

AGENDA
Monday, February 22, 2021
6:00 PM

Mayor & Council Regular Meeting
Mayor & Borough Council

Borough of Chatham
54 Fairmount Avenue
Chatham, NJ 07928

CALL MEETING TO ORDER

The meeting will be called to order at 6:00 p.m.

SALUTE TO FLAG

MOMENT OF SILENCE

STATEMENT OF ADEQUATE NOTICE

Pursuant to the requirements of the Open Public Meetings Act, adequate notice of this meeting has been provided by including same in the Annual Notice, copies of which were posted on the official bulletin board on the main floor of Borough Hall, emailed to the Daily Record, the Star Ledger, the Chatham Courier, the Chatham Patch, and TAPinto Chatham and was filed with the Borough Clerk, all on January 8th, 2020.

ROLL CALL

Mayor Thaddeus J. Kobylarz
Council President Carolyn Dempsey
Council Member Jocelyn Mathiasen
Council Member Karen Koronkiewicz
Council Member Irene Treloar
Council Member Leonard Resto
Council Member Frank Truilo
Stephen W. Williams, Borough Administrator
Tamar Lawful, Borough Clerk
Steven Kleinman, Borough Attorney

PROCLAMATION/RESOLUTION

RESOLUTION # 21-119

**CELEBRATING NATIONAL NUTRITION MONTH®
IN THE MONTH OF MARCH**

WHEREAS, National Nutrition Month® is a nutrition, education ,and information campaign created annually in March by the Academy of Nutrition and Dietetics to focus attention on the importance of making informed food choices and developing sound eating and physical activity habits; and

WHEREAS, National Nutrition Month® encourages us to achieve the numerous benefits healthy eating habits offer, and it also urges us to find ways to cut back on food waste; and

WHEREAS, the Mayor’s Wellness Advisory Committee was established to work with Mayors and key leaders to promote healthy behaviors and shape healthier lifestyles for the men, women and children in their communities; and

WHEREAS, the Mayor’s Wellness Advisory Committee recognizes that food is the substance by which life is sustained and the type, quality, and amount of food that individuals consume each day plays a vital role in their overall health and physical fitness; and

WHEREAS, there is a need for continuing nutrition education and a wide-scale effort to encourage healthy eating practices.

BE IT RESOLVED, that the Mayor and Council of the Borough of Chatham, together with the Mayor’s Wellness Advisory Committee, encourages all citizens to celebrate National Nutrition Month® during the month of March and in doing so, become more informed about their food choices and nutrition, and develop sound eating and physical activity habits to achieve optimum health for both today and tomorrow.

[21-119 CELEBRATING NATIONAL NUTRITION MONTH IN THE MONTH OF MARCH 2021.doc](#)

ADOPTION OF COUNCIL MEETING MINUTES

RESOLUTION #21-120

RESOLUTION TO ADOPT COUNCIL MEETING MINUTES

BE IT RESOLVED, by the Council of the Borough of Chatham that the minutes from the following meeting are approved as prepared and shall be filed as a permanent record in the Borough Clerk’s office:

January 25, 2021

RECUSALS

Recusals or abstentions submitted for the record.

DISCUSSION ITEMS

1. CHATHAM SEPAG (SPECIAL EDUCATION PARENT ADVISORY GROUP) - BONNIE PRESS AND AIMEE REALI

MAYOR'S REPORT

MEETING OPEN TO THE PUBLIC

NOTICE OF PUBLIC COMMENT TIME LIMIT

Residents wishing to make public comments may dial 929-205-6099 (Meeting ID: 852 2450 4444) or obtain online access of the meeting using the following URL: <https://us02web.zoom.us/j/85224504444>

Hearing of citizens during the Public Comment section of the Agenda is an opportunity for any member of the public to be heard about issues which are/are not topics scheduled for Public Hearing tonight. To help facilitate an orderly meeting, and to permit all to be heard, speakers are asked to limit their comments to a reasonable length of time.

ORDINANCES FOR SECOND READING

Mayor Kobylarz asks Council Member Mathiasen to proceed with Ordinance # 21-04.

Council Member Mathiasen reads Ordinance # 21-04 by title as follows:

ORDINANCE # 21-04

ORDINANCE APPROVING THE EXECUTION OF A FINANCIAL AGREEMENT WITH CHATHAM RIVER ROAD URBAN RENEWAL, LLC

Which Ordinance was introduced and passed on first reading at a regular Council meeting held on February 8, 2021.

Mayor Kobylarz asks the Borough Clerk to give a summary of the legal notice.

The Borough Clerk states: A legal notice was published indicating that Ordinance # 21-04 was introduced and passed on first reading at the February 8, 2021 meeting and indicated the second reading

and public hearing would be held at 6:00 p.m. on February 22, 2021 for consideration of final adoption. Copies of this Ordinance were made available to the general public and posted in accordance with the law.

Mayor Kobylarz: The meeting is now open for a public hearing on the Ordinance and any member of the public may be heard.

Mayor Kobylarz: Seeing no one else wishing to be heard, I will now close the public hearing.

Council Member Mathiasen: I offer the following Ordinance and move its adoption:

BE IT RESOLVED, that this Ordinance as read by title on second reading, and after public hearing at this meeting, be adopted and finally passed.

Council Member _____ seconds the motion.

Mayor Kobylarz asks the Borough Clerk for a Roll Call Vote:

Name	Motion	Second	Yes	No	Abstain	Absent
Dempsey						
Mathiasen						
Koronkiewicz						
Treloar						
Resto						
Truilo						

[ORDINANCE 21-04 \[INTRO\] - FINANCIAL AGREEMENT WITH CHATHAM RIVER ROAD URBAN RENEWAL, LLC.docx](#)

REPORTS - COUNCIL MEMBERS

MAYOR'S REPORT II

ADMINISTRATOR'S REPORT

CONSENT AGENDA

The following items are considered to be routine by the Chatham Borough Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the Agenda.

Resolution #21-121 through Resolution #21-125 have been placed on the Consent Agenda.

**RESOLUTION[S] REMOVED FROM THE CONSENT AGENDA
FOR DISCUSSION AND VOTE**

RESOLUTION #21-

APPOINTMENTS

RESOLUTION 21-121

RE-APPOINTING CHERI MORRIS AS REGISTRAR OF VITAL STATISTICS

21-121 REAPPOINT CHERI MORRIS AS REGISTRAR OF VITAL STATISTICS [March 2021-2024].doc

FINANCE

RESOLUTION # 21-122

BILLS LIST

21-122 RESOLUTION TO APPROVE PAYMENT OF VOUCHERS.doc
02-22-2021 Bills List.pdf

OTHER

RESOLUTION # 21-123

2021 SPRING CLEAN INITIATIVE FOR THE YEAR 2021

21-123 RESOLUTION AUTHORIZING THE SPRING CLEAN INITIATIVE FOR THE YEAR 2021
AND AUTHORIZING THE SOLICITATION OF CHARITABLE DONATIONS.doc

RESOLUTION # 21-124

RESIGNATION OF BENJAMIN ZINN AS A FIRE FIGHTER

21-124 RESOLUTION ACCEPTING THE RESIGNATIONS OF BENJAMIN ZINN AS A
FIREFIGHTER OF THE BOROUGH OF CHATHAM FIRE DEPARTMENT.doc

RESOLUTION 21-125

TO EXECUTE A MUNICIPAL ALLIANCE GRANT APPLICATION

21-125 RESOLUTION AUTHORIZING THE MAYOR AND COUNCIL LIAISON TO THE MUNICIPAL ALLIANCE COMMITTEE OF THE CHATHAMS TO EXECUTE A MUNICIPAL ALLIANCE GRANT APPLICATION FOR GRANT YEAR OCT 2020 – JUNE 2021.doc

CONSENT AGENDA VOTE:

Mayor Kobylarz asks Council Member _____ to proceed with the Resolutions listed on the Consent Agenda. Resolutions # 21-121 through 21-125.

Council Member _____: I would like to make a motion to approve the resolutions placed on this evening's Consent Agenda by consent of the Council.

Seconded by Council Member: _____ .

ORDINANCES FOR FIRST READING

Mayor Kobylarz asks Council Member Mathiasen to introduce Ordinance #21-05.

Council Member Mathiasen introduces Ordinance #21-05 by title as follows:

ORDINANCE #21-05

BOROUGH OF CHATHAM PROPOSED AMENDMENTS TO LAND USE ORDINANCE CHAPTER 165 ARTICLE XIV STORMWATER MANAGEMENT AND CONTROL

Council Member Mathiasen explains the purpose of the Ordinance and moves for introduction on First Reading.

Council Member Mathiasen reads:

WHEREAS, the above Ordinance was introduced and read by title at this Council meeting held on February 22, 2021.

BE IT RESOLVED, that at the Council meeting to be held on March 8, 2021 at 6:00 p.m. prevailing time, at Borough Hall, the Chatham Borough Council will further consider this Ordinance for a second reading, public hearing and final passage; and

BE IT FURTHER RESOLVED, that the Clerk is hereby requested to publish the proper notice

thereof, including this Ordinance, post the Ordinance on the bulletin board in Borough Hall and make copies available to members of the general public.

Council Member Mathiasen: I offer Ordinance # 21-05 and move its adoption on first reading.

Council Member _____ seconds the motion.

