |  |
| H1100                            | HOME DEPOT CREDIT SERVICES     |                          |          |                     |                                 |          |          |          |          |               |      |  |
| 21-00023                         | 01/29/21                       | JAN 2021 INVOICES        |          |                     |                                 |          |          |          |          |               |      |  |
| 1 INV 8082968 - PARAWEDGE        |                                |                          | 11.88    | 1-09-55-501-001-503 | B Water Plant Maintenance       | R        | 01/29/21 | 02/10/21 |          | 8082968       | N    |  |
| 2 INV 4522530 - SLEDGE/ALUM DUCT |                                |                          | 237.22   | 1-09-55-501-002-503 | B Sewer Plant Maintenance       | R        | 01/29/21 | 02/10/21 |          | 4522530       | N    |  |
| 3 INV 2084036 - BATTERIES/KEY/   |                                |                          | 33.80    | 0-01-26-310-001-024 | B Building Maintenance          | R        | 01/29/21 | 02/10/21 |          | 2084036       | N    |  |
| 4 INV 0025759 - MARKING PAINT/   |                                |                          | 10.58    | 1-01-26-290-001-127 | B Street Repair & Maintenance   | R        | 01/29/21 | 02/10/21 |          | 00257759      | N    |  |
|                                  |                                |                          | 293.48   |                     |                                 |          |          |          |          |               |      |  |
| Vendor Total:                    |                                |                          | 293.48   |                     |                                 |          |          |          |          |               |      |  |
| H0163                            | HUNTER JERSEY PETERBUILT       |                          |          |                     |                                 |          |          |          |          |               |      |  |
| 21-00035                         | 01/29/21                       | DIPSTICK AND FILL TUBE   |          |                     |                                 |          |          |          |          |               |      |  |
| 1 INV X205147384                 |                                |                          | 309.71   | 1-01-26-305-001-034 | B Motor Vehicle Parts & Access. | R        | 01/29/21 | 02/10/21 |          | x205147384    | N    |  |
| Vendor Total:                    |                                |                          | 309.71   |                     |                                 |          |          |          |          |               |      |  |

| Vendor # | Name          | PO #     | PO Date         | Description                 | Amount    | Contract Charge | PO Type Account     | Acct Type Description         | Stat/Chk | First Enc Date | Rcvd Date | Chk/Void Date | Invoice     | 1099 Excl |
|----------|---------------|----------|-----------------|-----------------------------|-----------|-----------------|---------------------|-------------------------------|----------|----------------|-----------|---------------|-------------|-----------|
| J0026    | JAMES EUFEMIA |          |                 |                             |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 21-00010 | 01/27/21        | INS COPAYMENT PER CONTRACT  |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 1        |                 | INS COPAYMENT PER CONTRACT  | 5,000.00  |                 | 1-01-23-210-003-115 | B Medical Ins-Emp] Grp Health | R        | 01/27/21       | 02/10/21  |               | 2021 FINAL  | N         |
|          |               |          |                 | Vendor Total:               | 5,000.00  |                 |                     |                               |          |                |           |               |             |           |
| J0257    | JCP&L         |          |                 |                             |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 21-00126 | 02/10/21        | JANUARY 21 INVOICES         |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 1        | 100 068 401 122 | 114 ROGERSAVE               | 31.40     |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95018248281 | N         |
|          |               | 2        | 100 059 701 167 | WYCKOFF'S MILL              | 27.09     |                 | 1-09-55-501-001-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95746169629 | N         |
|          |               | 3        | 100 077 953 188 | BANK ST PARK                | 3.15      |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95256932157 | N         |
|          |               | 4        | 100 100 104 247 | MAIN ST                     | 46.88     |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95456537810 | N         |
|          |               | 5        | 100 029 000 310 | 156 BANK ST                 | 510.68    |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95456537788 | N         |
|          |               | 6        | 100 131 110 379 | 230 MERCER ST               | 84.08     |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95854814333 | N         |
|          |               | 7        | 100 051 508 677 | MAIN ST                     | 194.85    |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95456537797 | N         |
|          |               | 8        | 100 079 096 689 | GRANT ST PARK               | 3.10      |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95456537806 | N         |
|          |               | 9        | 100 051 508 750 | STOCKTON ST                 | 210.75    |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008968516 | N         |
|          |               | 10       | 100 072 968 868 | STREET LIGHTS               | 79.86     |                 | 1-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95616388540 | N         |
|          |               | 11       | 100 012 445 936 | 168 BANK ST                 | 335.16    |                 | 1-01-25-260-001-074 | B Electric                    | R        | 02/10/21       | 02/10/21  |               | 95795986893 | N         |
|          |               |          |                 |                             | 1,527.00  |                 |                     |                               |          |                |           |               |             |           |
|          |               | 21-00127 | 02/10/21        | MASTER ACCT 200 000 055 315 |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 1        | 100 008 482 778 | MAXWELL AVE                 | 16.46     |                 | 1-09-55-501-002-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               | 2        | 100 009 294 701 | WESTERLEA AVE               | 21.62     |                 | 0-09-55-501-001-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               | 3        | 100 009 294 701 | WESTERLEA AVE               | 19.50     |                 | 0-09-55-501-001-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               | 4        | 100 009 296 102 | SPRINGCREST DR              | 16.35     |                 | 0-09-55-501-002-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               | 5        | 100 012 445 746 | BANK ST                     | 5,384.40  |                 | 1-09-55-501-001-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               | 6        | 100 012 529 309 | OAK LN                      | 8,443.74  |                 | 1-09-55-501-002-504 | B Electricity                 | R        | 02/10/21       | 02/10/21  |               | 95008962099 | N         |
|          |               |          |                 |                             | 13,863.07 |                 |                     |                               |          |                |           |               |             |           |
|          |               | 21-00128 | 02/10/21        | MASTER ACCT 200 000 055 364 |           |                 |                     |                               |          |                |           |               |             |           |
|          |               | 1        | 100 008 438 010 | 125 S MAIN ST               | 17.15     |                 | 0-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |
|          |               | 2        | 100 008 438 283 | MAIN&STOCKTON               | 29.29     |                 | 0-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |
|          |               | 3        | 100 008 482 018 | RT 33& MAXWELL              | 25.45     |                 | 0-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |
|          |               | 4        | 100 010 898 904 | FRANKLIN ST &               | 28.70     |                 | 0-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |
|          |               | 5        | 100 012 487 714 | 148 N MAIN ST               | 609.57    |                 | 0-01-31-430-001-071 | B Electric-Borough Hall       | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |
|          |               | 6        | 100 012 487 862 | FIREHOUSE                   | 757.99    |                 | 0-01-31-430-001-072 | B Electric-Fire House         | R        | 02/10/21       | 02/10/21  |               | 95008956677 | N         |

[illegible]

