

BOROUGH OF ROOSEVELT
33 N. Rochdale Ave, Roosevelt Borough, NJ 08555

DRAFT
COUNCIL MEETING AGENDA
NOVEMBER 9, 2020 @ 7:00 P.M.

DUE TO THE CORONAVIRUS AND THE NEED FOR SOCIAL DISTANCING, THIS MEETING WILL ALSO BE HELD REMOTELY AND AVAILABLE TO THE PUBLIC IN A LIVE FEED. TO ACCESS THE MEETING PLEASE FOLLOW THE INSTRUCTIONS BELOW:

ROOSEVELT BOROUGH is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

Topic: ROOSEVELT BOROUGH's Zoom Meeting COUNCIL MEETING 11/09/2020 7PM

Time: November 9, 2020 07:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/3251865085?pwd=L1RWNIhPYTZZZdUZ5R3piT0NZWHhuUT09>

Meeting ID: 325 186 5085

Password: 968068

One tap mobile

+16465588656,,3251865085#,,,0#,,968068# US (New York)

+13017158592,,3251865085#,,,0#,,968068# US (Germantown)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

TIME IN _____

Adequate notice of this meeting, as required by Chapter 231, P.L. 1975, has been provided by a public notice on January 6, 2020 which was posted on the Bulletin Board at the Roosevelt Post Office, on the Bulletin Board in the Roosevelt Post Office and in the Borough Hall. The notice was published in The Times and Asbury Park Press.

ROLL CALL

Councilmember Luke Dermody
Councilmember Louis Esakoff
Councilmember Michael Hamilton
Councilmember Steven Macher
Councilmember Joseph Trammell
Councilmember Chad Vroman
Mayor Peggy Malkin

MAYOR'S REPORT

PUBLIC COMMENT (Agenda items only)

CORRESPONDENCE:

- 1. Letter from Assemblyman Ronald Dancer, dated October 26, 2020 regarding JCP&L’s proposed rate increase.

APPROVAL OF MINUTES:

- 1. Regular Meeting Minutes – October 26, 2020

RESOLUTIONS:

- Resolution 20-101 Payment of Bills for November 9, 2020
- Resolution 20-102 Resolution Authorizing an Agreement with Monmouth County Board of Chosen Freeholders to Provide Special Citizen Area Transportation Service (SCAT)
- Resolution 20-103 Resolution Authorizing the Borough Engineer to Request a Six-Month Extension from the New Jersey Department of Transportation in Connection with the Grant Received for Replacement to Farm Lane
- Resolution 20-104 Resolution of the Borough Council of the Borough of Roosevelt Awarding a Contract for Well No. 3 Rehabilitation and Pump Replacement
- Resolution 20-105 Resolution to Support Submission of Application for New Jersey Department of Transportation Transportation Alternatives Set-Aside Program
- Resolution 20-106 Resolution Supporting Project Under Transportation Alternatives Set-Aside Program

REPORTS OF COMMITTEE CHAIRS:

- | | |
|------------------------|-----------------------|
| Councilmember Dermody | Community Dev/Code |
| Councilmember Esakoff | Administration |
| Councilmember Hamilton | Finance |
| Councilmember Macher | Public Works |
| Councilmember Trammell | Utilities |
| Councilmember Vroman | Envi, Health & Safety |

OLD BUSINESS:

NEW BUSINESS:

- 1. Discussion - Best Practice Inventory Report
- 2. Stormwater Ordinance
- 3. Rabies Clinic

PUBLIC COMMENT: (Any item)

M/Malkin opens the public comment at _____
M/Malkin closes the public comment at _____

CLOSED SESSION:

Resolution 20- Providing for a Private Executive Meeting that Excludes the Public

Time In: _____ Time Out: _____

ADJOURNMENT

TIME OUT _____

cc: Mayor
BC



**NEW JERSEY GENERAL ASSEMBLY
LEGISLATIVE OFFICE
12TH DISTRICT**

PARTS OF BURLINGTON, MIDDLESEX, MONMOUTH AND OCEAN COUNTIES

ASSEMBLYMAN
RONALD S. DANCER
DEPUTY REPUBLICAN LEADER

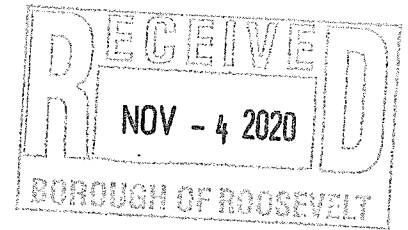
COMMITTEES

- AGRICULTURE AND NATURAL RESOURCES
- MILITARY AND VETERANS' AFFAIRS
- OVERSIGHT, REFORM AND FEDERAL RELATIONS
- TOURISM, GAMING AND THE ARTS
- NJ TOURISM POLICY COUNCIL

405 ROUTE 539
CREAM RIDGE, NJ 08514
PH: (609) 758-0205
FAX: (609) 758-0245
EMAIL: asmdancer@njleg.org

October 26, 2020

Kathleen Hart
Municipal Clerk, Borough of Roosevelt
33 North Rochdale Avenue
PO Box 128
Roosevelt, NJ 08555



Dear Clerk Hart,

I am writing today to inform you about recent legislative action that I have taken regarding JCP&L's proposed rate increase. As I believe this issue is of interest to you, enclosed please find a copy of Assembly Resolution 198 opposing Jersey Central Power and Light Company's proposed rate increase and urging the Board of Public Utilities to appoint a Special Master to conduct a review of the company's finances. This resolution was introduced on October 22, 2020.

Additionally, I have included a copy of the Press Release regarding this legislation.

As always, please feel free to contact my district office any time I may be of assistance to you.

Sincerely,

Ronald S. Dancer
Assemblyman, 12th District

RSD:km

ASSEMBLY RESOLUTION No. 198

STATE OF NEW JERSEY

219th LEGISLATURE

INTRODUCED OCTOBER 22, 2020

Sponsored by:

Assemblyman RONALD S. DANCER

District 12 (Burlington, Middlesex, Monmouth and Ocean)

Assemblyman DANIEL R. BENSON

District 14 (Mercer and Middlesex)

Co-Sponsored by:

Assemblymen Catalano and McGuckin

SYNOPSIS

Opposes Jersey Central Power and Light Company's proposed petition for rate increase and urges BPU to review its finances.

CURRENT VERSION OF TEXT

As introduced.

(Sponsorship Updated As Of: 10/22/2020)

1 AN ASSEMBLY RESOLUTION opposing Jersey Central Power and
2 Light Company's proposed petition for a rate increase and urging
3 the Board of Public Utilities to conduct a review of the
4 company's finances.

5
6 WHEREAS, The Jersey Central Power and Light Company (JCP&L) is
7 an electric utility company providing electric services to numerous
8 residential and commercial customers in New Jersey, and is a
9 subsidiary of the FirstEnergy Corporation (FirstEnergy)
10 headquartered in Akron, Ohio; and

11 WHEREAS, On February 18, 2020, JCP&L submitted a verified
12 petition seeking, among other adjustments to its current rate and
13 charges for electric services, an approval of a 7.8 percent rate
14 increase and a tariff revision; and

15 WHEREAS, JCP&L contends that the requested rate increase is
16 necessary to allow the company to respond to damages caused by
17 storms that occurred between January 1, 2016 through June 30,
18 2020; and

19 WHEREAS, R.S.48:2-23 mandates that a utility company has a duty to
20 provide its customers within the State with "safe, adequate and
21 proper service"; and

22 WHEREAS, In August 2020, New Jersey was hit by Tropical Storm
23 Isaias, which devastated the State and left more than 1.3 million
24 homes and businesses without power; and

25 WHEREAS, More than 788,000 of the homes and businesses that lost
26 power due to the storm were JCP&L customers, a figure which
27 exceeds 50 percent of the company's entire State customer base;
28 and

29 WHEREAS, JCP&L previously received a 3.6 percent rate increase on
30 January 1, 2017 which was to be used for vegetative management
31 and infrastructure upgrades; and