Mayor Kobylarz asks the Borough Clerk for a Roll Call Vote:

Name	Motion	Second	Yes	No	Abstain	Absent
Dempsey						
Mathiasen						
Koronkiewicz						
Treloar						
Resto						
Truilo						

[ORDINANCE 21-05 \[INTRO\] - ORDINANCE TO AMEND THE CHATHAM BOROUGH STORMWATER MANAGEMENT.docx](#)

ADD-ON RESOLUTION[S]

ADJOURNMENT



Borough of Chatham

BOROUGH HALL

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RESOLUTION #21-119

CELEBRATING NATIONAL NUTRITION MONTH® IN THE MONTH OF MARCH

WHEREAS, National Nutrition Month® is a nutrition, education, and information campaign created annually in March by the Academy of Nutrition and Dietetics to focus attention on the importance of making informed food choices and developing sound eating and physical activity habits; and

WHEREAS, National Nutrition Month® encourages us to achieve the numerous benefits healthy eating habits offer, and it also urges us to find ways to cut back on food waste; and

WHEREAS, the Mayor's Wellness Advisory Committee was established to work with Mayors and key leaders to promote healthy behaviors and shape healthier lifestyles for the men, women and children in their communities; and

WHEREAS, the Mayor's Wellness Advisory Committee recognizes that food is the substance by which life is sustained and the type, quality, and amount of food that individuals consume each day plays a vital role in their overall health and physical fitness; and

WHEREAS, there is a need for continuing nutrition education and a wide-scale effort to encourage healthy eating practices.

BE IT RESOLVED, that the Mayor and Council of the Borough of Chatham, together with the Mayor's Wellness Advisory Committee, encourage all citizens to celebrate National Nutrition Month® during the month of March and in doing so, become more informed about their food choices and nutrition, and develop sound eating and physical activity habits to achieve optimum health for both today and tomorrow.

Adopted: February 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful
Borough Clerk

Thaddeus Kobylarz
Mayor

CERTIFICATION

I, Tamar Lawful, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk



Borough of Chatham

BOROUGH HALL

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ORDINANCE 21-04

ORDINANCE APPROVING THE EXECUTION OF A FINANCIAL AGREEMENT WITH CHATHAM RIVER ROAD URBAN RENEWAL, LLC

WHEREAS, this Ordinance was introduced and read by title at a meeting of the Council for the Borough of Chatham (the “Council”) held on February 8, 2021; and

WHEREAS, the Mayor and Council by Resolution Number 18-265, dated August 13, 2018 requested that the Planning Board of the Borough of Chatham (the “Board”) undertake a preliminary investigation to determine whether the study area identified in the Resolution is in need of redevelopment pursuant to N.J.S.A. 40A:12A-6; and

WHEREAS, on November 7, 2018, the Planning Board, having accepted the findings of the “Preliminary Investigation of River Road North, Chatham Borough New Jersey” report (the “Redevelopment Investigation Report”) and having conducted a hearing thereon, adopted a Memorializing Resolution accepting the findings of the Redevelopment Investigation Report concluding that Block 135, Lots 9, 10 and 11 (collectively, “Redevelopment Area”), met the criteria for designation as a non-condemnation area in need of redevelopment under the Local Redevelopment and Housing Law, N.J.S.A.40A:12A-1, et seq. (the “Redevelopment Law”) and recommended that the Mayor and Council designate the River Road North Redevelopment Area as a non-condemnation Redevelopment Area in need of redevelopment pursuant to the Redevelopment Law; and

WHEREAS, on November 26, 2018, the Council adopted Resolution #18-331 designating the River Road North Redevelopment Area as a non-condemnation Redevelopment Area; and

WHEREAS, the Council and Board directed the Borough’s Planning consultant, Topology NJ, LLC (“Topology”), to prepare a Redevelopment Plan for the Redevelopment Area entitled “River Road Redevelopment Plan,” dated May 3, 2019 (the “Plan”); and

WHEREAS, following review by the Board on May 1, 2019, the Council by Ordinance No. 19-11 adopted the Plan on June 10, 2019; and

WHEREAS, the Council has directed Topology to prepare certain amendments to the Plan at the request of the designated redeveloper; and

WHEREAS, Topology prepared an amended and consolidated Redevelopment Plan for the Redevelopment Area entitled “River Road Development Plan”, dated January 22, 2021 (the “Amendment”); and

WHEREAS, following review by the Board, the Council by Ordinance No. 21-03 adopted the Amendment on February 8, 2021; and

WHEREAS, Chatham River Road Urban Renewal, LLC, an urban renewal entity formed and qualified to do business under the provisions of the Long Term Tax Exemption Law, *N.J.S.A. 40A:20-1, et seq.* (the “Entity”), proposed to undertake the redevelopment; and

WHEREAS, the Entity is the assignee of Chatham River Road Partners, LLC, which was designated the redeveloper pursuant to Resolution No. 20-184 of the Council; and

WHEREAS, as a part of the Redevelopment Plan set forth in the Amendment, the Redevelopment Area is to be redeveloped with up to 259 residential units, of which approximately 220 shall be market rate and of which fifteen percent (15%) but not less than 36 shall be affordable residences (the “Project”); and

WHEREAS, pursuant to the Long Term Tax Exemption Law of 1992, *N.J.S.A. 40A:20-1, et seq.*, (the “Tax Exemption Law”), the Borough is authorized to provide for tax exemption within a redevelopment area and for payments in lieu of taxes in accordance with the applicable provisions thereof; and

WHEREAS, the Entity has submitted an application, a copy of which is attached as Exhibit A (the “Exemption Application”) to the Borough for a tax exemption with respect to the improvements to be developed at the Redevelopment Area, and payment in lieu of taxes pursuant to the Tax Exemption Law; and

WHEREAS, the Exemption Application contains documentation evidencing financial responsibility and capability with respect to the proposed development; estimated total development costs; estimated time schedule for start and completion of the proposed Project; and conceptual plans; and

WHEREAS, the Borough evaluated the Exemption Application according to criteria which included financial capabilities, experience, expertise, project concept descriptions, and received advice from Topology, the Borough’s Redevelopment Counsel and financial consultant Nassau Consultants; and

WHEREAS, in order to enhance the economic viability of and the opportunity for a successful project, the Borough will enter into a “Financial Agreement” in the form attached as Exhibit B (capitalized terms not defined herein shall have the meaning assigned to such terms in the Financial Agreement) with the Entity governing payments made to the Borough in lieu of real estate taxes for the improved Redevelopment Area pursuant to the Tax Exemption Law; and

WHEREAS, the Borough made the following findings:

In accordance with the Tax Exemption Law, specifically *N.J.S.A. 40A:20-11*, the Borough hereby finds and determines that the Financial Agreement is to the direct benefit of the health, welfare and financial well-being of the Borough and its citizens because it allows for the

development of an underutilized property with an abandoned structure, and with limited value on the Borough's tax rolls into a productive, useful and job-creating property, and further:

- (a) The costs associated to the Borough with the tax exemption granted herein are minor compared to the benefit created by (i) the creation of numerous construction-related jobs, (ii) the construction of affordable housing units that will be available at a lower cost than would otherwise be the case (iii) the generation of full-time on-site employment, (vi) environmental remediation of Redevelopment Area, (v) benefits to the community including improvements to the intersection of River Road and Watchung Avenue, the extension and improvement of sidewalks from the property to adjacent properties, a contribution to the development of open space in the Borough and advance of smart growth and redevelopment policies.
- (b) Without the tax exemption granted herein it is unlikely the Project would otherwise to be undertaken; and

WHEREAS, in order to set forth the terms and conditions under which the Entity and the Borough shall carry out their respective obligations with respect to payment of the Annual Service Charge (as that term is defined in the Financial Agreement attached hereto) by the Entity, in lieu of real property taxes; and

WHEREAS, the Entity owns or will own the Redevelopment Area, is qualified to do business under the provisions of the Tax Exemption Law, and has submitted to the Mayor the Exemption Application, which is on file with the Office of the Borough Clerk, requesting a tax exemption for the Project; and

WHEREAS, the Mayor has submitted the Application and Financial Agreement to the Council with his written recommendation of approval (the "Mayor's Recommendation"), a copy of which is attached hereto as Exhibit C.

NOW THEREFORE, BE IT ORDAINED, by the Council of the Borough of Chatham, in the County of Morris, State of New Jersey as follows:

1. The Entity is hereby designated to act as redeveloper for the Project, in accordance with the Redevelopment Plan and the plans and specifications contained in the Application, subject to the conditions and as more fully set forth in the form of the Financial Agreement attached hereto.
2. The Exemption Application is hereby approved in accordance with the Mayor's Recommendation, a copy of which is attached hereto as Exhibit C.
3. The Borough hereby finds and determines that the Financial Agreement is to the direct benefit of the health, welfare and financial well-being of the Borough and its citizens because it allows for the development of an underutilized property into a useful and job-creating property, and further (a) the costs associated to the Borough with the tax exemption granted herein are minor compared to the benefit created by (i) the creation of numerous construction-related jobs, (ii) the construction of affordable housing units that will be available at a lower cost than would otherwise be the case (iii) the generation of full-time on-site employment, (iv) environmental remediation of

the Redevelopment Area, (v) benefits to the community including improvements to the intersection of River Road and Watchung Avenue, the extension and improvement of sidewalks from the property to adjacent properties, a contribution to the development of open space in the Borough and advance of smart growth and redevelopment policies, and (b) without the tax exemption granted herein it is unlikely the Project would otherwise be undertaken.