| Vendor #                     | Name                                   | PO #      | PO Date             | Description                     | Contract  | PO Type     | Stat/Chk | First | Rcvd      | Chk/Void | 1099    |      |
|------------------------------|----------------------------------------|-----------|---------------------|---------------------------------|-----------|-------------|----------|-------|-----------|----------|---------|------|
| Item                         | Description                            | Amount    | Charge              | Account                         | Acct Type | Description | Enc      | Date  | Date      | Date     | Invoice | Excl |
| LAWRE010 LAWRENCE JONES      |                                        |           |                     |                                 |           |             |          |       |           |          |         |      |
| 20-01733                     | 12/31/20 HEAVY DUTY CHAIN BINDERS      |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | HEAVY DUTY CHAIN BINDERS               | 50.00     | 0-01-26-311-001-034 | B Equipment Parts & Accessories | R         | 12/31/20    | 02/10/21 |       | 78751     |          | N       |      |
| Vendor Total:                |                                        | 50.00     |                     |                                 |           |             |          |       |           |          |         |      |
| L0624 LAWSOFT, INC.          |                                        |           |                     |                                 |           |             |          |       |           |          |         |      |
| 20-01345                     | 10/22/20 UCR NIBRS COMPONENT           |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | UCR NIBRS COMPONENT                    | 5,000.00  | 0-01-25-240-001-117 | B Ammunition & Target Practice  | R         | 10/22/20    | 02/10/21 |       | 20-0199   |          | N       |      |
| 21-00041                     | 01/29/21 ANNUAL MAINTENENACE CONTRACT  |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | ANNUAL MAINTENENACE CONTRACT           | 6,800.00  | 1-01-25-240-001-029 | B Maint. Contracts - Other      | R         | 01/29/21    | 02/10/21 |       | 20-0248   |          | N       |      |
| Vendor Total:                |                                        | 11,800.00 |                     |                                 |           |             |          |       |           |          |         |      |
| MCANJ010 MCANJ               |                                        |           |                     |                                 |           |             |          |       |           |          |         |      |
| 21-00095                     | 02/08/21 MUNICIPAL CLERK'S CONF 2021   |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | PEGGY RIGGIO                           | 125.00    | 1-01-20-120-001-041 | B Conferences & Meetings        | R         | 02/08/21    | 02/10/21 |       | P. RIGGIO |          | N       |      |
| Vendor Total:                |                                        | 125.00    |                     |                                 |           |             |          |       |           |          |         |      |
| M0180 MCMASTER-CARR          |                                        |           |                     |                                 |           |             |          |       |           |          |         |      |
| 21-00055                     | 01/29/21 HIGH TEMPERATURE COLOANT HOSE |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | HIGH TEMPERATURE COOLANT HOSE          | 76.14     | 1-09-55-501-002-503 | B Sewer Plant Maintenance       | R         | 01/29/21    | 02/10/21 |       | 51794522  |          | N       |      |
| 2                            | SHIPPING                               | 7.33      | 1-09-55-501-002-503 | B Sewer Plant Maintenance       | R         | 01/29/21    | 02/10/21 |       | 51794522  |          | N       |      |
|                              |                                        | 83.47     |                     |                                 |           |             |          |       |           |          |         |      |
| 21-00058                     | 01/29/21 5 GALLON CARBOY               |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | 5 GALLON CARBOY PG 1850                | 62.70     | 1-09-55-501-002-503 | B Sewer Plant Maintenance       | R         | 01/29/21    | 02/10/21 |       | 52433958  |          | N       |      |
| 2                            | SHIPPING                               | 8.34      | 1-09-55-501-002-503 | B Sewer Plant Maintenance       | R         | 02/01/21    | 02/10/21 |       | 52433958  |          | N       |      |
|                              |                                        | 71.04     |                     |                                 |           |             |          |       |           |          |         |      |
| Vendor Total:                |                                        | 154.51    |                     |                                 |           |             |          |       |           |          |         |      |
| M0536 MGL PRINTING SOLUTIONS |                                        |           |                     |                                 |           |             |          |       |           |          |         |      |
| 21-00060                     | 02/01/21 W-2 AND 1099 TAX FORMS 2020   |           |                     |                                 |           |             |          |       |           |          |         |      |
| 1                            | 1099 TAX FORMS 2020                    | 133.00    | 0-01-20-125-001-036 | B Office Supplies               | R         | 02/01/21    | 02/10/21 |       | 178050    |          | N       |      |

| Vendor #                               | Name                                 | PO #      | PO Date             | Description                | Contract    | PO Type  | Stat/Chk | First | Rcvd       | Chk/Void | 1099 |
|----------------------------------------|--------------------------------------|-----------|---------------------|----------------------------|-------------|----------|----------|-------|------------|----------|------|
| Item                                   | Description                          | Amount    | Charge Account      | Acct Type                  | Description | Enc Date | Date     | Date  | Invoice    | Exc      |      |
| M0536 MGL PRINTING SOLUTIONS Continued |                                      |           |                     |                            |             |          |          |       |            |          |      |
| 21-00060                               | 02/01/21 W-2 AND 1099 TAX FORMS 2020 | Continued |                     |                            |             |          |          |       |            |          |      |
| 2                                      | W-2 TAX FORMS 2020                   | 318.50    | 0-01-20-125-001-036 | B Office Supplies          | R           | 02/01/21 | 02/10/21 |       | 178049     | N        |      |
|                                        |                                      | 451.50    |                     |                            |             |          |          |       |            |          |      |
|                                        | Vendor Total:                        | 451.50    |                     |                            |             |          |          |       |            |          |      |
| N0169 NEW JERSEY WATER ASSOCIATION     |                                      |           |                     |                            |             |          |          |       |            |          |      |
| 21-00027                               | 01/29/21 2021 SYSTEM MEMBERSHIP      |           |                     |                            |             |          |          |       |            |          |      |
| 1                                      | INV 8503 - 2021 SYS MEMBERSHIP       | 450.00    | 1-09-55-501-001-519 | B Professional Assoc. Dues | R           | 01/29/21 | 02/10/21 |       | 8503       | N        |      |
|                                        | Vendor Total:                        | 450.00    |                     |                            |             |          |          |       |            |          |      |
| NJADV005 NJ Advance Media              |                                      |           |                     |                            |             |          |          |       |            |          |      |
| 21-00098                               | 02/08/21 LEGAL ADS - JANUARY 2021    |           |                     |                            |             |          |          |       |            |          |      |
| 1                                      | COUNCIL ANNUAL MEETING NOTICE        | 60.90     | 1-01-20-120-001-021 | B Advertisements           | R           | 02/08/21 | 02/10/21 |       | 0009854352 | N        |      |
| 2                                      | CAC ANNUAL MEETING NOTICE            | 15.66     | 1-01-20-120-001-021 | B Advertisements           | R           | 02/08/21 | 02/10/21 |       | 0009854486 | N        |      |
| 3                                      | PROFESSIONAL SERVICES 2021           | 49.59     | 1-01-20-120-001-021 | B Advertisements           | R           | 02/08/21 | 02/10/21 |       | 0009863817 | N        |      |
| 4                                      | ENV COMM ANNUAL MEETING NOTICE       | 17.40     | 1-01-20-120-001-021 | B Advertisements           | R           | 02/08/21 | 02/10/21 |       | 0009864441 | N        |      |
| 5                                      | PLANNING BOARD ANNUAL CALENDAR       | 30.45     | 1-01-21-180-001-021 | B Advertisements           | R           | 02/08/21 | 02/10/21 |       | 000986447  | N        |      |
|                                        |                                      | 174.00    |                     |                            |             |          |          |       |            |          |      |
|                                        | Vendor Total:                        | 174.00    |                     |                            |             |          |          |       |            |          |      |
| N0231 NJ CONFERENCE OF MAYORS          |                                      |           |                     |                            |             |          |          |       |            |          |      |
| 21-00101                               | 02/08/21 2021 MEMBERSHIP             |           |                     |                            |             |          |          |       |            |          |      |
| 1                                      | 2021 MEMBERSHIP                      | 395.00    | 1-01-20-110-001-195 | B Mayor's Expense          | R           | 02/08/21 | 02/10/21 |       | 2021286    | N        |      |
|                                        | Vendor Total:                        | 395.00    |                     |                            |             |          |          |       |            |          |      |
| N0275 NJ LEAGUE OF MUNICIPALITIES      |                                      |           |                     |                            |             |          |          |       |            |          |      |
| 21-00102                               | 02/08/21 2021 MEMBERSHIP DUES        |           |                     |                            |             |          |          |       |            |          |      |
| 1                                      | 2021 MEMBERSHIP DUES                 | 617.00    | 1-01-20-110-001-044 | B Professional Assoc. Dues | R           | 02/08/21 | 02/10/21 |       | 214MLK21   | N        |      |
|                                        | Vendor Total:                        | 617.00    |                     |                            |             |          |          |       |            |          |      |