32 WHEREAS, The infrastructure and safety upgrades JCP&L promised to
33 complete under the terms of its previous rate increase failed,
34 leading to unsafe, inadequate, and improper service; and

35 WHEREAS, In addition, FirstEnergy, the parent company of JCP&L, is
36 being investigated by the United States Securities and Exchange
37 Commission for potential ties to a \$60 million bribery scheme; and

38 WHEREAS, These failures on the part of both JCP&L and FirstEnergy
39 demonstrate the need for a thorough review of the company's
40 finances, along with a review of its execution of infrastructure and
41 storm mitigation plans; and

42 WHEREAS, As part of its rate increase process under R.S.48:2-21, the
43 Board of Public Utilities (BPU) has the power to investigate
44 whether a proposed increase is "just and reasonable," with the
45 utility company having the burden of proof to demonstrate that it is
46 just and reasonable; and

1 WHEREAS, In addition to the routine BPU investigation, the BPU shall
2 appoint a Special Master to review all rate increases for JCP&L and
3 to audit JCP&L and FirstEnergy to confirm that no revenue from
4 JCP&L was improperly diverted from the rate payers of New Jersey
5 to any illegal enterprise; and

6 WHEREAS, Under the current circumstances, approving JCP&L's
7 petition and proposed rate increase would be futile and would do
8 even more harm to the State and its customers; now, therefore,

9
10 **BE IT RESOLVED** by the General Assembly of the State of New
11 Jersey:

12
13 1. This House opposes Jersey Central Power and Light
14 Company's proposed petition and rate increase request and urges
15 the Board of Public Utilities to conduct a review of the company's
16 finances.

17
18 2. The Board of Public Utilities, in conducting its investigation,
19 is urged to not only audit JCP&L but to also request confirmation
20 that no revenue from the regulated rates of JCP&L was improperly
21 diverted to any illegal enterprises

22
23 3. Copies of this resolution, as filed with the Secretary of State,
24 shall be transmitted by the Clerk of the General Assembly to the
25 President and Commissioners of the Board of Public Utilities.

26
27
28 STATEMENT

29
30 This resolution opposes Jersey Central Power and Light
31 Company's proposed petition and rate increase request and urges
32 the Board of Public Utilities (BPU) to conduct a review of the
33 company's finances.

34 Jersey Central Power and Light (JCP&L) is an electric utility
35 company providing electric services to numerous residential and
36 commercial customers in New Jersey and is a subsidiary of the
37 FirstEnergy Corporation (FirstEnergy) headquartered in Akron,
38 Ohio. On February 18, 2020, JCP&L submitted a verified petition
39 seeking, among other items, an approval of a 7.8 percent rate
40 increase. JCP&L contends that the requested rate increase is in
41 response to storms which occurred from January 1, 2016 through
42 June 30, 2020. JCP&L previously received a 3.6 percent rate
43 increase on January 1, 2017 which was to be used for vegetative
44 management and infrastructure upgrades.

45 R.S.48:2-23 mandates that a utility company has a duty to
46 provide the residents of the State with "safe, adequate and proper
47 service." In August 2020, New Jersey was hit by Tropical Storm
48 Isaias, which devastated the State and left more than 1.3 million

1 homes and businesses without power, including more than 50
2 percent of JCP&L customers. The upgrades JCP&L promised to
3 complete under the terms of its previous January 1, 2017 rate
4 increase failed, leading to unsafe, inadequate, and improper service.
5 In addition, FirstEnergy, the parent company of JCP&L, is being
6 investigated by the United States Securities and Exchange
7 Commission for potential ties to a \$60 million bribery scheme.

8 These failures on the part of both JCP&L and its parent company
9 demonstrate the need for a review of the finances raised from past
10 rate increases, along with a review of the company's execution of
11 infrastructure and storm mitigation plans. As part of its rate
12 increase process under R.S.48:2-21, the BPU has the power to
13 investigate whether a proposed increase is just and reasonable, with
14 the utility company having the burden of proof to demonstrate that
15 it is just and reasonable. In addition to the routine BPU
16 investigation, the BPU shall appoint a Special Master to review all
17 rate increases for JCP&L and to audit JCP&L and FirstEnergy to
18 confirm that no revenue from JCP&L was improperly diverted from
19 the rate payers of New Jersey to any illegal enterprise. Under the
20 current circumstances, approving JCP&L's proposed rate increase
21 would be futile and would do more harm to the State and its
22 residents.

FOR IMMEDIATE RELEASE

October 28, 2020

CONTACT:

Press Office / 609-847-3400

Dancer resolution opposes electric rate increase as BPU and JCP&L charge ahead

TRENTON, N.J. – Today, the Board of Public Utilities unanimously approved a rate increase for Jersey Central Power & Light that will impact ratepayers beginning November 1 next year. BPU President Joe Fiordaliso also announced that they would be initiating a management audit of JCP&L to review their finances and operations – a request in Assemblyman Ron Dancer's resolution introduced last week.

"JCP&L has been failing its customers despite increases in rates that are supposed to be used to fix the company's response to storm outages," said Dancer (R-Ocean). "While I'm disappointed that they are moving forward with this increase, I'm relieved that the BPU has initiated an investigation. It's something I pushed for in my resolution. It is more than warranted given JCP&L's service history and the financial dealings of their parent company."

JCP&L is a subsidiary of FirstEnergy, which is being investigated by the United States Securities and Exchange Commission for potential ties to a \$60 million bribery scheme. Dancer's resolution (AR198) calls on the BPU to confirm that revenue from JCP&L was not improperly diverted to an illegal enterprise.

"We must protect the ratepayers. Our residents deserve and should expect safe and reliable utility service," said Dancer.

A nearly 4 percent rate increase in 2017 was to be invested in upgrading infrastructure; however, more than 50 percent of JCP&L's 1.1 million customers were affected by power outages for several days following Tropical Storm Isais. Testifying before the Senate Law and Public Safety committee on October 19, Marlboro Mayor Jonathan Hornik said that JCP&L's response to Isais resulted in extended power outages, slowed repair work, poor communication and inaccurate restoration estimates.

The revenue JCP&L raises from this latest approved rate increase is budgeted for a variety of purposes including vegetation management and LED street lights.

###

RESOLUTION NO. 20-101
MEETING DATE: 11-09-2020

PAYMENT OF BILLS FOR NOVEMBER 9, 2020

C/_____ offered the following resolution and moved its adoption, which was second by C/_____.

WHEREAS, the attached list of bills have been submitted to the Council for payment approval; and

WHEREAS, the Chief Financial Officer has certified the availability of funds for the payment of bills.

NOW, THEREFORE, BE IT RESOLVED that the bills on the attached bill list be paid.

ROLL CALL:

AYES:

NAYS:

ABSTAIN:

ABSENT:

CERTIFICATION

I HEREBY CERTIFY the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on November 9, 2020.