4. An exemption from taxation is hereby granted with respect to the Project for the term set forth in the Financial Agreement, but in no event shall the tax exemption extend beyond the earlier of (i) thirty five (35) years from the date of execution of the Financial Agreement or (ii) thirty (30) years from the date of the last Certificate of Completion (as defined in the Financial Agreement) and only so long as the Entity (and each applicable successor) remains subject to and complies with the Financial Agreement and the Tax Exemption Law. To the extent of any inconsistency with any prior Borough ordinance and/or Borough Code provision governing the granting of long-term tax exemptions, including, *inter alia*, procedures for application, review and approval, required terms of the Financial Agreement, required conditions and covenants, limits on duration, means of enforcement, and all other matters whatsoever, such prior Borough ordinances and/or Borough Code provisions are hereby waived (or, alternatively, shall be deemed to be amended and/or superseded by this Ordinance) to the extent of such inconsistency, but only with respect to this Ordinance.

5. The Financial Agreement, in substantially the form attached hereto as Exhibit B, is approved. The Mayor of the Borough is hereby authorized to execute, on the Borough's behalf, the Financial Agreement in substantially such form, with such editorial changes as the Mayor shall determine, in consultation with the Borough's Redevelopment Counsel, such determination to be conclusively evidenced by his execution of the Financial Agreement. The Financial Agreement is not to be signed until the Entity has entered into a Redevelopment Agreement with the Borough. The Borough Clerk is hereby authorized and directed to attest to the execution of the Financial Agreement by the Authorized Officers of the Borough as determined hereunder and to affix the corporate seal of the Borough to, the Financial Agreement.

6. An executed copy of the Financial Agreement shall be certified by the Borough Clerk and filed with the Office of the Borough Clerk. The Office of the Borough Clerk shall also forthwith file certified copies of this Ordinance and the Financial Agreement with the Director of the Division of Local Government Services pursuant to N.J.S.A. 40A:20-12.

7. Upon the execution of the Financial Agreement as contemplated herein, either the Entity or the Borough (through its Authorized Officers and the Borough Clerk) may file and record this Ordinance and the Financial Agreement with the Morris County Clerk such that the Financial Agreement and this Ordinance shall be reflected upon the land records of the County of Morris as a lien upon and a covenant running with the land constituting the Redevelopment Area.

8. The Authorized Officers of the Borough are hereby further severally authorized and directed to (i) execute and deliver, and the Borough Clerk is hereby further authorized and directed to attest to such execution and to affix the corporate seal of the Borough to, any document, instrument, or certificate deemed necessary, desirable, or convenient by the Authorized Officers or the Borough Clerk, as applicable, in their respective sole discretion, after consulting with the

Borough's Redevelopment Counsel, to be executed in connection with the execution and delivery of the Financial Agreement and the consummation of the transactions contemplated thereby, which determination shall be conclusively evidenced by the execution of each such certificate or other document by the party authorized hereunder to execute such certificate or other document, and (ii) perform such other actions as the Authorized Officers deem necessary, desirable or convenient in relation to the execution and delivery thereof.

9. This Ordinance shall take effect upon final passage and publication in accordance with the laws of the State of New Jersey.

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Introduced: February 08, 2021



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Borough of Chatham

BOROUGH HALL

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RESOLUTION #21-121

RESOLUTION RE-APPOINTING CHERI MORRIS AS THE REGISTRAR OF VITAL STATISTICS FOR THE BOROUGH OF CHATHAM PURSUANT TO N.J.S.A. 26:8-14

WHEREAS, there is a need for the Borough of Chatham to appoint a Certified Municipal Registrar of Vital Statistics; and

WHEREAS, in accordance with N.J.S.A. 26:8-14, Cheri Morris is a Certified Municipal Registrar and had indicated her willingness to be re-appointed to serve a 3-year term as the Borough's Registrar of Vital Statistics.

BE IT RESOLVED, by the Mayor and Council of the Borough of Chatham that Cheri Morris is hereby re-appointed as the Registrar of Vital Statistics for the Borough to serve a 3-year term effective March 17, 2021 through March 17, 2024, pursuant to state law; and

BE IT FURTHER RESOLVED, that all other Borough officials are hereby authorized and directed to take all action necessary and appropriate to effectuate the terms of this Resolution.

Adopted: February 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful, Borough Clerk

Thaddeus Kobylarz, Mayor

CERTIFICATION

I, Robin R. Kline, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk



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Borough of Chatham

BOROUGH HALL

54 FAIRMOUNT AVENUE ▪ CHATHAM ▪ NEW JERSEY 07928

RESOLUTION #21-122

RESOLUTION TO APPROVE PAYMENT OF VOUCHERS

WHEREAS, vouchers for payment have been submitted to the Borough Council by the various municipal departments.

BE IT RESOLVED, by the Council of the Borough of Chatham that all vouchers approved by the Finance Chairman be paid subject to the certification of the availability of funds by the Chief Financial Officer.

Adopted: February 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful
Borough Clerk

Thaddeus Kobylarz
Mayor

CERTIFICATION

I, Tamar Lawful, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk

Batch Id: ASM Batch Type: C Batch Date: 02/22/21 Checking Account: CLAIMS ACCOUNT G/L Credit: Budget G/L Credit
Generate Direct Deposit: N

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
02/22/21 ATLAN500 ATLANTIC SALT								
BDG22288	02/03/21	3 1/31/21 ROAD SALT 2021	1,266.00	134 MIDDLE STREET 1-01-26-290-242 ROAD MAINTENANCE MATERIALS	Budget	Aprv	60	1
BDG22288	02/03/21	4 1/31/21 ROAD SALT 2021	1,179.78	1-01-26-290-242 ROAD MAINTENANCE MATERIALS	Budget	Aprv	61	1
			<u>2,445.78</u>					
02/22/21 AVSTE500 AVS TECHNOLOGY INC								
21000053	01/26/21	1 Troubleshoot Phone Line	300.00	140J COMMERCE WAY 0-01-25-240-246 TECHNOLOGY	Budget	Aprv	11	1
21000054	01/26/21	1 AMAG READER REPLACED	365.00	0-01-25-240-246 TECHNOLOGY	Budget	Aprv	12	1
21000055	01/26/21	1 TROUBLESHOOT SOUTH CAMERA	175.00	0-01-25-240-246 TECHNOLOGY	Budget	Aprv	13	1
			<u>840.00</u>					
02/22/21 BLACK500 BLACK MEADOWS MUTUAL AID ASSOC								
21000078	02/03/21	1 2021 Annual Memebership	100.00	% MADISON FIRE DEPARTMENT 1-01-25-265-203 CONFERENCES, DUES & TRAINING	Budget	Aprv	17	1
			<u>100.00</u>					
02/22/21 CAMPO700 CAMPOS, DANILO								
21000124	02/16/21	1 TREE PERMT REFUND - PAID TWICE	25.00	51 TALLMASDGE AVE 1-01-55-950-001 MISCELLANEOUS REFUNDS	Budget	Aprv	40	1
			<u>25.00</u>					
02/22/21 CHATA270 CHATHAM FIRE DEPARTMENT CHIEF								
21000051	01/26/21	1 Reimburse Chief's Account	68.13	% 54 FAIRMOUNT AVE 1-01-25-265-202 SUPPLIES AND TOOLS	Budget	Aprv	9	1
			<u>68.13</u>					
02/22/21 CHATA340 CHATHAM NAPA								
BDG22293	02/12/21	2 JANUARY 2021 AUTO SUPPLIES	1,099.80	26 WATCHUNG AVE A/C # 2250 1-01-26-315-201 VEHICLE MAINTENANCE Public works	Budget	Aprv	62	1
			<u>1,099.80</u>					
02/22/21 CHATA420 CHATHAM TOWNSHIP POLICE DEPAT								
21000056	01/26/21	1 USAGE OF FIRING RANGE	500.00	401 SOUTHERN BOULEVARD, 0-01-25-240-237 WEAPONS - AMMUNITION	Budget	Aprv	14	1
			<u>500.00</u>					
02/22/21 DAILY500 DAILY RECORD								
BDG22297	01/19/21	11 RES 21-01 MEETING DATES	24.94	P O BOX 677599 1-01-20-120-202 ADVERTISING	Budget	Aprv	63	1
BDG22297	01/19/21	12 VIRTUAL MEETING 2/8/21	12.47	1-01-20-120-202 ADVERTISING	Budget	Aprv	64	1
BDG22297	01/19/21	13 ORD 21-04 2/11/21	21.50	1-01-20-120-202 ADVERTISING	Budget	Aprv	65	1
BDG22297	01/19/21	14 ORD 21-01 2/11/21	19.35	1-01-20-120-202	Budget	Aprv	66	1