| Vendor # | Name                                    | PO #     | PO Date | Description         | Contract  | PO Type                       | Stat/Chk | First    | Rcvd     | Chk/Void | 1099     |      |
|----------|-----------------------------------------|----------|---------|---------------------|-----------|-------------------------------|----------|----------|----------|----------|----------|------|
| Item     | Description                             | Amount   | Charge  | Account             | Acct Type | Description                   | Enc      | Date     | Date     | Date     | Invoice  | Excl |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| N0652    | NJ STATE POLICE CHIEF ASSN              |          |         |                     |           |                               |          |          |          |          |          |      |
| 21-00047 | 01/29/21 ANNUAL MEMBERSHIP DUES         |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | ANNUAL MEMBERSHIP DUES                  | 275.00   |         | 1-01-25-240-001-044 |           | B Professional Assoc. Dues    | R        | 01/29/21 | 02/10/21 |          | 2021     | N    |
|          | Vendor Total:                           | 275.00   |         |                     |           |                               |          |          |          |          |          |      |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| N1001    | NJWEA                                   |          |         |                     |           |                               |          |          |          |          |          |      |
| 21-00048 | 01/29/21 1HR NJWEA ZOOM TCH INV #E1069  |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | ONE HOUR VIRTUAL TRAINING FOR           | 15.00    |         | 1-09-55-501-002-513 |           | B Education & Training        | R        | 01/29/21 | 02/10/21 |          | E1069    | N    |
|          | Vendor Total:                           | 15.00    |         |                     |           |                               |          |          |          |          |          |      |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| N0021    | NORTHERN TOOL & EQUIPMENT CO.           |          |         |                     |           |                               |          |          |          |          |          |      |
| 21-00057 | 01/29/21 ANNUAL RENEWAL 1YR ADVANT      |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | RENEWED 1 YEAR ADVANT                   | 39.99    |         | 1-09-55-501-002-503 |           | B Sewer Plant Maintenance     | R        | 01/29/21 | 02/10/21 |          | 46761762 | N    |
|          | Vendor Total:                           | 39.99    |         |                     |           |                               |          |          |          |          |          |      |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| 00019    | O'BRIEN CONSULTING SERVICES             |          |         |                     |           |                               |          |          |          |          |          |      |
| 20-01567 | 12/09/20 MONTHLY IT SVC CONTRACT NOV 20 |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | MONTHLY IT SVC CONTRACT NOV 20          | 900.00   |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/09/20 | 02/10/21 |          | 20-5428  | N    |
| 2        | MONTHLY IT SVC CONTRACT NOV 20          | 250.00   |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/09/20 | 02/10/21 |          | 20-5428  | N    |
| 3        | MONTHLY SVC IT CONTRACT NOV 20          | 8.50     |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/09/20 | 02/10/21 |          | 20-5428  | N    |
|          |                                         | 1,158.50 |         |                     |           |                               |          |          |          |          |          |      |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| 20-01763 | 12/31/20 HPD OFFICE SUPPLIES            |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | HPD OFFICE SUPPLIES                     | 1,048.50 |         | 0-01-25-240-001-036 |           | B Office Supplies & Equipment | R        | 12/31/20 | 02/10/21 |          | 21-5538  | N    |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| 20-01764 | 12/31/20 MONTHLY IT SERVICES - DEC 2020 |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | MONTHLY IT SERVICES - DEC 2020          | 900.00   |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/31/20 | 02/10/21 |          | 20-5463  | N    |
| 2        | MONTHLY IT SERVICES - DEC 2020          | 250.00   |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/31/20 | 02/10/21 |          | 20-05463 | N    |
| 3        | MONTHLY IT SERVICES - DEC 2020          | 8.50     |         | 0-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 12/31/20 | 02/10/21 |          | 20-05463 | N    |
|          |                                         | 1,158.50 |         |                     |           |                               |          |          |          |          |          |      |
|          |                                         |          |         |                     |           |                               |          |          |          |          |          |      |
| 21-00052 | 01/29/21 MONTHLY IT SERVICES JAN 2021   |          |         |                     |           |                               |          |          |          |          |          |      |
| 1        | MONTHLY IT SERVICES JAN 2021            | 900.00   |         | 1-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 01/29/21 | 02/10/21 |          | 21-5492  | N    |
| 2        | MONTHLY IT SERVICES JAN 2021            | 250.00   |         | 1-01-25-240-001-029 |           | B Maint. Contracts - Other    | R        | 01/29/21 | 02/10/21 |          | 21-5492  | N    |

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| Vendor #                                       | Name                           | PO #      | PO Date | Description         | Contract  | PO Type                                  | Stat/Chk | First    | Rcvd     | Chk/Void | 1099        |      |
|------------------------------------------------|--------------------------------|-----------|---------|---------------------|-----------|------------------------------------------|----------|----------|----------|----------|-------------|------|
| Item                                           | Description                    | Amount    | Charge  | Account             | Acct Type | Description                              | Enc      | Date     | Date     | Date     | Invoice     | Excl |
| P0325 PUBLIC WORKS ASSOCIATION OF NJ           |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 21-00026 01/29/21 2021 MEMBERSHIP              |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 1                                              | 2021 MEMBERSHIP - KEN LEWIS    | 75.00     |         | 1-01-26-290-001-044 | B         | Professional Assoc. Dues                 | R        | 01/29/21 | 02/10/21 |          | 2021        | N    |
| Vendor Total:                                  |                                | 75.00     |         |                     |           |                                          |          |          |          |          |             |      |
| R0525 REGISTRARS ASSOC OF NJ                   |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 21-00097 02/08/21 MEMBERSHIP 2021              |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 1                                              | MEMBERSHIP 2021                | 25.00     |         | 1-01-20-120-001-044 | B         | Professional Assoc. Dues                 | R        | 02/08/21 | 02/10/21 |          | D. SOPRONYI | N    |
| 2                                              | MEMBERSHIP 2021                | 25.00     |         | 1-01-20-120-001-044 | B         | Professional Assoc. Dues                 | R        | 02/08/21 | 02/10/21 |          | M. RIGGIO   | N    |
|                                                |                                | 50.00     |         |                     |           |                                          |          |          |          |          |             |      |
| Vendor Total:                                  |                                | 50.00     |         |                     |           |                                          |          |          |          |          |             |      |
| R0077 ROBERTS ENGINEERING GRP LLC              |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 21-00070 02/02/21 BILLING THROUGH 1/23/21      |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 1                                              | PEDDIE LAKE DAM 4376           | 66.00     |         | 1-01-20-165-001-105 | B         | Peddie Lake Dam-Inspection               | R        | 02/02/21 | 02/10/21 |          | 4376        | N    |
| 2                                              | STORMWATER ORDINANCE 4377      | 42.50     |         | 0-01-20-165-001-028 | B         | General Engineering                      | R        | 02/02/21 | 02/10/21 |          | 4377        | N    |
| 3                                              | STORMWATER ORDINANCE 4377      | 21.25     |         | 1-01-20-165-001-028 | B         | General Engineering                      | R        | 02/02/21 | 02/10/21 |          | 4377        | N    |
| 4                                              | DAWES PARK IMPROVEMENTS 4378   | 497.00    |         | G-02-41-763-001-000 | B         | Mercer At Play Grant                     | R        | 02/02/21 | 02/10/21 |          | 4378        | N    |
| 5                                              | TAX MAP MAINT 2020 4379        | 198.00    |         | 0-01-20-165-001-109 | B         | Tax Map Maintenance/Zoning               | R        | 02/02/21 | 02/10/21 |          | 4379        | N    |
| 6                                              | TAX MAP MAINT 2021 4380        | 1,373.75  |         | 1-01-20-165-001-109 | B         | Tax Map Maintenance/Zoning               | R        | 02/02/21 | 02/10/21 |          | 4380        | N    |
| 7                                              | GENERAL SEWERS 2021 4381       | 819.00    |         | 1-09-55-501-002-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4381        | N    |
| 8                                              | GENERAL WATER 2021 4382        | 1,344.50  |         | 1-09-55-501-001-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4382        | N    |
| 9                                              | CHEM & SLUDGE REMOVAL CONTRACT | 198.00    |         | 1-09-55-501-002-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4383        | N    |
| 10                                             | CHEM & SLUDGE REMOVAL CONTRACT | 264.00    |         | 1-09-55-501-002-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4384        | N    |
| 11                                             | WATER TANKS IBANK APP 4385     | 396.00    |         | 1-09-55-501-001-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4385        | N    |
| 12                                             | WATER TREATMENT PLANTGENERATOR | 5,805.74  |         | 1-09-55-501-001-508 | B         | Engineer                                 | R        | 02/02/21 | 02/10/21 |          | 4386        | N    |
| 13                                             | STOCKTON & JOSEPH STREET       | 1,669.50  |         | C-04-55-876-001-447 | B         | IMP STOCKTON ST & JOSEPH ST 15-15 SEC 20 | R        | 02/02/21 | 02/10/21 |          | 4387        | N    |
| 14                                             | IMPROVEMENTS TO LINCOLN,       | 319.50    |         | C-04-55-885-000-447 | B         | LINCOLN, HAGEMOUNT, ROCKY BROOK SEC 20   | R        | 02/02/21 | 02/10/21 |          | 4388        | N    |
| 15                                             | SPRINGCREST ROAD 4391          | 4,280.50  |         | C-04-55-890-000-447 | B         | SPRINGCREST, SPRUCE, GLEN 20-05 sec 20   | R        | 02/02/21 | 02/10/21 |          | 4391        | N    |
| 16                                             | MISC REQUESTS 2021 4375        | 165.00    |         | 1-01-21-180-001-106 | B         | Planning Board Engineer-General          | R        | 02/03/21 | 02/10/21 |          | 4375        | N    |
| 17                                             | PLANNING BOARD MTG 2021 4389   | 198.00    |         | 1-01-21-180-001-106 | B         | Planning Board Engineer-General          | R        | 02/03/21 | 02/10/21 |          | 4389        | N    |
|                                                |                                | 17,658.24 |         |                     |           |                                          |          |          |          |          |             |      |
| 21-00115 02/08/21 EWRSD-invoices Tennis Courts |                                |           |         |                     |           |                                          |          |          |          |          |             |      |
| 1                                              | #4294/12/26/2020/HS tennis cts | 576.00    |         | 1-01-21-180-001-106 | B         | Planning Board Engineer-General          | R        | 02/08/21 | 02/10/21 |          | #4294       | N    |