Kathleen Hart
Borough Clerk

November 5, 2020
12:25 PM

BOROUGH OF ROOSEVELT
Bill List By Vendor Name

Page No: 1

11-9-20 BILL LIST

P.O. Type: All
Range: First
Format: Condensed

to Last

Open: N Paid: N Void: N
Rcvd: Y Held: Y Aprv: N
Bid: Y State: Y Other: Y Exempt: Y

Vendor # Name	PO #	PO Date	Description	Status	Amount	Void Amount	Contract	PO Type
AMFAR005 A & M FARMS & GARDEN CENTER	20-00645	10/26/20	FLAT OF PANSIES FOR BORO HALL	Open	14.99	0.00		
COMPL010 COMPLETE CARE MAINTENANCE, LLC	20-00659	11/02/20	OCT 2020 SERVICES	Open	320.00	0.00		
FRANC005 FRANCO TYP-POSTALIA, INC.	20-00646	10/26/20	4/Q/2020 METER/SCALE RENTAL	Open	122.85	0.00		
GLOBE005 GLOBE PETROLEUM, INC.	20-00493	08/17/20	WATER PLANT-8/6/20 DELIVERY	Open	530.24	0.00		
HOLDE005 HOLDEN, JOHN B.	20-00083	02/03/20	2020 WATER PLANT MANAGEMENT	Open	5,075.00	0.00		B
	20-00663	11/03/20	ADDITIONAL SERVICES-OCT 2020	Open	120.00	0.00		
					<u>5,195.00</u>			
KYOCE005 KYOCERA DOCUMENT SOLUTIONS AME	20-00653	10/30/20	KYOCERA COPIER PYMT 25 OF 60	Open	226.77	0.00		
LYONS005 LYONS ENVIRONMENTAL SERV, LLC	20-00087	02/05/20	2020 SEWER PLANT MANAGEMENT	Open	9,075.00	0.00		B
	20-00666	11/04/20	ADDT'L SERVICES-SEP/OCT 2020	Open	914.71	0.00		
	20-00667	11/04/20	WATER TESTING-10/21/20	Open	40.00	0.00		
					<u>10,029.71</u>			
MCGUF005 MCGUFF-SILVERMAN, LUCRETIA	20-00639	10/23/20	REIMB:NOV 2020 ONLINE COURSE	Open	195.00	0.00		
MGLFO005 MGL FORMS-SYSTEMS, LLC	20-00636	10/20/20	TAX SALE NOTICES (250)	Open	135.00	0.00		
NJDEP005 NJ DEPARTMENT OF HEALTH	20-00658	11/02/20	DOG REPORT:OCT 2020	Open	1.20	0.00		
NORTH010 NORTH AMERICAN PIPELINE	20-00657	11/02/20	CLEAR BLOCKAGE 10/31-PINE DR.	Open	2,200.00	0.00		
ORIAV005 ORI AVISAR HOME IMPROVEMENT	20-00553	09/15/20	SHEETROCK REPAIR-GARAGE & S/P	Open	1,200.00	0.00		B
PARIS005 PARIS AUTOMOTIVE SUPPLY	20-00648	10/27/20	CABLE FOR WATER PLANT GEN	Open	135.99	0.00		
PETTY005 PETTY CASH	20-00655	11/02/20	REIMBURSE PETTY CASH	Open	15.98	0.00		
	20-00656	11/02/20	REIMBURSE PETTY CASH	Open	24.12	0.00		
					<u>40.10</u>			

Vendor # Name	PO #	PO Date	Description	Status	Amount	Void Amount	Contract	PO Type
PUMPI005 PUMPING SERVICES, INC.								
	20-00466	08/03/20	ADD FLOW METERS TO PUMP WATCH	Open	5,230.00	0.00		
ROBER005 ROBERTS ENGINEERING GROUP, LLC								
	19-00076	01/30/19	WATER MAIN-HOMESTEAD, ELM, CEDAR	Open	1,242.25	0.00		B
	19-00726	10/31/19	ROAD IMPROV:NURKO & ELM	Open	1,887.00	0.00		B
	20-00153	02/27/20	PARKING LOT & DRAINAGE IMPROV	Open	168.00	0.00		B
	20-00239	04/15/20	STORMWATER ORD COMPLIANCE	Open	852.25	0.00		B
	20-00434	07/16/20	REHABILITATION OF WELL #3	Open	3,979.00	0.00		B
	20-00463	07/30/20	ROAD IMPROV:FARM & SCHOOL	Open	8,376.50	0.00		B
	20-00610	10/13/20	NJDOT ALTERNATIVE SET-ASIDE	Open	2,194.00	0.00		B
	20-00668	11/05/20	MISC ENGINEERING 9/30-10/16	Open	606.00	0.00		
	20-00669	11/05/20	TAX MAP MAINTENANCE 2020	Open	240.00	0.00		
	20-00670	11/05/20	MISC ENGINEERING 10/16-10/20	Open	264.00	0.00		
					<u>19,809.00</u>			
ROOSE005 ROOSEVELT BOARD OF EDUCATION								
	20-00640	10/23/20	NOV 2020 SCHOOL TAXES	Open	146,386.00	0.00		
ROOSE020 ROOSEVELT PUBLIC SCHOOL								
	20-00660	11/03/20	CLEAN COMM-LITTER PICKUP	Open	500.00	0.00		
STAPL005 STAPLES BUSINESS ADVANTAGE								
	20-00624	10/16/20	OFFICE SUPPLIES	Open	111.17	0.00		
THEHO010 THE HOME DEPOT								
	20-00608	10/13/20	16' EXTENSION ALUMINUM LADDER	Open	193.80	0.00		
	20-00644	10/26/20	MUM FOR BOROUGH HALL	Open	34.98	0.00		
	20-00649	10/28/20	VARIOUS ITEMS	Open	155.70	0.00		
					<u>384.48</u>			
TILLO005 TILLOU, ROBIN								
	20-00647	10/26/20	REIMB:FEE-BACKGROUND CHECK	Open	42.80	0.00		
TIMBE005 TIMBERWOLF TREE SERVICE, INC.								
	20-00665	11/04/20	BRANCH PICKUP & STORM CLEANUP	Open	5,350.00	0.00		
VERIZ005 VERIZON								
	20-00664	11/03/20	INTERNET/PHONE-W/P-10/24 BILL	Open	187.83	0.00		
WRNEU005 W.R. NEUMANN COMPANY, INC.								
	20-00061	01/28/20	WATER-2020 CHEMICAL CONTRACT	Open	207.64	0.00		B
WATCH005 WATCHUNG SPRING WATER CO., INC								
	20-00650	10/28/20	COOLER RENTAL-10/7/20	Open	7.39	0.00		
WEBHA005 WEB HAULING & DISTRIBUTION, INC								
	20-00620	10/14/20	PUMP BORO HALL PUMP PIT 10/5	Open	233.13	0.00		
WEBOU005 WEB OUTBACK								
	20-00615	10/13/20	RESTROOM RENTAL-SEP 2020	Open	120.00	0.00		

November 5, 2020
12:25 PM

BOROUGH OF ROOSEVELT
Bill List By Vendor Name

Page No: 3

Vendor # Name								
PO #	PO Date	Description	Status	Amount	Void Amount	Contract	PO Type	
Total Purchase Orders:		42	Total P.O. Line Items:	0	Total List Amount:	198,916.29	Total Void Amount:	0.00

Totals by Year-Fund		Budget Rcvd	Budget Held	Budget Total	Revenue Total	G/L Total	Total
Fund Description	Fund						
	0-01	154,997.85	0.00	154,997.85	0.00	0.00	154,997.85
	0-09	<u>22,913.49</u>	0.00	<u>22,913.49</u>	0.00	0.00	<u>22,913.49</u>
Year Total:		177,911.34	0.00	177,911.34	0.00	0.00	177,911.34
	C-04	10,431.50	0.00	10,431.50	0.00	0.00	10,431.50
	C-08	<u>6,472.25</u>	0.00	<u>6,472.25</u>	0.00	0.00	<u>6,472.25</u>
Year Total:		16,903.75	0.00	16,903.75	0.00	0.00	16,903.75
	G-02	4,100.00	0.00	4,100.00	0.00	0.00	4,100.00
ANIMAL CONTROL	T-13	1.20	0.00	1.20	0.00	0.00	1.20
Total of All Funds:		<u>198,916.29</u>	0.00	<u>198,916.29</u>	0.00	0.00	<u>198,916.29</u>

RESOLUTION NO. 20-102
MEETING DATE: 11-09-2020

**RESOLUTION AUTHORIZING AN AGREEMENT WITH MONMOUTH COUNTY
BOARD OF CHOSEN FREEHOLDERS TO PROVIDE SPECIAL CITIZEN AREA
TRANSPORTATION SERVICE (SCAT)**

C/_____ offered the following Resolution and moved its adoption which was second by C/_____.