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
BDG22297	01/19/21	15 ORD 21-02 2/11/21	16.77	ADVERTISING 1-01-20-120-202	Budget	Aprv	67	1
BDG22297	01/19/21	16 ORD 21-03 2/11/21	18.49	ADVERTISING 1-01-20-120-202	Budget	Aprv	68	1
			<u>113.52</u>	ADVERTISING				
02/22/21 DORSE500 DORSEY & SEMRAU								
21000099	02/12/21	1 STATE APPEALS JANUARY 2021	574.00	714 MAIN ST 1-01-20-150-223	Budget	Aprv	35	1
			<u>574.00</u>	APPRAISAL SERVICES & LEGAL				
02/22/21 DREYE500 DREYERS LUMBER								
BDG21941	02/12/21	117 DECEMBER HARDWARE 2020	39.20	ATTN: JODI 0-01-26-290-202	Budget	Aprv	54	1
BDG21941	02/12/21	118 DECEMBER HARDWARE 2020	75.24	SUPPLIES AND TOOLS 0-01-26-290-202	Budget	Aprv	55	1
BDG21941	02/12/21	119 DECEMBER HARDWARE 2020	17.66	SUPPLIES AND TOOLS 0-01-25-265-212	Budget	Aprv	56	1
			<u>132.10</u>	EQUIPMENT PURCHASE				
02/22/21 FEDEX500 FEDEX								
BDG22301	02/09/21	9 1/28/21 TERRIERO ENGINEERING	41.99	P O BOX 371461 1-01-21-180-201	Budget	Aprv	69	1
BDG22301	02/09/21	10 1/28/21 KENDRA LELIE	90.72	PLANNING BD. MISCELLANEOUS 1-01-21-185-201	Budget	Aprv	70	1
			<u>132.71</u>	BD OF ADJUSTMENT MISCELLANEOUS				
02/22/21 GRAYJ500 GRAY, JULIA								
21000038	01/26/21	1 SPRINKLER REPAIR	527.82	27 DUNBAR ST C-04-55-920-003	Budget	Aprv	7	1
			<u>527.82</u>	2020 CURB & SIDEWALK PROGRAM				
02/22/21 GTBMI500 G T B M INC.								
21000052	01/26/21	1 Oct-Dec Eticket 2020	46.80	P O BOX 305 0-01-25-240-246	Budget	Aprv	10	1
			<u>46.80</u>	TECHNOLOGY				
02/22/21 HENDR400 HENDRICKS APPRAISAL CO LLC								
BDG22305	02/12/21	4 64 MAIN ST SETTLEMENT MEORANDU	250.00	7 HUTTON AVE 1-01-20-150-223	Budget	Aprv	71	1
			<u>250.00</u>	APPRAISAL SERVICES & LEGAL				
02/22/21 HOMED500 HOME DEPOT								
BDG22306	02/09/21	2 1/25/21 HARDWARE SUPPLIES	171.24	DEPT. 32-2501121259 C-04-55-920-003	Budget	Aprv	72	1
BDG22306	02/12/21	4 1/29 HARDWARE SUPPLIES	48.40	2020 CURB & SIDEWALK PROGRAM 1-01-26-290-201	Budget	Aprv	73	1
BDG22306	02/12/21	5 1/29 HARDWARE SUPPLIES	29.04	PUBLIC WORKS MISCELLANEOUS 1-01-26-290-201	Budget	Aprv	74	1
BDG22306	02/12/21	6 1/29 HARDWARE SUPPLIES	29.04	PUBLIC WORKS MISCELLANEOUS 1-01-26-290-201	Budget	Aprv	75	1
				PUBLIC WORKS MISCELLANEOUS				

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
BDG22306	02/12/21	8 1/29 HARDWARE SUPPLIES	18.86	1-01-26-290-213	Budget	Aprv	76	1
BDG22306	02/16/21	10 2/8 HARDWARE SUPPLIES	159.84	EQUIPMENT REPAIRS & MAINTENANCE 1-01-26-290-202	Budget	Aprv	77	1
			456.42	SUPPLIES AND TOOLS				
	02/22/21	IACIO500 IACIOFANO & PERRONE ESQS.		157 WASHINGTON ST				
20000424	08/20/20	1 JULY LEGAL DISCIPLINARY	832.00	0-01-20-105-202	Budget	Aprv	2	1
			832.00	HUMAN RESR-LABOR ATTORNEY O.E.				
	02/22/21	JERSE500 JERSEY CENTRAL POWER & LIGHT		PO BOX 3687				
BDG22308	02/17/21	4 JAN-FEB 2021 JCP&L SERVICE	4,398.04	1-01-31-430-200	Budget	Aprv	78	1
BDG22308	02/17/21	5 JAN-FEB 2021 JCP&L SERVICE	511.83	ELECTRICITY 1-01-31-435-200	Budget	Aprv	79	1
BDG22308	02/17/21	6 JAN-FEB 2021 JCP&L SERVICE	6,026.66	STREET LIGHTING 1-05-55-502-309	Budget	Aprv	80	1
			10,936.53	ELECTRIC SERVICE				
	02/22/21	MADIS600 MADISON CHATHAM JOINT MEETING		% JENNIFER MANAK				
21000123	02/16/21	1 BALANCE DUE FOR 2020	3,512.04	0-01-31-455-010	Budget	Aprv	93	1
			3,512.04	SEWEAGE PROC & DISPOSAL S & W				
	02/22/21	MGLF0500 MGL PRINTING SOLUTIONS		154 SOUTH STREET				
BDG22312	02/09/21	2 1.65 TH 2-UP SOLID WASTE BILLS	509.85	1-07-55-502-294	Budget	Aprv	81	1
BDG22312	02/09/21	3 SHIPPING	43.00	PRINTING 1-07-55-502-294	Budget	Aprv	82	1
			552.85	PRINTING				
	02/22/21	MILAN500 MILANO, VITO		% CHATHAM BOROUGH				
21000040	01/26/21	1 TEST FEES REIMBURSEMENT	132.21	0-01-26-315-203	Budget	Aprv	8	1
			132.21	TRAINING AND CERTIFICATION				
	02/22/21	MUNIC705 MUNICIPAL CAPITAL FINANCE		ATTN: ACCOUNTS RECEIVABLE				
20000773	12/16/20	1 Lease Vehicle - Admin	11,677.07	0-01-25-240-295	Budget	Aprv	4	1
			11,677.07	AUTO PURCHASE				
	02/22/21	NJPLA500 NJ PLANNING OFFICIALS		P O BOX 7113				
21000101	02/12/21	1 NJ PLANNING MANDATROY TRAINING	85.00	1-01-21-185-203	Budget	Aprv	37	1
21000101	02/12/21	2 MLUL & GUIDE BOOK BUNDLE P6	32.00	CONFERENCES, DUES & TRAINING 1-01-21-185-203	Budget	Aprv	38	1
21000101	02/12/21	3 SHIPPING	4.00	CONFERENCES, DUES & TRAINING 1-01-21-185-203	Budget	Aprv	39	1
			121.00	CONFERENCES, DUES & TRAINING				
	02/22/21	NJSLE500 NJ S LEAGUE OF MUNICIPALITIES		222 WEST STATE ST				

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21000091	02/08/21	1 BUDGET FOR ELECTED OFFICIALS	150.00	1-01-20-110-200	Budget	Aprv	24	1
			<u>150.00</u>	MAYOR & COUNCIL - OTHER EXPENSE				
	02/22/21	NUSBA500 NUSBAUM STEIN BRONSTEIN & KRON		TOWN CENTRE BUILDING				
21000070	02/03/21	1 ATTEND DECEMBER MEETING	375.00	0-01-21-185-224	Budget	Aprv	15	1
				Bd of Adjustmt- Legal				
21000092	02/11/21	1 ZONING BOARD MEETING JAN 2021	375.00	1-01-21-185-223	Budget	Aprv	25	1
			<u>750.00</u>	PROFESSIONAL/LEGAL SERVICES				
	02/22/21	ODAYJ005 O'DAY, JEAN		34 KNOLL TER				
21000083	02/03/21	1 CELL BATTERY/BEAR FENCE	69.30	T-17-56-000-208	Budget	Aprv	18	1
			<u>69.30</u>	CHATHAM BOROUGH'S BEEKEEPERS CLUB				
	02/22/21	OFFIC300 OFFICE CONCEPTS GROUP		301 GREENWOOD AVE				
BDG22317	01/12/21	29 AT A GLANCE APT BOOK	13.90	1-01-20-100-202	Budget	Aprv	83	1
			<u>13.90</u>	SUPPLIES AND TOOLS				
	02/22/21	ONECA400 ONE CALL CONCEPTS		7223 PARKWAY DR				
BDG22318	02/11/21	3 JANUARY MARK OUTS 2021	258.46	1-05-55-502-324	Budget	Aprv	84	1
			<u>258.46</u>	FACILITY REPAIRS & MAINT.				
	02/22/21	PASSO500 PASSON'S SPORTS		ATTN: A/R DEPARTMENT				
20000474	09/03/20	1 TENNIS NETS QUOTE 21225663	865.74	R-15-56-852-501	Budget	Aprv	3	1
			<u>865.74</u>	JOINT FACILITIES' MAINT. & SUPPLIES				
	02/22/21	PIAZZ500 PIAZZA & ASSOCIATES INC		216 ROCKINGHAM ROW				
21000095	02/12/21	1 MONTHLY COMPLIANCE MONITORING	200.00	0-01-20-100-300	Budget	Aprv	28	1
				COAH RELATED				
21000095	02/12/21	2 MONTHLY COMPLIANCE MONITORING	200.00	0-01-20-100-300	Budget	Aprv	29	1
				COAH RELATED				
21000095	02/12/21	3 POSTAGE	7.70	0-01-20-100-300	Budget	Aprv	30	1
				COAH RELATED				
21000095	02/12/21	4 POSTAGE - SALES	10.45	0-01-20-100-300	Budget	Aprv	31	1
				COAH RELATED				
21000095	02/12/21	5 MONTHLY COMPLIANCE MONITORING	200.00	0-01-20-100-300	Budget	Aprv	32	1
				COAH RELATED				
21000095	02/12/21	6 MONTHLY COMPLIANCE MONITORING	200.00	0-01-20-100-300	Budget	Aprv	33	1
				COAH RELATED				
21000095	02/12/21	8 POSTAGE - RENTAL	0.00	0-01-20-100-300	Budget	Aprv	34	1
			<u>818.15</u>	COAH RELATED				
	02/22/21	PLOSI500 PLOSLIA COHEN LLC		CHESTER WOODS COMPLEX				
21000100	02/12/21	1 GENERAL LAOBOR MATTERS JANUARY	351.50	1-01-20-155-201	Budget	Aprv	36	1
			<u>351.50</u>	LEGAL - MISCELLANEOUS				