| Vendor #                                    | Name     |                                |                     |                                   |          |          |          |          |               |      |   |  |
|---------------------------------------------|----------|--------------------------------|---------------------|-----------------------------------|----------|----------|----------|----------|---------------|------|---|--|
| PO #                                        | PO Date  | Description                    | Contract            | PO Type                           |          | First    | Rcvd     | Chk/Void |               | 1099 |   |  |
| Item Description                            |          | Amount                         | Charge Account      | Acct Type Description             | Stat/Chk | Enc Date | Date     | Date     | Invoice       | Excl |   |  |
| R0077 ROBERTS ENGINEERING GRP LLC Continued |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 21-00115                                    | 02/08/21 | EWRSD-invoices Tennis Courts   | Continued           |                                   |          |          |          |          |               |      |   |  |
| 2 #4390/1/26/2021-HS tennis cts             |          | 126.00                         | 1-01-21-180-001-106 | B Planning Board Engineer-General | R        | 02/08/21 | 02/10/21 |          | #4390         |      | N |  |
|                                             |          | 702.00                         |                     |                                   |          |          |          |          |               |      |   |  |
| Vendor Total:                               |          | 18,360.24                      |                     |                                   |          |          |          |          |               |      |   |  |
| S0842 SANITATION EQUIPMENT CORP.            |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 21-00032                                    | 01/29/21 | RUBBER ARM GRAB FOR AUTOMATED  |                     |                                   |          |          |          |          |               |      |   |  |
| 1 INV 56541                                 |          | 128.84                         | 1-01-26-305-001-034 | B Motor Vehicle Parts & Access.   | R        | 01/29/21 | 02/10/21 |          | 56541         |      | N |  |
| Vendor Total:                               |          | 128.84                         |                     |                                   |          |          |          |          |               |      |   |  |
| S0061 SEA BOX                               |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 21-00030                                    | 01/29/21 | CONTAINER RENTAL               |                     |                                   |          |          |          |          |               |      |   |  |
| 1 INV SI116115                              |          | 75.00                          | 1-01-26-310-001-025 | B Building Rental                 | R        | 01/29/21 | 02/10/21 |          | SI116115      |      | N |  |
| Vendor Total:                               |          | 75.00                          |                     |                                   |          |          |          |          |               |      |   |  |
| W0156 SEARING, WILLIAM                      |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 21-00056                                    | 01/29/21 | REIMBURSEMENT-HOME DEPOT PURCH |                     |                                   |          |          |          |          |               |      |   |  |
| 1 ANCHORS <A> FLIPTOGGLE 3/16 X             |          | 4.96                           | 1-09-55-501-002-503 | B Sewer Plant Maintenance         | R        | 01/29/21 | 02/10/21 |          | 0982 02 71387 |      | N |  |
| Vendor Total:                               |          | 4.96                           |                     |                                   |          |          |          |          |               |      |   |  |
| SHERW010 SHERWIN WILLIAMS PAINT             |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 21-00053                                    | 01/29/21 | ORANGE, KEM BOND, SATIN PAINT  |                     |                                   |          |          |          |          |               |      |   |  |
| 1 GALLON SAFETY ORANGE                      |          | 55.64                          | 1-09-55-501-002-503 | B Sewer Plant Maintenance         | R        | 01/29/21 | 02/10/21 |          | 7909-6        |      | N |  |
| 2 GALLON KEM BOND                           |          | 81.88                          | 1-09-55-501-002-503 | B Sewer Plant Maintenance         | R        | 01/29/21 | 02/10/21 |          | 7909-6        |      | N |  |
| 3 GALLON SAFTY GREEN                        |          | 58.14                          | 1-09-55-501-002-503 | B Sewer Plant Maintenance         | R        | 01/29/21 | 02/10/21 |          | 7909-6        |      | N |  |
| 5 GALLON INDUSTRIAL ENAMEL                  |          | 116.28                         | 1-09-55-501-002-503 | B Sewer Plant Maintenance         | R        | 01/29/21 | 02/10/21 |          | 7909-6        |      | N |  |
|                                             |          | 311.94                         |                     |                                   |          |          |          |          |               |      |   |  |
| Vendor Total:                               |          | 311.94                         |                     |                                   |          |          |          |          |               |      |   |  |
| S1096 STAPLES BUSINESS ADVANTAGE            |          |                                |                     |                                   |          |          |          |          |               |      |   |  |
| 20-01630                                    | 12/22/20 | HPD OFFICE SUPPLIES            |                     |                                   |          |          |          |          |               |      |   |  |
| 1 HPD OFFICE SUPPLIES                       |          | 38.05                          | 0-01-25-240-001-036 | B Office Supplies & Equipment     | R        | 12/22/20 | 02/10/21 |          | 3464868964    |      | N |  |

| Vendor # Name                                     | PO #     | PO Date             | Description                             | Contract              | PO Type  | Stat/Chk | First | Rcvd | Chk/Void       | 1099 |
|---------------------------------------------------|----------|---------------------|-----------------------------------------|-----------------------|----------|----------|-------|------|----------------|------|
| Item Description                                  | Amount   | Charge              | Account                                 | Acct Type Description | Enc      | Date     | Date  | Date | Invoice        | Excl |
| <b>S1096 STAPLES BUSINESS ADVANTAGE Continued</b> |          |                     |                                         |                       |          |          |       |      |                |      |
| 20-01630 12/22/20 HPD OFFICE SUPPLIES             |          |                     |                                         | Continued             |          |          |       |      |                |      |
| 2 HPD OFFICE SUPPLIES                             | 12.99    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 3 HPD OFFICE SUPPLIES                             | 28.45    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 4 HPD OFFICE SUPPLIES                             | 9.99     | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 5 HPD OFFICE SUPPLIES                             | 9.87     | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 6 HPD OFFICE SUPPLIES                             | 3.45     | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 7 HPD OFFICE SUPPLIES                             | 51.09    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465185254     | N    |
| 8 HPD OFFICE SUPPLIES                             | 89.95    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 9 HPD OFFICE SUPPLIES                             | 9.20     | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 10 HPD OFFICE SUPPLIES                            | 30.87    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465009464     | N    |
| 11 HPD OFFICE SUPPLIES                            | 339.99   | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465185253     | N    |
| 12 HPD OFFICE SUPPLIES                            | 25.84    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3461337240     | N    |
|                                                   | 598.06   |                     |                                         |                       |          |          |       |      |                |      |
| 20-01635 12/22/20 HPD OFFICE SUPPLIES             |          |                     |                                         |                       |          |          |       |      |                |      |
| 1 HPD OFFICE SUPPLIES                             | 91.99    | 0-01-25-240-001-036 | B Office Supplies & Equipment           | R                     | 12/22/20 | 02/10/21 |       |      | 3465411758     | N    |
| Vendor Total:                                     | 690.05   |                     |                                         |                       |          |          |       |      |                |      |
| <b>T0104 TCTA MEMBERSHIP SERVICES</b>             |          |                     |                                         |                       |          |          |       |      |                |      |
| 21-00074 02/03/21 MEMBERSHIP DUES 2021 PAM LEWIS  |          |                     |                                         |                       |          |          |       |      |                |      |
| 1 MEMBERSHIP DUES 2021 PAM LEWIS                  | 100.00   | 1-01-20-145-001-044 | B Association Dues                      | R                     | 02/03/21 | 02/10/21 |       |      | 2021           | N    |
| Vendor Total:                                     | 100.00   |                     |                                         |                       |          |          |       |      |                |      |
| <b>BLOCK005 TELESYSTEM</b>                        |          |                     |                                         |                       |          |          |       |      |                |      |
| 21-00073 02/03/21 INV 13838634 FEBRUARY 2021      |          |                     |                                         |                       |          |          |       |      |                |      |
| 1 INV 13838634 FEBRUARY 2021                      | 1,394.04 | 1-01-31-440-001-085 | B Telephone-Block Line Systems, LLC LSI | R                     | 02/03/21 | 02/10/21 |       |      | 13838634       | N    |
| Vendor Total:                                     | 1,394.04 |                     |                                         |                       |          |          |       |      |                |      |
| <b>T1101 THOMAS ENGLISH &amp; ASSOCIATES</b>      |          |                     |                                         |                       |          |          |       |      |                |      |
| 20-01472 11/18/20 REBUILD OF POLYMER FEEDER       |          |                     |                                         |                       |          |          |       |      |                |      |
| 1 BAFFLE PLATE                                    | 46.89    | 0-09-55-501-002-535 | B Chemicals Miscellaneous               | R                     | 11/18/20 | 02/10/21 |       |      | 082008-2023-NN | N    |
| 2 MIXING SHAFT                                    | 83.47    | 0-09-55-501-002-535 | B Chemicals Miscellaneous               | R                     | 11/18/20 | 02/10/21 |       |      | 082008-2023-NN | N    |
| 3 BEARING                                         | 21.27    | 0-09-55-501-002-535 | B Chemicals Miscellaneous               | R                     | 11/18/20 | 02/10/21 |       |      | 082008-2023-NN | N    |
| 4 PULLEY, MIX CHAMBER                             | 51.28    | 0-09-55-501-002-535 | B Chemicals Miscellaneous               | R                     | 11/18/20 | 02/10/21 |       |      | 082008-2023-NN | N    |