WHEREAS, *N.J.S.A.* 40A:65-1 provides a municipality with authorization to enter into an agreement with other local units, including counties, to provide or receive any service that each is empowered to provide or receive within its own jurisdiction; and

WHEREAS, the Borough has in the past and wishes to continue a relationship with the County to provide a service to eligible residents for the Special Citizens Area Transportation System (SCAT), which would provide transportation to and from local food markets for those persons sixty (60) years of age and older, in accordance with the rules and regulations in Title III of the Older Americans Act of 1965, as amended in 1978, and for disabled persons under sixty (60) years of age as vehicle space and time is available; and

WHEREAS, the County has presented an Agreement to provide for terms and costs for participation in the SCAT program.

WHEREAS, the cost for this service is \$155.00 per half day with said funds to be made available in the 2021 budget.

NOW, THEREFORE, BE IT RESOLVED by the Borough Council of the Borough of Roosevelt that the Agreement with the County of Monmouth for provision of services pursuant to the Special Citizens Area Transportation System for the term January 1, 2021 to December 31, 2021 is approved and the Mayor is authorized to sign and the Clerk to attest the agreement regarding same.

ROLL CALL:

AYES:

NAYS:

ABSTAIN:

ABSENT:

I HEREBY CERTIFY the foregoing to be a true copy of the Resolution adopted by the Borough of Roosevelt at its meeting of November 9, 2020.

Kathleen Hart, RMC
Borough Clerk

RESOLUTION NO. 20-103
MEETING DATE: 11-09-2020

**RESOLUTION AUTHORIZING THE BOROUGH ENGINEER TO REQUEST A
SIX-MONTH EXTENSION FROM THE NEW JERSEY DEPARTMENT OF
TRANSPORTATION IN CONNECTION WITH THE GRANT RECEIVED FOR
REPLACEMENT TO FARM LANE**

C/ _____ offered the following resolution and moved its adoption, which was seconded by
C/ _____.

WHEREAS, on or about March 25, 2019, the New Jersey Department of Transportation (“NJDOT”) awarded the Borough of Roosevelt, County of Monmouth, State of New Jersey (the “Borough”) a municipal aid grant in the amount of \$240,000 for road improvements to Farm Lane (the “Road Replacement Project”); and

WHEREAS, under the terms of the municipal aid grant, the Borough is required to make an award of a contract to complete the Road Replacement Project on or before March 25, 2021; and

WHEREAS, the project has been delayed as a result of planned water main and sewer main improvements on Farm Lane. The water main and sewer main improvements have been planned since June 2018. The Borough is in the process of securing funding through the NJ Infrastructure Bank program and anticipates approval in the second quarter of 2021. As these improvements must be completed before roadway improvements, the NJDOT funded contract must be delayed by 6-months; and

WHEREAS, Roadway improvements at Farm Lane will not be able to take place until after the water main and sewer improvement has been installed.

NOW, THEREFORE BE IT RESOLVED, by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey that the Borough Engineer, Roberts Engineering Group, LLC, is hereby authorized to request an extension from the New Jersey Department of Transportation in connection with the Borough’s municipal aid grant in the amount of \$240,000 and dated March 25, 2019.

BE IT FURTHER RESOLVED, that a certified copy of this resolution be sent to the Mayor, Council-President, and Roberts Engineering Group, LLC.

ROLL CALL:

AYES:

NAYS:

ABSTAIN:

ABSENT:

CERTIFICATION

I HEREBY CERTIFY the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on November 9, 2020.

Kathleen Hart
Borough Clerk

*BOROUGH OF ROOSEVELT
COUNTY OF MONMOUTH
STATE OF NEW JERSEY*

**RESOLUTION NO. 20-104
MEETING DATE: 11-09-2020**

**A RESOLUTION OF THE BOROUGH COUNCIL OF THE BOROUGH OF ROOSEVELT
AWARDING A CONTRACT FOR WELL NO. 3 REHABILITATION AND PUMP
REPLACEMENT**

C/ _____ offered the following resolution and moved its adoption, which was seconded by C/ _____.

WHEREAS, the Borough Council has previously authorized the public advertisement for bids for Well No. 3 Rehabilitation and Pump Replacement; and

WHEREAS, one (1) sealed bid was received on October 29, 2020; and

WHEREAS, the bid received was that of A.C. Schultes, Inc., Woodbury Heights, NJ in the amount of \$53,500.00, which has been found to comply in all respects with the terms and conditions of the specifications; and

WHEREAS, the Borough Council finds that it would, therefore, be in the best interest of the Borough of Roosevelt to award the contract to A.C. Schultes, Inc.; and

WHEREAS, the Chief Financial Officer of the Borough has certified to the Borough Council that funds will be available to pay the cost of the aforesaid contract.

NOW, THEREFORE, BE IT RESOLVED that the appropriate Borough Officials be and are hereby authorized to execute an agreement between the Borough and A.C. Schultes, Inc. in an amount not to exceed \$53,500.00 for Well No. 3 Rehabilitation and Pump Replacement.

NOW, THEREFORE, BE IT FURTHER RESOLVED that a certified copy of this resolution be forwarded to:

1. A.C. Schultes, Inc.
2. George Lang, CFO
3. Ana Debevec, Treasurer/Purchasing Agent
4. Carmela Roberts, Borough Engineer

ROLL CALL:

AYES:

NAYS:

ABSTAIN:

ABSENT:

CERTIFICATION

I HEREBY CERTIFY the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on November 9, 2020.

Kathleen Hart
Borough Clerk

*BOROUGH OF ROOSEVELT
COUNTY OF MONMOUTH
STATE OF NEW JERSEY*

**RESOLUTION NO. 20-105
MEETING DATE: 11-09-2020**

**RESOLUTION TO SUPPORT SUBMISSION OF APPLICATION FOR NEW JERSEY
DEPARTMENT OF TRANSPORTATION TRANSPORTATION ALTERNATIVES SET-
ASIDE PROGRAM**

C/ _____ offered the following resolution and moved its adoption, which was seconded by
C/ _____.

WHEREAS, Roosevelt Borough is applying for funding to conduct non-motorized transportation and scenic overlook improvements to the Roosevelt Amphitheater; and

WHEREAS, the project will help to continue and improve the promotion and encouragement of pedestrian and bicycle access to the Roosevelt Amphitheater; and

WHEREAS, maintenance of the facility, once constructed, will be assumed by Roosevelt Borough with the exception of (1) local ordinances that places maintenance responsibility with each individual property owner, and (2) those crosswalks on State or County Highways.

NOW, THEREFORE BE IT RESOLVED, by the Council of Roosevelt Borough that it hereby supports the submission of a grant application for the Transportation Alternatives Set-Aside Program within the State of New Jersey Department of Transportation and authorizes the Mayor and the Municipal Clerk to execute any and all documents necessary and related to the submission of said grant application or grant agreement.

ROLL CALL:

AYES:

NAYS:

ABSTAIN:

ABSENT:

CERTIFICATION

I HEREBY CERTIFY the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on November 9, 2020.

Kathleen Hart
Borough Clerk

**RESOLUTION NO. 20-106
MEETING DATE: 11-09-2020**

**RESOLUTION SUPPORTING PROJECT UNDER TRANSPORTATION
ALTERNATIVES SET-ASIDE PROGRAM**

C/_____ offered the following resolution and moved its adoption, which was seconded by C/_____.

WHEREAS, the Borough of Roosevelt is currently preparing a grant application to the federally funded Transportation Alternatives Program, sponsored by the New Jersey Department of Transportation, to provide funding for construction of the Sidewalk Improvements and Amphitheater Rehabilitation project;

WHEREAS, the grant if received would fund improvements to non-motorized transportation infrastructure and enhance scenic views at the Borough's Amphitheater;

WHEREAS, the Transportation Alternatives Program provides funding for "non-traditional" projects designed to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal system;

WHEREAS, the grant application requires that the Borough governing body show support for the project in the form of a resolution, including certification of continual ownership and maintenance for the useful life of the project, a minimum 20 years after completion;

WHEREAS, Borough Council believes in the importance of this project for maintaining the beauty and vitality of our Downtown and its pedestrian-friendly environment;

WHEREAS, Borough Council certifies that the proposed improvements will be continually owned by the Borough and the Borough will continually provide for the maintenance of the improvements for the useful life of the improvements, or a minimum of 20 years after completion.