Check No.	Check Date	Vendor # Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct
PO #	Enc Date	Item Description			Description				
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	02/22/21	PRIME500 PRIMEPOINT LLC		2 SPRINGSIDE RD					
BDG22324	02/12/21	2 JAN PARYOLL SERVICE 2021	1,236.85	1-01-20-130-201	Budget	Aprv	85	1	
			<u>1,236.85</u>	PAYROLL EXPENSE					
<hr/>									
	02/22/21	PUBLI600 PUBLIC SERVICE ELECTRIC & GAS		P O BOX 14444					
BDG21969	02/24/20	25 DEC-JAN PSE&G FOR 2020	557.53	0-05-55-502-308	Budget	Aprv	57	1	
				FUEL - NATURAL GAS					
BDG21969	12/01/20	26 DEC-JAN PSE&G FOR 2020	4,228.22	0-01-31-446-200	Budget	Aprv	58	1	
			<u>4,785.75</u>	NATURAL GAS					
<hr/>									
	02/22/21	RICOH700 RICOH USA INC		P O BOX 41564					
BDG00024	01/21/21	16 FEB 2021 COPIER PAY # 54	32.10	1-01-21-180-213	Budget	Aprv	41	1	
				EQUIPMENT REPAIRS & MAINT.					
BDG00024	01/21/21	17 FEB 2021 COPIER PAY # 54	32.10	1-01-21-185-213	Budget	Aprv	42	1	
				EQUIPMENT REPAIRS & MAINTENANC					
BDG00024	01/21/21	18 FEB 2021 COPIER PAY # 54	1,014.54	1-01-20-100-212	Budget	Aprv	43	1	
				EQUIPMENT PURCHASE					
BDG00024	01/21/21	19 FEB 2021 COPIER PAY # 54	34.89	1-05-55-502-201	Budget	Aprv	44	1	
				ADM. MISCELLANEOUS					
BDG00024	01/21/21	20 FEB 2021 COPIER PAY # 54	343.46	1-01-25-240-215	Budget	Aprv	45	1	
				EQUIPMENT LEASE					
BDG00024	01/21/21	21 FEB 2021 COPIER PAY # 54	139.57	1-01-26-290-213	Budget	Aprv	46	1	
				EQUIPMENT REPAIRS & MAINTENANCE					
BDG00024	01/21/21	22 FEB 2021 COPIER PAY # 54	139.57	1-01-25-265-201	Budget	Aprv	47	1	
			<u>1,736.23</u>	Fire Misc.					
<hr/>									
	02/22/21	SUMMI400 SUMMIT ELECTRICAL SUPPLY		25 CHATHAM ROAD					
BDG22333	02/03/21	3 1/27 ELECTRICAL SUPPLIES 2021	55.76	1-01-26-310-240	Budget	Aprv	86	1	
			<u>55.76</u>	FACILITY REPAIRS & MAINTANCE					
<hr/>									
	02/22/21	SUMMI710 SUMMIT SAFETY LLC		2080 BROAD ST					
20000805	12/31/20	1 COVID - Embass. Vests	132.24	0-01-25-240-202	Budget	Aprv	5	1	
			<u>132.24</u>	SUPPLIES AND TOOLS					
<hr/>									
	02/22/21	VERAL005 V.E. RALPH		P O BOX633					
20000162	03/13/20	1 RESPIRATORS	144.00	0-01-25-240-205	Budget	Aprv	1	1	
			<u>144.00</u>	TRAINING/COMMUNITY SERVICE					
<hr/>									
	02/22/21	VERIZ700 VERIZON WIRELESS		P O BOX 408					
BDG22341	02/12/21	7 JAN 2021 VERIZON WIRELESS	589.23	1-01-31-440-200	Budget	Aprv	87	1	
				TELEPHONE					
BDG22341	02/12/21	8 JAN 2021 VERIZON WIRELESS	51.44	1-01-25-252-201	Budget	Aprv	88	1	
				MISCELLANEOUS					
BDG22341	02/12/21	9 JAN 2021 VERIZON WIRELESS	933.42	1-01-25-240-246	Budget	Aprv	89	1	
				TECHNOLOGY					

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
BDG22341	02/12/21	10 JAN 2021 VERIZON WIRELESS	122.66	1-01-28-370-214 TECHNOLOGY RELATED EXPENSES	Budget	Aprv	90	1
BDG22341	02/12/21	11 JAN 2021 VERIZON WIRELESS	228.30	1-01-25-265-201 Fire Misc.	Budget	Aprv	91	1
BDG22341	02/12/21	12 JAN 2021 VERIZON WIRELESS	114.03	1-01-25-266-201 FIRE SAFETY OE	Budget	Aprv	92	1
			<u>2,039.08</u>					
02/22/21 WBMA500 W B MASON COMPANY INC P O BOX 981101								
BDG21342	02/12/21	8 HP 250 & 251 TONER	32.42	1-01-20-100-202 SUPPLIES AND TOOLS	Budget	Aprv	48	1
BDG21342	02/16/21	10 STORAGE CABINET	455.18	1-01-25-240-212 EQUIPMENT PURCHASE	Budget	Aprv	49	1
BDG21342	02/04/21	11 SYMPHATHY CARDS	47.99	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	50	1
BDG21342	02/16/21	12 LABEL WRITER FOLDER LABELS	14.16	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	51	1
BDG21342	02/16/21	13 ULTRA SDXC 10 MEMORY CARD 125	32.99	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	52	1
BDG21342	02/16/21	14 BACKUP PLUS 4 TB HARD DRIVE	95.54	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	53	1
			<u>678.28</u>					
02/22/21 YMCA0500 YMCA (MADISON AREA) 111 KINGS RD								
21000094	02/12/21	1 BALANCE DUE FOR 1ST QTR 2021	150.00	1-01-25-240-298 PROJECT PRIDE	Budget	Aprv	27	1
			<u>150.00</u>					
02/22/21 YOUNG500 YOUNG, ROBERT A 28 KEYES ST								
21000071	02/03/21	1 Mask Fit Tetsing	105.00	1-01-25-265-299 MANDATORY TESTING	Budget	Aprv	16	1
			<u>105.00</u>					
02/22/21 Z13450 J & M PLANT & WICKER INC 201 MAIN ST								
21000017	01/19/21	1 FLOWERS - ANGELA MASTRIANI	89.95	0-01-20-100-201 ADMIN.MISCELLANEOUS	Budget	Aprv	6	1
			<u>89.95</u>					
02/22/21 Z16275 MORRIS COUNTY MUA 214A CETNER GROVE RD								
21000093	02/11/21	1 4th QTR RECYCABLE MATERIALS	18,835.69	1-07-55-502-232 CURBSIDE RECYCLING	Budget	Aprv	26	1
			<u>18,835.69</u>					
02/22/21 Z25885 STAPLES BUSINESS ADVANTAGE DEPT NY								
21000088	02/03/21	38 STAPLES DVD-4 100 PK	21.86	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	19	1
21000088	02/03/21	39 LABEL WRITER	73.17	1-01-25-240-202 SUPPLIES AND TOOLS	Budget	Aprv	20	1
21000088	02/12/21	40 TEMPERPEDIC CHAIR 6400	239.99	1-01-25-240-212 EQUIPMENT PURCHASE	Budget	Aprv	21	1
21000088	02/12/21	41 TEMPERPEDIC CHAIR 6400	239.99	1-01-25-240-212 EQUIPMENT PURCHASE	Budget	Aprv	22	1

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21000088	02/03/21	42 HP 90A TONER	135.23	1-01-20-100-202 SUPPLIES AND TOOLS	Budget	Aprv	23	1
BDG21975	02/17/21	132 CANON TONER	11.23	0-01-20-105-201 HUMAN RESOURCES MISC.	Budget	Aprv	59	1
			<u>721.47</u>					

	<u>Count</u>	<u>Line Items</u>	<u>Amount</u>
checks:	43	93	69,063.13

There are NO errors or warnings in this listing.