| Vendor #      | Name                          |                              |                     |             |                 |          |          |          |      |                |     |      |
|---------------|-------------------------------|------------------------------|---------------------|-------------|-----------------|----------|----------|----------|------|----------------|-----|------|
| PO #          | PO Date                       | Description                  | Contract            | PO Type     |                 | First    | Rcvd     | Chk/Void |      | 1099           |     |      |
| Item          | Description                   | Amount                       | Charge Account      | Acct Type   | Description     | Stat/Chk | Enc Date | Date     | Date | Invoice        | Exc | 1099 |
|               |                               |                              |                     |             |                 |          |          |          |      |                |     |      |
| T1101         | THOMAS ENGLISH & ASSOCIATES   |                              | Continued           |             |                 |          |          |          |      |                |     |      |
| 20-01472      | 11/18/20                      | REBUILD OF POLYMER FEEDER    | Continued           |             |                 |          |          |          |      |                |     |      |
| 5             | INJECTOR CHECK VALVE          | 132.92                       | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 6             | SEAL                          | 31.26                        | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 7             | CLEANING MAT'L                | 1.50                         | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 8             | BEARING CARRIER               | 46.72                        | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 9             | TOLLS                         | 38.35                        | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 10            | SHIPPING HANDLING & INSURANCE | 39.19                        | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 11            | SUPERVISION                   | 346.50                       | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
| 12            | TRAVEL                        | 270.00                       | 0-09-55-501-002-535 | B Chemicals | Miscellaneous   | R        | 11/18/20 | 02/10/21 |      | 082008-2023-NN | N   |      |
|               |                               | <u>1,109.35</u>              |                     |             |                 |          |          |          |      |                |     |      |
|               |                               | 1,109.35                     |                     |             |                 |          |          |          |      |                |     |      |
| Vendor Total: |                               | 1,109.35                     |                     |             |                 |          |          |          |      |                |     |      |
|               |                               |                              |                     |             |                 |          |          |          |      |                |     |      |
| T0061         | TOWNSHIP OF ROBBINSVILLE DPW  |                              |                     |             |                 |          |          |          |      |                |     |      |
| 21-00045      | 01/29/21                      | HPD VEHICLE MAINTENANCE      |                     |             |                 |          |          |          |      |                |     |      |
| 1             | HPD VEHICLE MAINTENANCE       | 203.46                       | 1-01-43-515-001-170 | B Mechanic  | Services        | R        | 01/29/21 | 02/10/21 |      | 4121           |     | N    |
| 2             | HPD VEHICLE MAINTENANCE       | 752.01                       | 1-01-43-515-001-170 | B Mechanic  | Services        | R        | 01/29/21 | 02/10/21 |      | 4119           |     | N    |
|               |                               | <u>955.47</u>                |                     |             |                 |          |          |          |      |                |     |      |
| Vendor Total: |                               | 955.47                       |                     |             |                 |          |          |          |      |                |     |      |
|               |                               |                              |                     |             |                 |          |          |          |      |                |     |      |
| TELEV         | TREASURER STATE OF NEW JERSEY |                              |                     |             |                 |          |          |          |      |                |     |      |
| 21-00082      | 02/03/21                      | 2021 ELEVATOR INSPECTION FEE |                     |             |                 |          |          |          |      |                |     |      |
| 1             | 2021 ELEVATOR INSPECTION FEE  | 258.00                       | 1-01-26-310-001-164 | B Elevator  | Inspections     | R        | 02/03/21 | 02/10/21 |      | 4085413        |     | N    |
| Vendor Total: |                               | 258.00                       |                     |             |                 |          |          |          |      |                |     |      |
|               |                               |                              |                     |             |                 |          |          |          |      |                |     |      |
| T1067         | TREASURER, STATE OF NJ        |                              |                     |             |                 |          |          |          |      |                |     |      |
| 21-00024      | 01/29/21                      | WATER ALLOCATION PERMIT      |                     |             |                 |          |          |          |      |                |     |      |
| 1             | INV 201997890 - WATER         | 7,365.00                     | 1-09-55-501-001-520 | B Permits & | Fees            | R        | 01/29/21 | 02/10/21 |      | 201997890      |     | N    |
| Vendor Total: |                               | 7,365.00                     |                     |             |                 |          |          |          |      |                |     |      |
|               |                               |                              |                     |             |                 |          |          |          |      |                |     |      |
| U0144         | UPS                           |                              |                     |             |                 |          |          |          |      |                |     |      |
| 21-00009      | 01/27/21                      | 161Y33 12/22/20 TO 1/9/21    |                     |             |                 |          |          |          |      |                |     |      |
| 1             | MCMANIMON 12/22/20            | 5.69                         | 0-01-30-421-001-022 | B Postage & | Express Charges | R        | 01/27/21 | 02/10/21 |      | 0000161Y33031  |     | N    |
| 2             | ST TOX LAB 12/21/20           | 3.63                         | 0-01-30-421-001-022 | B Postage & | Express Charges | R        | 01/27/21 | 02/10/21 |      | 0000161Y33031  |     | N    |