NOW, THEREFORE, BE IT RESOLVED, by the Borough Council of the Borough of Roosevelt, as follows:

1. Borough Council expresses its full support for the construction of non-motorized transportation improvements proposed in the Borough's aforesaid grant application under the Transportation Alternatives Set-Aside Program;
2. Borough Council hereby certifies that the Borough will continually own and continually provide for the maintenance of the proposed improvements for the useful life of the improvements, or a minimum of 20 years after completion;
3. Borough Council hereby authorizes and directs the Borough Engineer to ensure that a copy of this Resolution is included in the aforesaid application to the Transportation

Alternatives Program and to take such other steps as may be necessary to support this application.

ROLL CALL:

AYES:

NAYS:

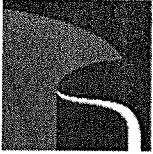
ABSTAIN:

ABSENT:

CERTIFICATION

I HEREBY CERTIFY the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on November 9, 2020.

Kathleen Hart
Borough Clerk



Roberts
ENGINEERING GROUP LLC
Women Business Enterprise Certified

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

November 2, 2020

Mayor and Council
Borough of Roosevelt
33 North Rochdale Avenue
P.O. Box 128
Roosevelt, New Jersey 08555

Re: Stormwater Control Ordinance
Roosevelt Borough, Monmouth County, New Jersey
Our File No.: R4103

Dear Mayor and Council:

As you know, the Borough maintains a Tier B MS4 New Jersey Pollutant Discharge Elimination System (NJPDES) Stormwater Permit and must remain in compliance each year. On March 2, 2020, the NJDEP informed the Borough that the Stormwater Management rules at NJAC 7:8 were amended and this will require the Borough to update its Stormwater Control Ordinance in order to stay in compliance with the NJPDES Stormwater Permit.

Attached to this letter, please find a copy of the updated Stormwater Control Ordinance prepared by this office to replace the existing ordinance. The new Stormwater Control Ordinance must be adopted and effective by March 3, 2021 at the latest. After the ordinance is adopted by the Borough, Monmouth County must be given time to review it and to respond within 60 days.

As of today, there are only four (4) months until the March 3rd deadline. We recommend the new Stormwater Ordinance be reviewed and adopted as soon as possible to ensure the Borough remains in compliance with the NJPDES Stormwater Permit.

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

Very truly yours,

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

cc: Kathleen Hart, RMC, CMR, Borough Clerk
Ana Debevec, Borough Treasurer
Gregory Cannon, Esq., Borough Attorney
Cameron Corini, PE, CME, Roberts Engineering Group, LLC
Kelly Pham, Roberts Engineering Group, LLC

Chapter Z. Zoning

Article VI. Supplementary Regulations

6.160. Stormwater Management.

6.161. Purpose, Policy, Applicability and Compatibility with Other Permit and Ordinance Requirements.

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

B. Purpose. The purpose of this ordinance is to establish minimum stormwater management requirements and controls for "major development," as defined below in Section 6.162.

C. Applicability

1. This ordinance shall be applicable to the following major developments:
 - a. Non-residential major developments; and
 - b. Aspects of residential major developments that are not pre-empted by the Residential Site Improvement Standards at N.J.A.C. 5:21.
2. This ordinance shall also be applicable to all major developments undertaken by the Borough of Roosevelt.

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.

6.162. Definitions.

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

different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory. The definitions below are the same as or based on the corresponding definitions in the Stormwater Management Rules at N.J.A.C. 7:8-1.2.

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

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

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

“Compaction” means the increase in soil bulk density.

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

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

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

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

“Department” means the Department of Environmental Protection.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of "regulated impervious surface" since February 2, 2004;
3. The creation of one-quarter acre or more of "regulated motor vehicle surface" since March 2, 2021 *{or the effective date of this ordinance, whichever is earlier}*; or
4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more.

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

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

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

Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually result in the disturbance of one or more acres of land since February 2, 2004. Projects undertaken by any government agency that otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered "major development."

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

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

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

“Municipality” means 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 Section IV.F. of this ordinance and N.J.A.C. 7:8-5.2(g), that the proposed measure and its design will contribute to achievement of the design and performance standards established by this chapter.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6.163. Design and Performance Standards for Stormwater Management Measures

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

1. The minimum standards for erosion control are those established under the Soil and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules at N.J.A.C. 2:90.
2. The minimum standards for groundwater recharge, stormwater quality, and stormwater runoff quantity shall be met by incorporating green infrastructure.

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

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

6.164. 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 6.170.

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

C. The following linear development projects are exempt from the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Section 6.164.P, Q and R:

1. The construction of an underground utility line provided that the disturbed areas are revegetated upon completion;
2. The construction of an aboveground utility line provided that the existing conditions are maintained to the maximum extent practicable; and

3. The construction of a public pedestrian access, such as a sidewalk or trail with a maximum width of 14 feet, provided that the access is made of permeable material.

D. A waiver from strict compliance from the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity requirements of Section 6.164.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 6.164.O, P, Q and R to the maximum extent practicable;
3. The applicant demonstrates that, in order to meet the requirements of Section 6.164.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 6.164.D.3 above within the upstream drainage area of the receiving stream, that would provide additional opportunities to mitigate the requirements of Section 6.164.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 6.164.O, P, Q and R. When designed in accordance with the most current version of the New Jersey Stormwater Best Management Practices Manual, the stormwater management measures found at N.J.A.C. 7:8-5.2 (f) Tables 5-1, 5-2 and 5-3 and listed below in Tables 1, 2 and 3 are presumed to be capable of providing stormwater controls for the design and performance standards as outlined in the tables below. Upon amendments of the New Jersey Stormwater Best Management Practices to reflect additions or deletions of BMPs meeting these standards, or changes in the presumed performance of BMPs designed in accordance with the New Jersey Stormwater BMP Manual, the Department shall publish in the New Jersey Registers a notice of administrative change revising the applicable table. The most current version of the BMP Manual can be found on the Department's website at:

https://njstormwater.org/bmp_manual2.htm.

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

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

(Notes corresponding to annotations (a) through (g) are found after Table 3.)

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

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

(Notes corresponding to annotations (b) through (d) are found after Table 3.)

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

Notes to Tables 1, 2, and 3:

- (a) subject to the applicable contributory drainage area limitation specified at Section 6.164.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 6.162;
- (h) manufactured treatment devices that do not meet the definition of green infrastructure at Section 6.162.

G. An alternative stormwater management measure, alternative removal rate, and/or alternative method to calculate the removal rate may be used if the design engineer demonstrates the capability of the proposed alternative stormwater management measure and/or the validity of the alternative rate or method to the municipality. A copy of any approved alternative stormwater management measure, alternative removal rate, and/or alternative method to calculate the removal rate shall be provided to the Department in accordance with Section 6.166.B. Alternative stormwater management measures may be used to satisfy the requirements at Section 6.164.O only if the measures meet the definition of green infrastructure at Section 6.162. Alternative stormwater management measures that function in a similar manner to a BMP listed at Section O.2 are subject to the contributory drainage area limitation specified at Section O.2 for that similarly functioning BMP. Alternative stormwater management measures approved in accordance with this subsection that do not function in a similar manner to any BMP listed at Section O.2 shall have a contributory drainage area less than or equal to 2.5 acres, except for alternative stormwater management measures that function similarly to cisterns, grass swales, green roofs, standard constructed wetlands, vegetative filter strips, and wet ponds, which are not subject to a contributory drainage area limitation. Alternative measures that function similarly to standard constructed wetlands or wet ponds shall not be used for compliance with the stormwater runoff quality standard unless a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Section 6.164.D is granted from Section 6.164.O.