Totals by Year-Fund					
Fund Description	Fund	Budget Total	Revenue Total	G/L Total	Total
GENERAL CURRENT FUND	0-01	23,471.01	0.00	0.00	23,471.01
WATER OPERATING FUND	0-05	557.53	0.00	0.00	557.53
Year Total:		24,028.54	0.00	0.00	24,028.54
GENERAL CURRENT FUND	1-01	17,691.94	0.00	0.00	17,691.94
WATER OPERATING FUND	1-05	6,320.01	0.00	0.00	6,320.01
SOLID WASTE OPERATING FUND	1-07	19,388.54	0.00	0.00	19,388.54
Year Total:		43,400.49	0.00	0.00	43,400.49
GENERAL CAPITAL FUND	C-04	699.06	0.00	0.00	699.06
RECREATION TRUST FUND	R-15	865.74	0.00	0.00	865.74
GENERAL TRUST FUNDS	T-17	69.30	0.00	0.00	69.30
Total of All Funds:		69,063.13	0.00	0.00	69,063.13

G/L Posting Summary

Account	Description	Debits	Credits
1-01-101-01-000-002	CASH - INVESTORS SAVINGS BANK CHECKING	0.00	41,162.95
1-01-192-08-000-000	ANTICIPATED REVENUES	25.00	0.00
1-01-201-20-000-100	APPROPRIATIONS - CURRENT	17,666.94	0.00
1-01-203-20-000-000	APPROPRIATION RESERVES	23,471.01	0.00
	Totals for Fund 1-01 :	41,162.95	41,162.95
1-04-101-01-000-002	CASH - INVESTORS BANK CHECKING	0.00	699.06
1-04-215-55-000-002	IMPROV.AUTHORIZATION-UNFUNDED	699.06	0.00
	Totals for Fund 1-04 :	699.06	699.06
1-05-160-05-000-001	INTERFUND PAYROLL/BILLS LIST	0.00	6,877.54
1-05-201-55-000-201	CURRENT BUDGET - APPROPRIATIONS	6,320.01	0.00
1-05-203-55-000-000	APPROPRIATION RESERVE	557.53	0.00
	Totals for Fund 1-05 :	6,877.54	6,877.54
1-07-160-05-000-101	INTERFUND EXPEND PAYROLL/BILLS	0.00	19,388.54
1-07-201-55-000-201	O.E. APPROPRIATION PAYABLE	19,388.54	0.00
	Totals for Fund 1-07 :	19,388.54	19,388.54
1-15-101-01-000-002	CASH - INVESTORS BANK CHECKING	0.00	865.74
1-15-291-56-000-000	JOINT/EXPENDITURE MAINT. & SUPPLIES	865.74	0.00
	Totals for Fund 1-15 :	865.74	865.74
1-17-101-01-000-001	CASH GENERAL TRUST-INVESTORS BANK	0.00	69.30
1-17-289-56-000-208	CHATHAM BOROUGH'S BEEKEEPERS CLUB	69.30	0.00
	Totals for Fund 1-17 :	69.30	69.30
	Grand Total:	69,063.13	69,063.13



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Borough of Chatham

BOROUGH HALL

54 FAIRMOUNT AVENUE • CHATHAM • NEW JERSEY 07928

RESOLUTION # 21-123

RESOLUTION AUTHORIZING THE SPRING CLEAN INITIATIVE FOR THE YEAR 2021 AND AUTHORIZING THE SOLICITATION OF CHARITABLE DONATIONS

WHEREAS, Spring Clean is a Borough-wide day of volunteerism in honor of Earth Day that is focused on litter removal and neighborhood beautification in the Borough; and

WHEREAS, this year, the MyChathamNJ Advisory Committee, in conjunction with the Department of Community Services, will organize and hold the annual Spring Clean initiative on Saturday, May 1, 2021 from 8:00 a.m. to 1:00 p.m.; and

WHEREAS, by Resolution #14-88 adopted on January 6, 2014, the Borough established a dedication by rider trust fund for donations received to support the Spring Clean program in the Borough; and

WHEREAS, N.J.S.A. 40A:5-29 permits the Borough to use dedicated revenues anticipated during the budget year from charitable contributions in support of purposes to which contributions are made.

BE IT RESOLVED, by the Mayor and Council of the Borough of Chatham that they hereby support the Spring Clean local initiative organized by the MyChathamNJ Advisory Committee in conjunction with the Department of Community Services; and

BE IT FURTHER RESOLVED, that no elected or appointed official for the Borough of Chatham, nor any Borough employee or volunteers appointed to any Borough Boards, Commissions or Committees shall be involved in the direct solicitation of any monetary or in-kind donations for the event, except for a general mailing seeking participation; and

BE IT FURTHER RESOLVED, that all other Borough officials are hereby authorized and directed to take all action necessary and appropriate to effectuate the terms of this Resolution.

Adopted: February 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful
Borough Clerk

Thaddeus Kobylarz
Mayor

CERTIFICATION

I, Tamar Lawful, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk



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Borough of Chatham

BOROUGH HALL

54 FAIRMOUNT AVENUE • CHATHAM • NEW JERSEY 07928

RESOLUTION #21- 124

RESOLUTION ACCEPTING THE RESIGNATION OF BENJAMIN ZINN AS A FIREFIGHTER OF THE BOROUGH OF CHATHAM FIRE DEPARTMENT

WHEREAS, Benjamin Zinn has tendered his resignation as a firefighter of the Borough of Chatham Fire Department.

BE IT RESOLVED, by the Mayor and Council of the Borough of Chatham that they hereby accept the resignation of Benjamin Zinn as a firefighter of the Borough of Chatham Fire Department, effective February 17, 2021; and

BE IT FUTHER RESOLVED, that the Mayor and Council thank Benjamin Zinn for his services to this community and wish him well in his future endeavors; and

BE IT FURTHER RESOLVED, that all Borough officials are hereby authorized and directed to take all action necessary and appropriate to effectuate the terms of this Resolution.

Adopted: February 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful
Borough Clerk

Thaddeus Kobylarz
Mayor

CERTIFICATION

I, Tamar Lawful, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk



Borough of Chatham

BOROUGH HALL

54 FAIRMOUNT AVENUE • CHATHAM • NEW JERSEY 07928

RESOLUTION # 21-125

RESOLUTION AUTHORIZING THE MAYOR AND COUNCIL LIAISON TO THE MUNICIPAL ALLIANCE COMMITTEE OF THE CHATHAMS TO EXECUTE A MUNICIPAL ALLIANCE GRANT APPLICATION FOR GRANT YEAR OCTOBER 2020 – JUNE 2021 [FORM 1B]

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

WHEREAS, the Borough of Chatham, County of Morris, State of New Jersey recognizes that the abuse of alcohol and drugs is a serious problem across all communities in our society and amongst people of all ages; and

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

WHEREAS, the Borough of Chatham and the Township of Chatham have combined efforts and established the Municipal Alliance Committee of the Chathams; and,

WHEREAS, the Municipal Alliance Committee of the Chathams was approved for Municipal Alliance grant funding for the previous Grant Year October 2020 - June 2021; and

WHEREAS, the Governor's Council on Alcoholism and Drug Abuse has agreed to make a \$6,035.00 grant fund allocation available to the Municipal Alliance Committee of the Chathams for Grant Year October 2020 - June 2021, contingent upon meeting the Municipal Alliance Committee of the Chathams contribution of 25% Cash Match (\$1,508.75) and a 75% In-Kind Match (\$4,526.25) for a total Budget of \$12,070.00; and

WHEREAS, the Borough of Chatham and Township of Chatham will equally contribute the Cash Match and In-Kind Match required for the grant funding as referenced in Form 1B, which is attached and made part of this Resolution.

BE IT RESOLVED, by the Council of the Borough of Chatham that it does hereby authorize the Mayor and the Council liaison to the Municipal Alliance Committee of the Chathams to execute the Municipal Alliance Grant Application for Grant Year October 2020 - June 2021 [Form 1B]; and

BE IT RESOLVED, that the Mayor is permitted to execute any supplement or amendment to the Municipal Alliance Grant Application that increases the grant funding allocation; and

BE IT RESOLVED, that all other Borough officials and employees are hereby authorized and directed to take all action necessary and appropriate to effectuate the terms of this Resolution.

Adopted: January 22, 2021

Attest:

BOROUGH OF CHATHAM

Tamar Lawful
Borough Clerk

Thaddeus Kobylarz
Mayor

CERTIFICATION

I, Tamar Lawful, Borough Clerk for the Borough of Chatham, County of Morris, State of New Jersey, do hereby certify this is a true and correct copy of the resolution adopted by the Borough Council at its Regular Meeting held on February 22, 2021.

Tamar Lawful, Borough Clerk



Borough of Chatham

BOROUGH HALL

54 FAIRMOUNT AVENUE • CHATHAM • NEW JERSEY 07928

ORDINANCE #21-05

BOROUGH OF CHATHAM PROPOSED AMENDMENTS TO LAND USE ORDINANCE CHAPTER 165 ARTICLE XIV STORMWATER MANAGEMENT AND CONTROL

165-110 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” and “minor development” as defined below in Section II.

C. Applicability

1. This ordinance shall be applicable to the following developments:
 - a. Non-residential major and minor developments; and
 - b. Aspects of residential major and minor 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 Chatham.

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.

E. General Requirement

1. Any Application for a building permit shall include sufficient information to carry out the intent and purpose of this section, which shall be administered by the Borough Engineer.
2. Applications for land disturbance that qualify as “Major Development” will be required to meet these standards as an application in front of the Planning Board.
3. Control of water quality in surface water, soil erosion, transport of sediment, and nonpoint source pollution related to development activities shall be demonstrated and promote natural and nonstructural management approaches and which maximize prevention of stormwater impacts whenever possible.

165-111. Definitions:

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.

“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 Commissioners to review municipal stormwater management plans and implement ordinance(s). The county review agency may either be:

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

“Department” means the State Department of Environmental Protection.

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

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

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

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

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

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

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

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

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

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

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

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

"HUC 14" or "hydrologic unit code 14" means an area within which water drains to a particular receiving surface water body, also known as a sub-watershed, 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 that it is highly resistant to infiltration by water.

"Impervious surface (new)" 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.

"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.

"Low Impact Development Techniques" means utilizing strategies and measures that manage stormwater runoff quantity and quality to supplement or replace structural stormwater measures. Examples include minimize site disturbance, preserve natural vegetation and drainage features, reduce and disconnect impervious cover, reduce ground slopes, reduce turf grass, enhance water absorption and filtration.