| Vendor #         | Name                           |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
|------------------|--------------------------------|--------------------------------|-----------|---------------------|------------------------------|----------|----------|----------|------|----------|----------------|------|--|--|
| PO #             | PO Date                        | Description                    | Contract  | PO Type             |                              |          |          | First    | Rcvd | Chk/Void |                | 1099 |  |  |
| Item Description |                                |                                | Amount    | Charge Account      | Acct Type Description        | Stat/Chk | Enc Date | Date     | Date | Date     | Invoice        | Exc  |  |  |
| U0144            | UPS                            | Continued                      |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 21-00009         | 01/27/21                       | 161Y33 12/22/20 TO 1/9/21      | Continued |                     |                              |          |          |          |      |          |                |      |  |  |
| 3 NJMVC          | 1/9/21                         |                                | 4.76      | 1-01-30-421-001-022 | B Postage & Express Charges  | R        | 01/27/21 | 02/10/21 |      |          | 0000161Y33031  | N    |  |  |
| 4 KEN LEWIS      | 1/9/21                         |                                | 4.76      | 1-01-30-421-001-022 | B Postage & Express Charges  | R        | 01/27/21 | 02/10/21 |      |          | 0000161Y33031  | N    |  |  |
|                  |                                |                                | 18.84     |                     |                              |          |          |          |      |          |                |      |  |  |
|                  | Vendor Total:                  |                                | 18.84     |                     |                              |          |          |          |      |          |                |      |  |  |
| U0061            | USALCO BALTIMORE PLANT, LLC    |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 21-00063         | 02/01/21                       | ALUMINUM SULFATE RES 2020-235  |           | B                   |                              |          |          |          |      |          |                |      |  |  |
| 2                | ALUMINUM SULFATE RES 2020-235  |                                | 4,758.66  | 1-09-55-501-002-542 | B Aluminum Sulfate           | R        | 02/01/21 | 02/10/21 |      |          | 20183152       | N    |  |  |
|                  | Vendor Total:                  |                                | 4,758.66  |                     |                              |          |          |          |      |          |                |      |  |  |
| VENTU005         | VENTURA, MIESOWITZ, KEOUGH &   |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 21-00116         | 02/08/21                       | #23876;12/14/20 PB Meeting     |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 1                | #23876;12/14/20 PB Meeting     |                                | 450.00    | 1-01-21-180-001-107 | B Planning Board - Attorney  | R        | 02/08/21 | 02/10/21 |      |          | #23876         | N    |  |  |
|                  | Vendor Total:                  |                                | 450.00    |                     |                              |          |          |          |      |          |                |      |  |  |
| V0022            | VERIZON WIRELESS               |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 21-00072         | 02/02/21                       | INV 9870786267 1/8/21          |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 1                | INV 9870786267 1/8/21 HPD      |                                | 343.48    | 1-01-31-440-001-079 | B Telephone-VERIZON WIRELESS | R        | 02/02/21 | 02/10/21 |      |          | 9870786267     | N    |  |  |
|                  | Vendor Total:                  |                                | 343.48    |                     |                              |          |          |          |      |          |                |      |  |  |
| V0021            | VISUAL COMPUTER SOLUTIONS, INC |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 21-00042         | 01/29/21                       | ANNUAL RENEWAL SERVICE         |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 1                | ANNUAL RENEWAL SERVICE         |                                | 1,805.00  | 1-01-25-240-001-029 | B Maint. Contracts - Other   | R        | 01/29/21 | 02/10/21 |      |          | 13552          | N    |  |  |
|                  | Vendor Total:                  |                                | 1,805.00  |                     |                              |          |          |          |      |          |                |      |  |  |
| W0071            | WASTE MGMT OF NEW JERSEY, INC. |                                |           |                     |                              |          |          |          |      |          |                |      |  |  |
| 20-01286         | 10/09/20                       | DUMPSTER CONTRACT 2ND 1/2 2020 |           | B                   |                              |          |          |          |      |          |                |      |  |  |
| 22               | INV 2971120-0502-2 1/4/21      |                                | 1,029.00  | 0-01-26-305-001-029 | B Contract-Dumpsters         | R        | 10/09/20 | 02/10/21 |      |          | 2971120-0502-2 | N    |  |  |
| 23               | INV 2971120-0502-2 1/4/21      |                                | 422.00    | 0-01-26-305-001-029 | B Contract-Dumpsters         | R        | 10/09/20 | 02/10/21 |      |          | 2971120-0502-2 | N    |  |  |
| 24               | INV 2971121-0502-0 1/4/21      |                                | 257.00    | 0-01-26-305-001-029 | B Contract-Dumpsters         | R        | 10/09/20 | 02/10/21 |      |          | 2971121-0502-0 | N    |  |  |
| 25               | INV 2971119-0502-4 1/4/2021    |                                | 515.00    | 0-01-26-305-001-029 | B Contract-Dumpsters         | R        | 10/09/20 | 02/10/21 |      |          | 2971119-0502-4 | N    |  |  |

| Vendor # Name                                   |                               |                                |                       |                       |                            |                    |          |              |                |   | 1099 |
|-------------------------------------------------|-------------------------------|--------------------------------|-----------------------|-----------------------|----------------------------|--------------------|----------|--------------|----------------|---|------|
| PO #                                            | PO Date                       | Description                    | Contract              | PO Type               |                            | First              | Rcvd     | Chk/Void     |                |   |      |
| Item Description                                |                               |                                | Amount Charge Account | Acct Type Description |                            | Stat/Chk Enc Date  | Date     | Date Invoice |                |   | ExcL |
| <b>w0071    WASTE MGMT OF NEW JERSEY, INC.</b>  |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| Continued                                       |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 20-01286                                        | 10/09/20                      | DUMPSTER CONTRACT 2ND 1/2 2020 | Continued             |                       |                            |                    |          |              |                |   |      |
| 26 INV                                          | 2971119-0502-4                | 1/4/2021                       | 343.00                | 0-01-26-305-001-029   | B Contract-Dumpsters       | R                  | 10/09/20 | 02/10/21     | 2971119-0502-4 | N |      |
|                                                 |                               |                                | 2,566.00              |                       |                            |                    |          |              |                |   |      |
| Vendor Total:                                   |                               |                                | 2,566.00              |                       |                            |                    |          |              |                |   |      |
| <b>w0053    WILMAC BUSINESS EQUIPMENT.,INC</b>  |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 21-00040 01/29/21 ANNUAL MAINTENANCE CONTRACT   |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 1                                               | ANNUAL MAINTENANCE CONTRACT   |                                | 1,740.00              | 1-01-25-240-001-029   | B Maint. Contracts - Other | R                  | 01/29/21 | 02/10/21     | 1273           | N |      |
| Vendor Total:                                   |                               |                                | 1,740.00              |                       |                            |                    |          |              |                |   |      |
| <b>WIREL005    WIRELESS ELECTRONICS, INC.</b>   |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 20-01765 12/31/20 MONTHLY SVC CONTRACT DEC 2020 |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 1                                               | MONTHLY SVC CONTRACT DEC 2020 |                                | 255.00                | 0-01-25-240-001-029   | B Maint. Contracts - Other | R                  | 12/31/20 | 02/10/21     | M60653         | N |      |
| Vendor Total:                                   |                               |                                | 255.00                |                       |                            |                    |          |              |                |   |      |
| <b>YYGLO005    YYG LOPEZ LLC</b>                |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 20-01731 12/31/20 MEAL DURING SNOWSTORM         |                               |                                |                       |                       |                            |                    |          |              |                |   |      |
| 1                                               | MEAL DURING SNOWSTORM         |                                | 82.69                 | 0-01-26-290-001-199   | B Miscellaneous            | R                  | 12/31/20 | 02/10/21     | B2             | N |      |
| 2                                               | DEDUCT TAX - TAX EXEMPT       |                                | 5.14-                 | 0-01-26-290-001-199   | B Miscellaneous            | R                  | 12/31/20 | 02/10/21     | B2             | N |      |
|                                                 |                               |                                | 77.55                 |                       |                            |                    |          |              |                |   |      |
| Vendor Total:                                   |                               |                                | 77.55                 |                       |                            |                    |          |              |                |   |      |
| Total Purchase Orders:                          | 110                           | Total P.O. Line Items:         | 269                   | Total List Amount:    | 159,852.67                 | Total Void Amount: | 0.00     |              |                |   |      |

| Totals by Year-Fund |      |             |             |              |               |           |               |            |
|---------------------|------|-------------|-------------|--------------|---------------|-----------|---------------|------------|
| Fund Description    | Fund | Budget Rcvd | Budget Held | Budget Total | Revenue Total | G/L Total | Project Total | Total      |
| CURRENT FUND        | 0-01 | 25,159.04   | 0.00        | 25,159.04    | 0.00          | 0.00      | 0.00          | 25,159.04  |
|                     | 0-09 | 8,032.89    | 0.00        | 8,032.89     | 0.00          | 0.00      | 0.00          | 8,032.89   |
| Year Total:         |      | 33,191.93   | 0.00        | 33,191.93    | 0.00          | 0.00      | 0.00          | 33,191.93  |
| CURRENT FUND        | 1-01 | 54,304.47   | 0.00        | 54,304.47    | 0.00          | 0.00      | 0.00          | 54,304.47  |
|                     | 1-09 | 65,375.77   | 0.00        | 65,375.77    | 0.00          | 0.00      | 0.00          | 65,375.77  |
|                     | 1-21 | 0.00        | 0.00        | 0.00         | 0.00          | 0.00      | 35.00         | 35.00      |
| Year Total:         |      | 119,680.24  | 0.00        | 119,680.24   | 0.00          | 0.00      | 35.00         | 119,715.24 |
| GENERAL CAPITAL     | C-04 | 6,269.50    | 0.00        | 6,269.50     | 0.00          | 0.00      | 0.00          | 6,269.50   |
|                     | G-02 | 676.00      | 0.00        | 676.00       | 0.00          | 0.00      | 0.00          | 676.00     |
| Total of All Funds: |      | 159,817.67  | 0.00        | 159,817.67   | 0.00          | 0.00      | 35.00         | 159,852.67 |

| Project Description            | Project No. | Rcvd Total   | Held Total  | Project Total |
|--------------------------------|-------------|--------------|-------------|---------------|
| Site Plan Application #2020-01 | 3PRCLLC     | 35.00        | 0.00        | 35.00         |
| Total of All Projects:         |             | <u>35.00</u> | <u>0.00</u> | <u>35.00</u>  |

# Resolution 2021-041

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

## **AWARDING A CONTRACT FOR REDEVELOPMENT AREA CIRCULATION STUDY – NV5**

**WHEREAS,** The Borough of Hightstown has been awarded a Redevelopment Area Circulation Plan Grant through Delaware Valley Regional Planning Commission (DVRPC); and

**WHEREAS,** a Request For Proposal was advertised for a consultant to perform a Redevelopment Area Circulation Study; and

**WHEREAS,** three (3) proposals were received and reviewed by the Complete Streets Committee and it is the committee's recommendation that a contract be awarded to NV5 of Parsippany, New Jersey in the amount of \$49,970.00; and

**WHEREAS,** the CFO has certified that funds are available for this purpose.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that a contract to perform a Redevelopment Area Circulation Study be awarded to NV5 of Parsippany, New Jersey in the amount of \$49,970.00.

### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

---

Margaret Riggio  
Deputy Borough Clerk

# HIGHTSTOWN REDEVELOPMENT AREA CIRCULATION STUDY



SUBMITTED TO



Hightstown Borough  
156 Bank Street  
Hightstown, NJ 08520

SUBMITTED BY



IN ASSOCIATION WITH

**Bright View Engineering**  
*Moving you forward*



December 2020

## COST PROPOSAL

| BOROUGH OF HIGHTSTOWN - Redevelopment Area Circulation Study |                                                    |                      |                       |                |             |                              |                         |              |
|--------------------------------------------------------------|----------------------------------------------------|----------------------|-----------------------|----------------|-------------|------------------------------|-------------------------|--------------|
|                                                              |                                                    | NV5, Inc.            |                       |                |             | Bright View Engineering, LLC |                         |              |
|                                                              |                                                    | B Zimny/<br>Director | M Dannemiller         | R Sheth        | R Gates     | J Fishinger                  | A Larsen/<br>J Restrepo | Total        |
|                                                              |                                                    | Director             | Principal<br>Engineer | Urban Designer | Planner     | Traffic Director             | Engineer                |              |
| Tasks                                                        | Burdened Labor                                     | \$ 240.00            | \$ 165.00             | \$ 95.00       | \$ 80.00    | \$ 229.50                    | \$ 135.00               |              |
| 1                                                            | Analyze Existing Documents                         | 2                    | 2                     | 4              |             | 2                            | 2                       | 12           |
| 2                                                            | Analyze Redevelopment Plan                         | 2                    | 2                     | 4              |             | 2                            | 2                       | 12           |
| 3                                                            | Roundabout Feasibility Assessment & Concept Design | 4                    | 8                     | 2              |             | 20                           | 30                      | 64           |
| 4                                                            | Intersection Configuration Descriptions            | 4                    | 15                    | 2              |             | 20                           | 32                      | 73           |
| 5                                                            | Community Input                                    | 2                    | 16                    | 20             | 10          | 6                            | 6                       | 60           |
| 6                                                            | Final Report and Planning Board Presentations      | 2                    | 36                    | 40             | 20          |                              | 16                      | 114          |
|                                                              | Total Hours                                        | 16                   | 79                    | 72             | 30          | 50                           | 88                      | 335          |
|                                                              | Loaded Labor                                       | \$ 3,840.00          | \$ 13,035.00          | \$ 6,840.00    | \$ 2,400.00 | \$ 11,475.00                 | \$ 11,880.00            | \$ 49,470.00 |
|                                                              | Expenses                                           |                      |                       |                |             |                              |                         | \$ 500.00    |
|                                                              |                                                    | \$ 26,115.00         |                       |                |             | \$ 23,355.00                 |                         | \$ 49,970.00 |



Delivering Solutions  
Improving Lives

# Resolution 2021-042

BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY

## RESOLUTION IN SUPPORT OF H.R. 946 – THE STOP THE ATTACK LOCAL TAXPAYERS ACT

**WHEREAS**, each provision of the Federal Tax Code, which is incredibly complex, was enacted for a reason. While some of those reasons may no longer serve the public's interest, others remain fair and effective tools that promote the general welfare; and

**WHEREAS**, the deduction for state and local taxes (SALT) has been a feature of the tax code for more than 100 years. In 1913, the first federal income tax form allowed taxpayers to deduct state and local taxes, one of only six deductions allowed at the time; and

**WHEREAS**, a federal tax reform law passed in 2017 capped the deductibility of state and local taxes at \$10,000 forcing double taxation for residents that pay in excess of that amount, as well as harm to states and communities that rely on tax payments that support public services which benefit all citizens, such as K-12 schools, law enforcement and public safety, transportation and infrastructure, and vital community and public health services; and

**WHEREAS**, New Jersey 9<sup>th</sup> District Congressman Bill Pascrell has introduced H.R. 946 the Stop the Attack on Local Taxpayers (SALT) Act, which eliminates the \$10,000 cap on property tax deduction and retroactively removes the cap; and

**WHEREAS**, taxpayers in all 50 states benefit from the SALT deduction that is claimed by taxpayers of all income levels; and

**WHEREAS**, the deduction is especially important for middle-income homeowners, as fifty percent of the deductions claimed by taxpayers making \$50,000 to \$100,000 are for property taxes; and

**WHEREAS**, the SALT deduction does not unfairly benefit taxpayers in high tax states. To the contrary, low tax states are generally more dependent on the federal government, receiving more in federal funding than they pay in federal taxes. According to one study, New Jersey, New York, and Illinois are among the states that receive less than \$1 from the federal government for every \$1 paid in federal taxes;

**NOW, THEREFORE, BE IT RESOLVED**, that the governing body of the Borough of Hightstown, supports the full tax deductibility outlined in H.R. 946 and urges all members of the New Jersey Congressional Delegation as well as all members of congress to support the SALT Act, with voice and vote, to restore the fair and reasonable SALT deductibility provision from the Federal Tax Code; and,

**BE IT FURTHER RESOLVED** that copies of this resolution be forwarded to Congresswoman Bonnie Watson Coleman, Senators Booker and Menendez, President Joe Biden and the New Jersey State League of Municipalities.

### CERTIFICATION

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

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Margaret Riggio  
Deputy Borough Clerk

# Resolution 2021-043

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

## **AMENDING RESOLUTION 2020-236 - AWARDING CONTRACT FOR CALCIUM HYDROXIDE (HYDRATED LIME) – GEORGE S. COYNE CHEMICAL CO., INC.**

**WHEREAS**, Resolution 2020-236 was adopted by Hightstown Borough Council on December 7, 2020 awarding a contract for Calcium Hydroxide (Hydrated Lime) to George S. Coyne Chemical of Croydon, Pennsylvania; and

**WHEREAS**, Resolution 2020-236 stated the two year contract was for Calcium Hydroxide (Hydrated Lime) for the Advanced Wastewater Treatment Plant (AWWTP) in Hightstown Borough; and

**WHEREAS**, the two year contract awarded for Calcium Hydroxide (Hydrated Lime) should include the Hightstown Borough Water Treatment Plant.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Borough of Hightstown that Resolution 2020-236 awarding a contract for Calcium Hydroxide (Hydrated Lime) is amended to include the Hightstown Borough Water Treatment Plant.

### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

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Margaret Riggio  
Deputy Borough Clerk

# Resolution 2021-044

*BOROUGH OF HIGHTSTOWN  
COUNTY OF MERCER  
STATE OF NEW JERSEY*

**“A RESOLUTION OPPOSING ACS 1571 & 1576 WHICH IMPOSES PREVAILING  
WAGE FOR PUBLIC WORK ON PROPERTIES RECEIVING TAX ABATEMENTS  
OR EXEMPTIONS”**

## **RESOLUTION FORTHCOMING**

### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on February 16, 2021.

---

Margaret Riggio  
Deputy Borough Clerk



## Borough of Hightstown

156 Bank Street, Hightstown, NJ 08520  
(609) 490-5100 Fax: (609) 371-0267

Website: [www.hightstownborough.com](http://www.hightstownborough.com)

February 16, 2021

To; Senator Linda Greenstein  
Assemblyman Daniel R. Benson  
Assemblyman Wayne P. DeAngelo

Re: ACS 1571 & 1576

Dear (Senator/Assemblyman):

As Mayor of the Borough of Hightstown I am writing you today to express strong objection to ACS 1571 and 1576, which impose prevailing wage requirements on any property where a public body has provided, approved, or authorized a tax abatement or tax exemption. In Hightstown, where 27.5% of the property is tax exempt (which increases to 38% with utility rights of way) the use of PILOTS for redevelopment projects and tax abatements for improvements to residential properties are essential tools to promote long-term growth and redevelopment that positively impacts the quality of life in the Borough while providing much needed tax relief.