H. Whenever the stormwater management design includes one or more BMPs that will infiltrate stormwater into subsoil, the design engineer shall assess the hydraulic impact on the groundwater table and design the site, so as to avoid adverse hydraulic impacts. Potential adverse hydraulic impacts include, but are not limited to, exacerbating a naturally or seasonally high water table, so as to cause surficial ponding, flooding of basements, or interference with the proper operation of subsurface sewage disposal systems or other subsurface structures within the zone of influence of the groundwater mound, or interference with the proper functioning of the stormwater management measure itself.

L. 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 6.168.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 6.168; and
5. The size of the orifice at the intake to the outlet from the stormwater management BMP shall be a minimum of two and one-half inches in diameter.

J. Manufactured treatment devices may be used to meet the requirements of this subchapter, provided the pollutant removal rates are verified by the New Jersey Corporation for Advanced Technology and certified by the Department. Manufactured treatment devices that do not meet the definition of green infrastructure at Section II may be used only under the circumstances described at Section 6.164.O.4.

K. Any application for a new agricultural development that meets the definition of major development at Section 6.162 shall be submitted to the Soil Conservation District for review and approval in accordance with the requirements at Sections 6.164.O, P, Q and R and any applicable Soil Conservation District guidelines for stormwater runoff quantity and erosion control. For purposes of this subsection, "agricultural development" means land uses normally associated with the production of food, fiber, and livestock for sale. Such uses do not include the development of land for the processing or sale of food and the manufacture of agriculturally related products.

I. If there is more than one drainage area, the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 6.164.P, Q and R shall be met in each drainage area, unless the runoff from the drainage areas converge onsite and no adverse environmental impact would occur as a result of compliance with any one or more of the individual standards being determined utilizing a weighted average of the results achieved for that individual standard across the affected drainage areas.

M. Any stormwater management measure authorized under the municipal stormwater management plan or ordinance shall be reflected in a deed notice recorded in the Monmouth County Clerk's Office. A form of deed notice shall be submitted to the municipality for approval prior to filing. The deed notice shall contain a description of the stormwater management measure(s) used to meet the green infrastructure, groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 6.164.O, P, Q and R and shall identify the location of the stormwater management measure(s) in NAD 1983 State Plane New Jersey FIPS 2900 US Feet or Latitude and Longitude in decimal degrees. The deed notice shall also reference the maintenance plan required to be recorded upon the deed pursuant to Section 6.170.B.5. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality. Proof that the required information has been recorded on the deed shall be in the form of either a copy of the complete recorded document or a receipt from the clerk or other proof of recordation provided by the recording office. However, if the initial proof provided to the municipality is not a copy of the complete recorded document, a copy

of the complete recorded document shall be provided to the municipality within 180 calendar days of the authorization granted by the municipality.

N. A stormwater management measure approved under the municipal stormwater management plan or ordinance may be altered or replaced with the approval of the municipality, if the municipality determines that the proposed alteration or replacement meets the design and performance standards pursuant to Section 6.164 of this ordinance and provides the same level of stormwater management as the previously approved stormwater management measure that is being altered or replaced. If an alteration or replacement is approved, a revised deed notice shall be submitted to the municipality for approval and subsequently recorded with the Monmouth County Clerk’s Office and shall contain a description and location of the stormwater management measure, as well as reference to the maintenance plan, in accordance with M above. Prior to the commencement of construction, proof that the above required deed notice has been filed shall be submitted to the municipality in accordance with M above.

O. Green Infrastructure Standards

1. This subsection specifies the types of green infrastructure BMPs that may be used to satisfy the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards.
2. To satisfy the groundwater recharge and stormwater runoff quality standards at Section 6.164.P and Q, the design engineer shall utilize green infrastructure BMPs identified in Table 1 at Section 6.164.F. and/or an alternative stormwater management measure approved in accordance with Section 6.164.G. The following green infrastructure BMPs are subject to the following maximum contributory drainage area limitations:

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

3. To satisfy the stormwater runoff quantity standards at Section 6.164.R, the design engineer shall utilize BMPs from Table 1 or from Table 2 and/or an alternative stormwater management measure approved in accordance with Section IV.G.
4. If a variance in accordance with N.J.A.C. 7:8-4.6 or a waiver from strict compliance in accordance with Section 6.164.D is granted from the requirements of this subsection, then

BMPs from Table 1, 2, or 3, and/or an alternative stormwater management measure approved in accordance with Section 6.164.G may be used to meet the groundwater recharge, stormwater runoff quality, and stormwater runoff quantity standards at Section 6.164.P, Q and R.

5. For separate or combined storm sewer improvement projects, such as sewer separation, undertaken by a government agency or public utility (for example, a sewerage company), the requirements of this subsection shall only apply to areas owned in fee simple by the government agency or utility, and areas within a right-of-way or easement held or controlled by the government agency or utility; the entity shall not be required to obtain additional property or property rights to fully satisfy the requirements of this subsection. Regardless of the amount of area of a separate or combined storm sewer improvement project subject to the green infrastructure requirements of this subsection, each project shall fully comply with the applicable groundwater recharge, stormwater runoff quality control, and stormwater runoff quantity standards at Section 6.164.P, Q and R, unless the project is granted a waiver from strict compliance in accordance with Section 6.164.D.

P. Groundwater Recharge Standards

1. This subsection contains the minimum design and performance standards for groundwater recharge as follows:
2. The design engineer shall, using the assumptions and factors for stormwater runoff and groundwater recharge calculations at Section 6.165, either:
 - a. Demonstrate through hydrologic and hydraulic analysis that the site and its stormwater management measures maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site; or
 - b. Demonstrate through hydrologic and hydraulic analysis that the increase of stormwater runoff volume from pre-construction to post-construction for the 2-year storm is infiltrated.
3. This groundwater recharge requirement does not apply to projects within the “urban redevelopment area,” or to projects subject to 4 below.
4. The following types of stormwater shall not be recharged:
 - a. Stormwater from areas of high pollutant loading. High pollutant loading areas are areas in industrial and commercial developments where solvents and/or petroleum products are loaded/unloaded, stored, or applied, areas where pesticides are loaded/unloaded or stored; areas where hazardous materials are expected to be present in greater than “reportable quantities” as defined by the United States Environmental Protection Agency (EPA) at 40 CFR 302.4; areas where recharge would be inconsistent with Department approved remedial action work plan or landfill closure plan and areas with high risks for spills of toxic materials, such as gas stations and vehicle maintenance facilities; and

- b. Industrial stormwater exposed to “source material.” “Source material” means any material(s) or machinery, located at an industrial facility, that is directly or indirectly related to process, manufacturing or other industrial activities, which could be a source of pollutants in any industrial stormwater discharge to groundwater. Source materials include, but are not limited to, raw materials; intermediate products; final products; waste materials; by-products; industrial machinery and fuels, and lubricants, solvents, and detergents that are related to process, manufacturing, or other industrial activities that are exposed to stormwater.

Q. Stormwater Runoff Quality Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quality impacts of major development. Stormwater runoff quality standards are applicable when the major development results in an increase of one-quarter acre or more of regulated motor vehicle surface.
2. Stormwater management measures shall be designed to reduce the post-construction load of total suspended solids (TSS) in stormwater runoff generated from the water quality design storm as follows:
 - a. Eighty percent TSS removal of the anticipated load, expressed as an annual average shall be achieved for the stormwater runoff from the net increase of motor vehicle surface.
 - b. If the surface is considered regulated motor vehicle surface because the water quality treatment for an area of motor vehicle surface that is currently receiving water quality treatment either by vegetation or soil, by an existing stormwater management measure, or by treatment at a wastewater treatment plant is to be modified or removed, the project shall maintain or increase the existing TSS removal of the anticipated load expressed as an annual average.
3. The requirement to reduce TSS does not apply to any stormwater runoff in a discharge regulated under a numeric effluent limitation for TSS imposed under the New Jersey Pollutant Discharge Elimination System (NJPDES) rules, N.J.A.C. 7:14A, or in a discharge specifically exempt under a NJPDES permit from this requirement. Every major development, including any that discharge into a combined sewer system, shall comply with 2 above, unless the major development is itself subject to a NJPDES permit with a numeric effluent limitation for TSS or the NJPDES permit to which the major development is subject exempts the development from a numeric effluent limitation for TSS.
4. The water quality design storm is 1.25 inches of rainfall in two hours. Water quality calculations shall take into account the distribution of rain from the water quality design storm, as reflected in Table 4, below. The calculation of the volume of runoff may take into account the implementation of stormwater management measures.