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

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

“Minor development” means any development that results in an increase in impervious surface of 400 square feet but does not meet the definition of Major Development.

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

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

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

“New Jersey Stormwater Best Management Practices (BMP) Manual” or “BMP Manual” means the manual maintained by the Department providing, in part, design specifications, removal rates, calculation methods, and soil testing procedures approved by the Department as being capable of contributing to the achievement of the stormwater management standards specified in this chapter. The BMP Manual is periodically amended by the Department as necessary to provide design specifications on additional best management practices and new information on already included practices reflecting the best available current information regarding the particular practice and the Department’s determination as to the ability of that best management practice to contribute to compliance with the standards contained in this chapter. Alternative stormwater management measures, removal rates, or calculation methods may be utilized, subject to any limitations specified in this chapter, provided the design engineer demonstrates to the municipality, in accordance with 165-114.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 substances (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 non-hazardous pollutants.

“Recharge” means the amount of water from precipitation that infiltrates through the soil and into the groundwater.

“Redevelopment” means development activity that results in the creation, addition, or replacement of impervious surface area on an already improved lot such as expansion of building footprint, addition to building, and replacement of impervious surface area that is not part of routine maintenance activity.

“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.

“Routine Maintenance” means periodic programmatic preservation activity such as driveway or parking lot sealing, milling and repaving work, roof, deck, or patio repairs, but does not include replacement of roof framing of existing structures or complete re-construction of impervious surfaces.

“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 or minor 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.

“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.

“Water control structure” means a structure within, or adjacent to, 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, the prevalence of vegetation typically adapted for life in saturated soil conditions, commonly known as hydrophytic vegetation.

165-112. 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 N.J.A.C. 7:8-5 et seq.

165-113. Stormwater Management Requirements for Minor Development

- A. Stormwater management measures for minor development shall be subject to review by the Borough Engineer to assure that all stormwater runoff created by the development are adequately controlled and that such runoff does not cause an adverse impact on adjoining private or public property. In such cases where an adverse impact is not expected, the stormwater runoff from development shall be safely directed to a storm sewer, gutter, swale, or other suitable stormwater runoff conveyance measure. If the Borough Engineer determines that the development will impact an adjoining property, stormwater runoff quantity controls may be required.
- B. The above requirements shall also apply to those major developments that are granted waivers in accordance with this ordinance of the stormwater runoff quantity control requirements for major developments contained in this ordinance.

165-114. 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 165-119.
- B. Stormwater management measures shall avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Department's Landscape Project or Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle).
- C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Section 165-114.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 165-114.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 165-114.O, P, Q and R to the maximum extent practicable;
 - 3. The applicant demonstrates that, in order to meet the requirements of Section 165-114.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 165-114.D.3 above within

the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Section 165-114.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 165-114O, 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 Manual to reflect additions or deletions of BMPs meeting these standards, or changes in the presumed performance of BMPs designed in accordance with the New Jersey Stormwater BMP Manual, the Department shall publish in the New Jersey Registers a notice of administrative change revising the applicable table. The most current version of the BMP Manual can be found on the Department's website at:

https://njstormwater.org/bmp_manual2.htm

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

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

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

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

Table 2
Green Infrastructure BMPs for Stormwater Runoff Quantity
(or for Groundwater Recharge and/or Stormwater Runoff Quality
with a Waiver or Variance from N.J.A.C. 7:8-5.3)

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

(Notes corresponding to annotations ^(b) through ^(d) are found on Page D-15)

<u>Table 3</u> <u>BMPs for Groundwater Recharge, Stormwater Runoff Quality, and/or Stormwater Runoff Quantity</u> <u>only with a Waiver or Variance from N.J.A.C. 7:8-5.3</u>				
<u>Best Management Practice</u>	<u>Stormwater Runoff Quality TSS Removal Rate (percent)</u>	<u>Stormwater Runoff Quantity</u>	<u>Groundwater Recharge</u>	<u>Minimum Separation from Seasonal High Water Table (feet)</u>
Blue Roof	0	Yes	No	N/A
<u>Extended Detention Basin</u>	<u>40-60</u>	<u>Yes</u>	<u>No</u>	<u>1</u>
<u>Manufactured Treatment Device^(h)</u>	<u>50 or 80</u>	<u>No</u>	<u>No</u>	<u>Dependent upon the device</u>
Sand Filter ^(c)	80	Yes	No	1
<u>Subsurface Gravel Wetland</u>	<u>90</u>	<u>No</u>	<u>No</u>	<u>1</u>
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 165-114.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 best management practices. Alternative stormwater management measures may be used to satisfy the requirements at Section 165-14O only if the measures meet the definition of green infrastructure at Section 165-112. 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 165-114O.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 165-114 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 is granted.

- 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, 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 VIII.C;
 - 3. Stormwater management measures shall be designed, constructed, and installed to be strong, durable, and corrosion resistant. Measures that are consistent with the relevant portions of the Residential Site Improvement Standards at N.J.A.C. 5:21-7.3, 7.4, and 7.5 shall be deemed to meet this requirement;
 - 4. Stormwater management BMPs shall be designed to meet the minimum safety standards for stormwater management BMPs at Section VIII; and
 - 5. The size of the orifice at the intake to the outlet from the stormwater management BMP shall be a minimum of two and one-half inches in diameter.
- 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 specified.

- K. Any application for a new agricultural development that meets the definition of major development at Section 165-112 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements 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 shall be met in each drainage area, unless the runoff from the drainage areas converge onsite and no adverse environmental impact would occur as a result of compliance with any one or more of the individual standards being determined utilizing a weighted average of the results achieved for that individual standard across the affected drainage areas.
- M. Any stormwater management measure authorized under the municipal stormwater management plan or ordinance shall be reflected in a deed notice recorded in the { *Office of the Morris County Clerk or the registrar of deeds and mortgages of the county in which the development, project, project site, or mitigation area containing the stormwater management measure is located, as appropriate, to the municipality*}.
A form of deed notice shall be submitted to the municipality for approval prior to filing. The deed notice shall contain a description of the stormwater management measure(s) used to meet the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards 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 this Ordinance. 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 Borough within 180 calendar days of the authorization granted by the Borough.
- N. A stormwater management measure approved under the municipal stormwater management plan or ordinance may be altered or replaced with the approval of the Borough if the Borough determines that the proposed alteration or replacement meets the design and performance standards pursuant to 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 Borough for approval and subsequently recorded with the { *of the Morris County Clerk or the registrar of deeds and mortgages, as applies* } and shall contain a description and location of the stormwater management measure, as well as reference to the maintenance plan, in accordance with M above. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the Borough 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, the design engineer shall utilize green infrastructure BMPs identified in Table 1 and/or an alternative approved stormwater management measure the following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

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

3. To satisfy the stormwater runoff quantity standards, the design engineer shall utilize BMPs from Table 1 or from Table 2 and/or an alternative stormwater management measure approved in accordance with this Section.
4. If a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance is granted from the requirements of this subsection, then BMPs from Table 1, 2, or 3, and/or an approved alternative stormwater management measure may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards.
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, unless the project is granted a waiver from strict compliance in accordance with this Section.

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 165-115, either:

- i. Demonstrate through hydrologic and hydraulic analysis that the site and its stormwater management measures maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site; or
 - ii. Demonstrate through hydrologic and hydraulic analysis that the increase of stormwater runoff volume from pre-construction to post-construction for the 2-year storm is infiltrated.
3. This groundwater recharge requirement does not apply to projects within the “urban redevelopment area,” or to projects subject to 4 below.
4. The following types of stormwater shall not be recharged:
 - i. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored, areas where hazardous materials are expected to be present in greater than “reportable quantities” as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4, areas where recharge would be inconsistent with Department approved remedial action work plans or landfill closure plans and areas with high risk for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and
 - ii. Industrial stormwater exposed to “source material.” “Source material” means any material(s) or machinery, located at an industrial facility, that is directly or indirectly related to process, manufacturing, or other industrial activities, which could be a source of pollutants in any industrial stormwater discharge to groundwater. Source materials include, but are not limited to, raw materials, intermediate products, final products, waste materials, by-products, industrial machinery and fuels, and lubricants, solvents, and detergents that are related to process, manufacturing, or other industrial activities that are exposed to stormwater.

Q. Stormwater Runoff Quality Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quality impacts of major development. Stormwater runoff quality standards are applicable when the major development results in an increase of one-quarter acre or more of regulated motor vehicle surface.
2. Stormwater management measures shall be designed to reduce the post-construction load of total suspended solids (TSS) in stormwater runoff generated from the water quality design storm as follows:
 - i. Eighty percent TSS removal of the anticipated load, expressed as an annual average shall be achieved for the stormwater runoff from the net increase of motor vehicle surface.
 - ii. If the surface is considered regulated motor vehicle surface because the water quality treatment for an area of motor vehicle surface that is currently receiving water quality treatment either by vegetation or soil, by an existing stormwater management measure, or by treatment at a wastewater treatment plant is to be modified or removed, the project shall maintain or increase the existing TSS removal of the anticipated load expressed as an annual average.
3. The requirement to reduce TSS does not apply to any stormwater runoff in a discharge regulated under a numeric effluent limitation for TSS imposed under the New Jersey Pollutant Discharge Elimination System (NJPDES) rules, N.J.A.C. 7:14A, or in a discharge

specifically exempt under a NJPDES permit from this requirement. Every major development, including any that discharge into a combined sewer system, shall comply with 2 above, unless the major development is itself subject to a NJPDES permit with a numeric effluent limitation for TSS or the NJPDES permit to which the major development is subject exempts the development from a numeric effluent limitation for TSS.