Payments in lieu of taxes (PILOTs) are the single-most powerful tool available to municipalities to encourage property owners and developers to make improvements to property or to locate a project in a distressed or blighted area. They are granted only where the municipality has determined that the project would not occur but for the PILOT and have been instrumental in the construction of affordable housing, environmental remediation, historic preservation, and the installation of infrastructure.

Increasing the cost of already challenged projects by requiring a private property owner to pay prevailing wage for improvements on their property will prompt a greater demand on the municipality to provide additional concessions, such as increase density or building heights, in the PILOT at the expense of property taxpayers. This will diminish municipal revenue and property tax relief and may even prevent projects from moving forward in the Borough.

In fact, since the Borough's Five-Year Tax Abatement Ordinance for qualified improvements was adopted in 2015, the Borough has seen thirteen (13) private property owners perform improvements to the interior and exterior of their homes which will realize an assessed value of \$200,000.00 to the Borough. Without these abatements, these projects would not have been undertaken; and the increased cost of paying prevailing wage for such improvements will only impede the improvement to the quality of life, revitalization of the Borough, and relief to the Borough's Taxpayers.

The Borough works closely with and supports Habitat for Humanity which has produced five (5) affordable housing units in the Borough; which would not be affordable if prevailing wage were required. Habitat makes the units affordable through donations and volunteers to minimize the total cost for the property and building. This can vary based by community, but the cost must be kept to a minimum to allow for a mortgage that is affordable to low- and moderate-income

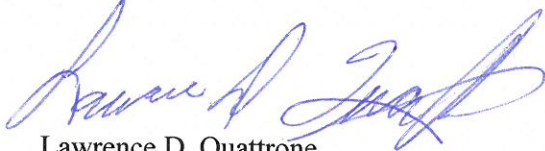
families. Various building and safety code regulations do not always allow for the use of volunteers and requiring prevailing wage contractors for these projects will be devastating to the ability of Habitat to produce affordable housing units throughout the state. A Government/Habitat partnership is one of the aids for municipalities to meet Affordable Housing obligations; municipalities do not have the financial resources to build these units nor the resources available to Habitat to keep them affordable.

Furthermore, if this legislation advances a planned redevelopment project in the Borough will not take place. This project is very important to the taxpayers of the Borough as well as to the revitalization of "Downtown". The project will redevelop a large parcel which has sat vacant and in need of redevelopment for over 30 years; and has had a history of projects abandoned by redevelopers. The redevelopment of this property and the re-use of pre-existing buildings within the project area, preserving an important part of Hightstown Borough's history, are very important to the Taxpayers. This project brings approximately \$60,000,000 - \$70,000,000 in assessed value to the Borough which without a PILOT would remain undeveloped; increasing project costs for redevelopment projects by requiring prevailing wage compromises the financial feasibility of such projects and discourages development/redevelopment.

COVID-19 has not only affected the public health, but it has also impacted our main street businesses and halted development. The Borough of Hightstown needs every tool available to encourage and spur post-COVID development, without the economy-stunting limitations of ACS 1571 and 1576. Otherwise, we are facing an even longer road to recovery with limited improvement to the quality of life for our Constituents.

Enclosed with this letter is a copy of a resolution adopted by the Hightstown Borough Council. We ask and encourage you to please oppose ACS 1571/1576 and S-1956.

Very truly yours,



Lawrence D. Quattrone  
Mayor

Enc.

- c: Governor Phil Murphy (w/enc)
- Senate President Steve Sweeney (w/enc)
- Assembly Speaker Craig Coughlin (w/enc)
- Assemblyman John Burzichelli, Chair, Assembly Appropriations Committee (w/enc)
- New Jersey League of Municipalities (w/enc)



February 4, 2021

Dear Mayor and Council,

For more than 54 years, Rise has worked to meet the needs of everyone in its community, believing that community connections are the key to thriving, stable towns for everyone. Since the onset of the pandemic, Rise has pivoted from broad community programming to focus on our essential service programs. Our efforts are concentrated on managing the increased demand for our Rise Pantry services. The Rise Pantry is now serving at least 300% more clients than before the pandemic. We anticipate high demand of the Rise Pantry will persist for a sustained period of time, at least through most of 2021.

The Borough of Hightstown has been a great friend of Rise and we truly appreciate all of the support.

But we could use your help. Due to the increase in clients and the corresponding increase in food, we are experiencing a significant increase in cardboard. Currently the Borough has graciously paid for our cardboard pick-up. Our pick-up is weekly on Thursdays.

Our request is to have an additional cardboard pick-up each week. It would be a great help to the appearance, minimizing the mounds of cardboard and allowing us to upkeep the Food Pantry more effectively.

Kindly review this request and let us know if the Town can assist us. I look forward to hearing from you soon.

Thank you for your consideration.

Sincerely,  
Leslie Koppel

Tax exempt identification number: **C0222405087-000**

**Subsection 28-28-2 Continuation; Enlargement; Rebuilding; Change of Use.**

j. Additions to existing single-family dwellings and/or decks constructed on existing buildings which would extend into the required front, side or rear yards shall be permitted if the following conditions are met:

1. The existing and proposed residential use is permitted in the zone in which it is located.
2. The total lot coverage, off-street parking, garage and building height requirements of the applicable zone are met.
3. The existing residential structure does not reduce any required setback by more than fifty (50%) percent and the proposed setback of any addition does not increase any yard setback deficiency of the existing dwelling.
4. The length (front yard to rear yard) of the proposed violation of any side yard does not exceed thirty-five (35') feet.
5. All other applicable zone requirements affected by this proposed addition are met, except that existing lot area and lot width deficiencies shall not require variances, provided that all other requirements of this section are met. (1991 Code § 233-64; Ord. No. 1996-15 § 1; Ord. No. 2011-07)

k. Owners of undersized vacant lots can avoid appearing before the Planning Board for a Bulk Variance to build a new house if they meet all of the following conditions:

1. The proposed residential use is permitted in the zone in which it is located.
2. The proposed house does not encroach on any setback.
3. The proposed house and accessory structures does not exceed the percentage of lot coverage for all buildings.
4. The total lot coverage of all proposed structures and all other proposed lot improvements do not exceed the total allowed lot coverage.
5. The proposed house and accessory structure does not exceed the maximum height.
6. The proposed house and accessory structure is approved by the Planning Board Architectural Review Committee.
7. The proposed house and accessory structure is approved by the Hightstown Historic Preservation Commission.
8. All other applicable zone requirements affected by the proposed house and accessory structures are met, except that the existing lot area and lot width deficiencies shall not require variances, provided that all other requirements of this section are met.







# Borough of Hightstown Planning Board

156 Bank Street, Hightstown, New Jersey 08520

609-490-5100, extension 617

Website: [www.hightstownborough.com](http://www.hightstownborough.com)

TO: Borough Council

FROM: Sandra Belan, Planning Board Secretary

SUBJECT: Planning Board Action – Zoning Map and Undersized Vacant Lot

DATE: November 13, 2019

At their meeting on November 12, 2019, the Planning Board referred the following matters to the Borough Council for their consideration.

- 1) Zoning Map – Consensus of the Planning Board that Ordinance 2019-15 and “Existing Zoning Map” dated September 2019, be revised to show the extended Zones for the DTC and DTG as noted in the 2014 Master Plan Re-Examination Report and remove the GR zone, which is no longer applicable.
- 2) Proposed Ordinance Change for Undersized Vacant Lot, Subsection 28-28-2 Continuation; Enlargement; Rebuilding; Change of Use – Planning Board proposes the following changes to the proposed ordinance:
  - a) k. Owners of existing undersized vacant lots, as of the date of the adoption of this ordinance, can avoid appearing before the Planning Board for a Bulk Variance to build a new house if they meet all of the following conditions...
  - b) #6. The proposed house and accessory structure will be reviewed is approved by the Planning Board Architectural Review Committee.
  - c) #7. The proposed house and accessory structure will be reviewed is approved by the Hightstown Historic Preservation Commission.