Table 4 - Water Quality Design Storm Distribution

Time (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,

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

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

6. Stormwater management measures shall also be designed to reduce, to the maximum extent feasible, the post-construction nutrient load of the anticipated load from the developed site in stormwater runoff generated from the water quality design storm. In achieving reduction of nutrients to the maximum extent feasible, the design of the site shall include green infrastructure BMPs that optimize nutrient removal while still achieving the performance standards in Section 6.164.P, Q and R.
7. In accordance with the definition of FW1 at N.J.A.C. 7:9B-1.4, stormwater management measures shall be designed to prevent any increase in stormwater runoff to waters classified as FW1.
8. The Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-4.1(c)1 establish 300-foot riparian zones along Category One waters, as designated in the Surface Water Quality Standards at N.J.A.C. 7:9B, and certain upstream tributaries to Category One waters. A person shall not undertake a major development that is located within or discharges into a 300-foot riparian zone without prior authorization from the Department under N.J.A.C. 7:13.
9. Pursuant to the Flood Hazard Area Control Act Rules at N.J.A.C. 7:13-11.2(j)3.i, runoff from the water quality design storm that is discharged within a 300-foot riparian zone shall be treated in accordance with this subsection to reduce the post-construction load of total suspended solids by 95 percent of the anticipated load from the developed site, expressed as an annual average.
10. This stormwater runoff quality standards do not apply to the construction of one individual single-family dwelling, provided that it is not part of a larger development or subdivision that has received preliminary or final site plan approval prior to December 3, 2018, and that the motor vehicle surfaces are made of permeable material(s) such as gravel, dirt, and/or shells.

R. Stormwater Runoff Quantity Standards

1. This subsection contains the minimum design and performance standards to control stormwater runoff quantity impacts of major development.

2. In order to control stormwater runoff quantity impacts, the design engineer shall, using the assumptions and factors for stormwater runoff calculations at Section 6.165, complete one of the following:
 - a. Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, post-construction runoff hydrographs for the 2-, 10-, and 100-year storm events do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events;
 - b. Demonstrate through hydrologic and hydraulic analysis that there is no increase, as compared to the pre-construction condition, in the peak runoff rates of stormwater leaving the site for the 2-, 10- and 100-year storm events and that the increased volume or change in timing of stormwater runoff will not increase flood damage at or downstream of the site. This analysis shall include the analysis of impacts of existing land uses and projected land uses assuming full development under existing zoning and land use ordinances in the drainage area;
 - c. Design stormwater management measures so that the post-construction peak runoff rates for the 2-, 10- and 100-year storm events are 50, 75 and 80 percent, respectively, of the pre-construction peak runoff rates. The percentages apply only to the post-construction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed; or
3. The stormwater runoff quantity standards shall be applied at the site's boundary to each abutting lot, roadway, watercourse, or receiving storm sewer system.

6.165. Calculation of Stormwater Runoff and Groundwater Recharge:

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

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

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

or at United States Department of Agriculture Natural Resources Conservation Service, 220 Davison Avenue, Somerset, New Jersey 08873; or
 - b. The Rational Method for peak flow and the Modified Rational Method for hydrograph computations. The rational and modified rational methods are

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

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

2. For the purpose of calculating runoff coefficients and groundwater recharge, there is a presumption that the pre-construction condition of a site or portion thereof is a wooded land use with good hydrologic condition. The term "runoff coefficient" applies to both the NRCS methodology above at Section 6.165.A.1.i and the Rational and Modified Rational Methods at Section 6.165.A.1.ii. A runoff coefficient or a groundwater recharge land cover for an existing condition may be used on all or a portion of the site if the design engineer verifies that the hydrologic condition has existed on the site or portion of the site for at least five years without interruption prior to the time of application. If more than one land cover have existed on the site during the five years immediately prior to the time of application, the land cover with the lowest runoff potential shall be used for the computations. In addition, there is the presumption that the site is in good hydrologic condition (if the land use type is pasture, lawn, or park), with good cover (if the land use type is woods), or with good hydrologic condition and conservation treatment (if the land use type is cultivation).
3. In computing pre-construction stormwater runoff, the design engineer shall account for all significant land features and structures, such as ponds, wetlands, depressions, hedgerows, or culverts, that may reduce pre-construction stormwater runoff rates and volumes.
4. In computing stormwater runoff from all design storms, the design engineer shall consider the relative stormwater runoff rates and/or volumes of pervious and impervious surfaces separately to accurately compute the rates and volume of stormwater runoff from the site. To calculate runoff from unconnected impervious cover, urban impervious area modifications as described in the NRCS Technical Release 55 – Urban Hydrology for Small Watersheds or other methods may be employed.
5. If the invert of the outlet structure of a stormwater management measure is below the flood hazard design flood elevation as defined at N.J.A.C. 7:13, the design engineer shall take into account the effects of tailwater in the design of structural stormwater management measures.

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

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

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

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

6.166. 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.

6.167. Solids and Floatable Materials Control Standards:

A. Site design features identified under Section 6.164.F above, or alternative designs in accordance with Section 6.164.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 6.167.A.2 below.

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

Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains.

Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater system floors used to collect stormwater from the surface into a storm drain or surface water body.

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

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

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

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

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

6.168. Safety Standards for Stormwater Management Basins:

A. This section sets forth requirements to protect public safety through the proper design and operation of stormwater management BMPs. This section applies to any new stormwater management BMP.

B. The provisions of this section are not intended to preempt more stringent municipal or county safety requirements for new or existing stormwater management BMPs. Municipal and county stormwater management plans and ordinances may, pursuant to their authority, require existing stormwater management BMPs to be retrofitted to meet one or more of the safety standards in Section 6.168.C.1, 6.168.C.2, and 6.168.C.3 for trash racks, overflow grates, and escape provisions at outlet structures.

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

1. A trash rack is a device designed to catch trash and debris and prevent the clogging of outlet structures. Trash racks shall be installed at the intake to the outlet from the Stormwater management BMP to ensure proper functioning of the BMP outlets in accordance with the following:
 - a. The trash rack shall have parallel bars, with no greater than six-inch spacing between the bars;
 - b. The trash rack shall be designed so as not to adversely affect the hydraulic performance of the outlet pipe or structure;
 - c. The average velocity of flow through a clean trash rack is not to exceed 2.5 feet per second under the full range of stage and discharge. Velocity is to be computed on the basis of the net area of opening through the rack; and
 - d. The trash rack shall be constructed of rigid, durable, and corrosion resistant material and designed to withstand a perpendicular live loading of 300 pounds per square foot.
2. An overflow grate is designed to prevent obstruction of the overflow structure. If an outlet structure has an overflow grate, such grate shall meet the following requirements:
 - a. The overflow grate shall be secured to the outlet structure but removable for emergencies and maintenance.
 - b. The overflow grate spacing shall be no less than two inches across the smallest dimension
 - c. The overflow grate shall be constructed and installed to be rigid, durable, and corrosion resistant, and shall be designed to withstand a perpendicular live loading of 300 pounds per square foot.
3. Stormwater management BMPs shall include escape provisions as follows:

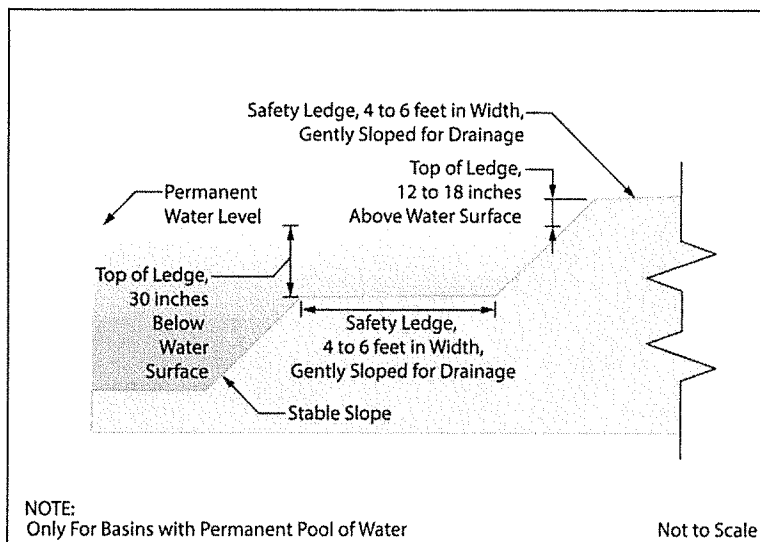
- a. If a stormwater management BMP has an outlet structure, escape provisions shall be incorporated in or on the structure. Escape provisions include the installation of permanent ladders, steps, rungs, or other features that provide easily accessible means of egress from stormwater management BMPs. With the prior approval of the municipality pursuant to 6.168.C, a free-standing outlet structure may be exempted from this requirement;
- b. Safety ledges shall be constructed on the slopes of all new stormwater management BMPs having a permanent pool of water deeper than two and one-half feet. Safety ledges shall be comprised of two steps. Each step shall be four to six feet in width. One step shall be located approximately two and one-half feet below the permanent water surface, and the second step shall be located one to one and one-half feet above the permanent water surface. See 6.168.E for an illustration of safety ledges in a stormwater management BMP; and
- c. In new stormwater management BMPs, the maximum interior slope for an earthen dam, embankment, or berm shall not be steeper than three horizontal to one vertical.

D. Variance or Exemption from Safety Standard

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

E. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



6.169. Requirements for a Site Development Stormwater Plan

A. Submission of Site Development Stormwater Plan

1. Whenever an applicant seeks municipal approval of a development subject to this ordinance, the applicant shall submit all of the required components of the Checklist for the Site Development Stormwater Plan at Section 6.169.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 copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 6.169.C of this ordinance.

B. Site Development Stormwater Plan Approval

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

C. Submission of Site Development Stormwater Plan

The following information shall be required:

1. Topographic Base Map

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

2. Environmental Site Analysis

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

3. Project Description and Site Plans

A map (or maps) at the scale of the topographical base map indicating the location of existing and proposed buildings roads, parking areas, utilities, structural facilities for stormwater management and sediment control, and other permanent structures. The

map(s) shall also clearly show areas where alterations will occur in the natural terrain and cover, including lawns and other landscaping, and seasonal high groundwater elevations. A written description of the site plan and justification for proposed changes in natural conditions shall also be provided.

4. Land Use Planning and Source Control Plan

This plan shall provide a demonstration of how the goals and standards of Sections 6.163 through 6.165 are being met. The focus of this plan shall be to describe how the site is being developed to meet the objective of controlling groundwater recharge, stormwater quality and stormwater quantity problems at the source by land management and source controls whenever possible.

5. Stormwater Management Facilities Map

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

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

6. Calculations

- a. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in Section 6.164 of this ordinance.
- b. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of Section 6.170.

8. Waiver from Submission Requirements

The municipal official or board reviewing an application under this ordinance may, in consultation with the municipality's review engineer, waive submission of any of the requirements in Section 6.169.C.1 through 6.169.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.

6.170. Maintenance and Repair

A. Applicability

Projects subject to review as in Section I.C of this ordinance shall comply with the requirements of Section 6.170.B and 6.170.C.

B. General Maintenance

1. The design engineer shall prepare a maintenance plan for the stormwater management measures incorporated into the design of a major development.
2. The maintenance plan shall contain specific preventative maintenance tasks and schedules; cost estimates, including estimated cost of sediment, debris, or trash removal; and the name, address, and telephone number of the person or persons responsible for preventative and corrective maintenance (including replacement). The plan shall contain information on BMP location, design, ownership, maintenance tasks and frequencies, and other details as specified in Chapter 8 of the NJ BMP Manual, as well as the tasks specific to the type of BMP, as described in the applicable chapter containing design specifics.
3. If the maintenance plan identifies a person other than the property owner (for example, a developer, a public agency or homeowners' association) as having the responsibility for maintenance, the plan shall include documentation of such person's or entity's agreement to assume this responsibility, or of the owner's obligation to dedicate a stormwater management facility to such person under an applicable ordinance or regulation.
4. Responsibility for maintenance shall not be assigned or transferred to the owner or tenant of an individual property in a residential development or project, unless such owner or tenant owns or leases the entire residential development or project. The individual property owner may be assigned incidental tasks, such as weeding of a green infrastructure BMP, provided the individual agrees to assume these tasks; however, the individual cannot be legally responsible for all of the maintenance required.
5. If the party responsible for maintenance identified under Section 6.170.B.3 above is not a public agency, the maintenance plan and any future revisions based on Section X.B.7 below shall be recorded upon the deed of record for each property on which the maintenance described in the maintenance plan must be undertaken.
6. Preventative and corrective maintenance shall be performed to maintain the functional parameters (storage volume, infiltration rates, inflow/outflow capacity, etc.) of the stormwater management measure, including, but not limited to, repairs or replacement to the structure; removal of sediment, debris, or trash; restoration of eroded areas; snow and

ice removal; fence repair or replacement; restoration of vegetation; and repair or replacement of non-vegetated linings.

7. The party responsible for maintenance identified under Section 6.170.B.3 above shall perform all of the following requirements:
 - a. maintain a detailed log of all preventative and corrective maintenance for the structural stormwater management measures incorporated into the design of the development, including a record of all inspections and copies of all maintenance-related work orders;
 - b. evaluate the effectiveness of the maintenance plan at least once per year and adjust the plan and the deed as needed; and
 - c. retain and make available, upon request by any public entity with administrative, health, environmental, or safety authority over the site, the maintenance plan and the documentation required by Section 6.170.B.6 and B.7 above.

8. The requirements of Section 6.170.B.3 and B.4 do not apply to stormwater management facilities that are dedicated to and accepted by the municipality or another governmental agency, subject to all applicable municipal stormwater general permit conditions, as issued by the Department.

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

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

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

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

6.171. Penalties

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

6.172. Severability

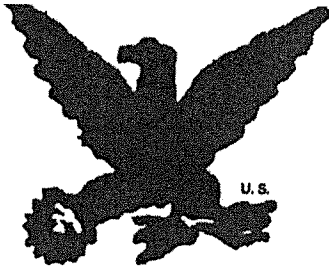
Each section, subsection, sentence, clause and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Ordinance to be unconstitutional, void, or ineffective for any cause, or reason, shall not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

6.173. Effective Date

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

ALL OF WHICH IS ADOPTED THIS _____ day of _____, 20____, by the

_____.



Borough of Roosevelt
Jersey Homestead Historic District

P.O. BOX 128 • 33 N. ROCHDALE AVENUE • ROOSEVELT, NEW JERSEY 08555

OFFICE: (609) 448-0539 • FAX: (609) 448-8716

ROOSEVELT RESIDENTS

FREE RABIES CLINIC

DATE: 11/21/20

TIME: 11:00 am – 1:00 pm

LOCATION: Millstone Park
Red Valley Road, Millstone, NJ
(4.5 miles from Roosevelt Borough Hall)