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

Table 4 - Water Quality Design Storm Distribution

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

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

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

Where

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

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

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards.
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 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, complete one of the following:
 - i. Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, post-construction runoff hydrographs for the 2-, 10-, and 100-year storm events do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events;
 - ii. Demonstrate through hydrologic and hydraulic analysis that there is no increase, as compared to the pre-construction condition, in the peak runoff rates of stormwater leaving the site for the 2-, 10- and 100-year storm events and that the increased volume or change in timing of stormwater runoff will not increase flood damage at or downstream of the site. This analysis shall include the analysis of impacts of existing

- land uses and projected land uses assuming full development under existing zoning and land use ordinances in the drainage area;
- iii. Design stormwater management measures so that the post-construction peak runoff rates for the 2-, 10- and 100-year storm events are 50, 75 and 80 percent, respectively, of the pre-construction peak runoff rates. The percentages apply only to the post-construction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed; or
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.

165-115. Calculation of Stormwater Runoff and Groundwater Recharge:

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

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

https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1044171.pdf

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

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

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

- 2. For the purpose of calculating runoff coefficients and groundwater recharge, there is a presumption that the pre-construction condition of a site or portion thereof is a wooded land use with good hydrologic condition. The term "runoff coefficient" applies to both the NRCS methodology above at Section V.A.1.i and the Rational and Modified Rational Methods at Section 165-115.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 has existed on the site during the five years immediately prior to the time of application, the land cover with the lowest runoff potential shall be used for the computations. In addition, there

is the presumption that the site is in good hydrologic condition (if the land use type is pasture, lawn, or park), with good cover (if the land use type is woods), or with good hydrologic condition and conservation treatment (if the land use type is cultivation).

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

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

The New Jersey Geological Survey Report GSR-32, A Method for Evaluating Ground Water 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.

165-116. Solids and Floatable Materials Control Standards:

- A. Site design features identified under Section 165-114.F above, or alternative designs in accordance with Section 165-114.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 165-116.A.2 below.
 1. Design engineers shall use one of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:
 - i. The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines; or
 - ii. A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches or is no greater than 0.5 inches across the smallest dimension.

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

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

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

- i. Where each individual clear space in the curb opening in existing curb-opening inlet does not have an area of more than nine (9.0) square inches;
- ii. Where the municipality agrees that the standards would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets;
- iii. Where flows from the water quality design storm as specified in N.J.A.C. 7:8 are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:
 - a. A rectangular space four and five-eighths (4.625) inches long and one and one-half (1.5) inches wide (this option does not apply for outfall netting facilities); or
 - b. A bar screen having a bar spacing of 0.5 inches.

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

- iv. Where flows are conveyed through a trash rack that has parallel bars with one-inch (1 inch) spacing between the bars, to the elevation of the Water Quality Design Storm as specified in N.J.A.C. 7:8; or
- v. Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

165-117. 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 for trash racks, overflow grates, and escape provisions at outlet structures.

C. Requirements for Trash Racks, Overflow Grates and Escape Provisions

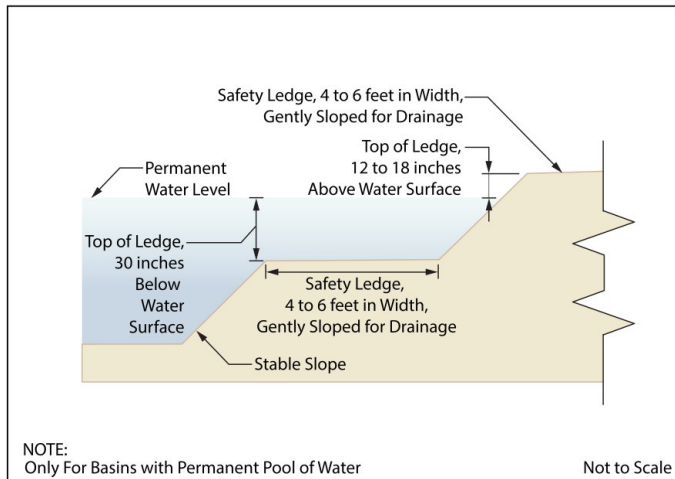
1. A trash rack is a device designed to catch trash and debris and prevent the clogging of outlet structures. Trash racks shall be installed at the intake to the outlet from the Stormwater management BMP to ensure proper functioning of the BMP outlets in accordance with the following:
 - i. The trash rack shall have parallel bars, with no greater than six-inch spacing between the bars;
 - ii. The trash rack shall be designed so as not to adversely affect the hydraulic performance of the outlet pipe or structure;
 - iii. The average velocity of flow through a clean trash rack is not to exceed 2.5 feet per second under the full range of stage and discharge. Velocity is to be computed based on the net area of opening through the rack; and
 - iv. The trash rack shall be constructed of rigid, durable, and corrosion resistant material and designed to withstand a perpendicular live loading of 300 pounds per square foot.
2. An overflow grate is designed to prevent obstruction of the overflow structure. If an outlet structure has an overflow grate, such grate shall meet the following requirements:
 - i. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
 - ii. The overflow grate spacing shall be no less than two inches across the smallest dimension.
 - iii. The overflow grate shall be constructed and installed to be rigid, durable, and corrosion resistant, and shall be designed to withstand a perpendicular live loading of 300 pounds per square foot.
3. Stormwater management BMPs shall include escape provisions as follows:
 - i. If a stormwater management BMP has an outlet structure, escape provisions shall be incorporated in or on the structure. Escape provisions include the installation of permanent ladders, steps, rungs, or other features that provide easily accessible means of egress from stormwater management BMPs. With the prior approval of the Borough, a free-standing outlet structure may be exempted from this requirement;
 - ii. Safety ledges shall be constructed on the slopes of all new stormwater management BMPs having a permanent pool of water deeper than two and one-half feet. Safety ledges shall be comprised of two steps. Each step shall be four to six feet in width. One step shall be located approximately two and one-half feet below the permanent water surface, and the second step shall be located one to one and one-half feet above the permanent water surface. See VIII.E for an illustration of safety ledges in a stormwater management BMP; and
 - iii. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontals 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 Borough that the variance or exemption will not constitute a threat to public safety.

E. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



165-118. Requirements for a Site Development Stormwater Plan for Major Developments:

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 the required components of the Checklist for the Site Development Stormwater Plan at Section IX.C below as part of the submission of the application for approval.
2. The applicant shall demonstrate that the project meets the standards set forth in this ordinance.
3. The applicant shall submit [need #specify number] copies of the materials listed in the checklist for site development stormwater plans in accordance with 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 Borough board or official from which Borough approval is sought. That Borough board or official shall consult the Borough's review engineer to determine if all 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 opportunities or constraints for development.

3. Project Description and Site Plans

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

4. Land Use Planning and Source Control Plan

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

5. Stormwater Management Facilities Map

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

- i. Total area to be disturbed, paved, or built upon, proposed surface contours, land area to be occupied by the stormwater management facilities and the type of vegetation thereon, and details of the proposed plan to control and dispose of stormwater.
- ii. Details of all stormwater management facility designs, during and after construction, including discharge provisions, discharge capacity for each outlet at different levels of detention and emergency spillway provisions with maximum discharge capacity of each spillway.

6. Calculations

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

7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of Section 165-119.

8. Waiver from Submission Requirements

The Borough official or board reviewing an application under this ordinance may, in consultation with the Borough's review engineer, waive submission of any of the requirements in Section 165-118.C.1 through 165-118.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.

165-119. Maintenance and Repair:

A. Applicability

Projects subject to review as in Section 165-111.C of this ordinance shall comply with the requirements.

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, e-mail 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 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 the maintenance required.
 5. If the party responsible for maintenance identified under Section 165-119.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section 165-119.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 165-119.B.3 above shall perform all of the following requirements:
 - i. maintain a detailed log of all preventative and corrective maintenance for the structural stormwater management measures incorporated into the design of the development, including a record of all inspections and copies of all maintenance-related work orders;
 - ii. evaluate the effectiveness of the maintenance plan at least once per year and adjust the plan and the deed as needed; and
 - iii. retain and make available, upon request by any public entity with administrative, health, environmental, or safety authority over the site, the maintenance plan and the documentation required by Section 165-119.B.6 and B.7 above.
 8. The requirements of Section 165-119.B.3 and B.4 do not apply to stormwater management facilities that are dedicated to and accepted by the Borough or another governmental agency, subject to all applicable municipal stormwater general permit conditions, as issued by the Department.
 9. In the event the stormwater management facility becomes a danger to public safety or public health, or if it is in need of maintenance or repair, the Borough 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 Borough engineer or his/her designee. The Borough, 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 Borough or County may immediately proceed to do so and shall bill the cost thereof to the responsible person. Nonpayment of such bill may result in a lien on the property.
- C. Nothing in this subsection shall preclude the Borough 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

165-120. Sources for Technical Guidance:

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

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

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

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

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

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

165-121. Penalties:

- A. Any person who violates any provision of this article shall, upon conviction thereof in the Joint Court, be punishable by imposition of the penalties set forth in § **165-173** and Chapter **1**, § **1-14**.
- B. Each instance of engaging in a separate regulated activity in violation of this article shall be deemed a separate offense.
- C. In addition, the Borough of Chatham may institute civil action for injunctive or other relief to enforce the provisions of this article.

165-122. 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.

165-123. Effective Date:

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

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Introduced: February 22, 2021