### Appendix Vol I.7 Belmar Borough

Please find below the following documents specific to this jurisdiction that have been included as part of the plan update process.

- Summary Sheet
- Mitigation Action Table
- Mitigation Action Worksheets
- Capability Assessment
- Flood Zone Map
- Sea Level Rise Vulnerability Map
- Meeting Material

### **NFIP Statistics**

896 Polices In-force

475 Total Losses

\$19,281,123 Total Payments

**Number of RL Properties** 

**Number Mitigated RL Properties** 

109 RL - Total Losses

\$4,670,828 RL - Total Paid



Number of SRL Properties

**Number Mitigated SRL Properties** 

SRL - Total Losses

SRL - Total Paid

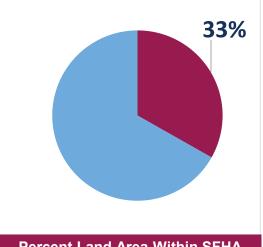
### **Critical Facilities**



12 Critical Facilities

4 Critical Infrastructure

Historic & Cultural Resources



Percent Land Area Within SFHA

**Total Mitigation Actions** 



**Education and Awareness Programs** 



Structure and Infrastructure Projects



Local Plans and Regulations



Natural Systems Protection



SV Population At Risk (2017)

1,898 Population at Risk (2017)

Belmar, Borough of	Be	lmar,	<b>Borough</b>	of
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# Monmouth County HMP Mitigation Action Summary

Community Action #	Action Name	Action Description	Action Category	Action Type	Hazard(s) Addressed	Priority	Ease of Implementation	Responsible Party	Potential Funding Sources	Cost Estimate	Timeline	Action Status
07_01	Lake Como Flooding Mitigation	The Lake Como Flood Mitigation Project is to increase the amount of stormwater which can be removed from the lake before and during a storm event, by replacing the current outlet pipe and providing for a permanent forced main to pump out storm water in emergencies. At the same time, the ground level elevations on the north side of the toke would be elevated by regrading in order to prevent the lake from overflowing and flooding adjacent roadways and surrounding properties.		Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Borough Administrator		\$25,000.00		Completed
07_02	Silver Lake Flooding Mitigation	The Silver Lake Flooding mitigation project is constructed. A 48" gravity fed and forced main running from Silver Lake to the Shark River Inlet under A Street.		Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Borough Administrator		\$1,300,000.00		Completed
07_03	Replace and Elevate Bulkhead at L Street Beach and Maclearie Park	Replace existing timber bulkhead with a new steel bulkhead along Route 35 at L Street Beach and Maclearie Park. The existing timer and concrete are deteriorated and too low to offer significant protection to the properties behind it.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Borough Administrator	FEMA HMA	\$2,700,000.00	1 year	Ongoing
07_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Of the approximately 210 houses located in the SFHA of VE and A, 114 are primary residences that are eligible for federal funding to cover the Increased Cost of Compliance to elevate the structures. These primary residences range from Elevation 6 - 11.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Affected homeowners	FEMA HMA		2 years	Ongoing
07_05	Install a Steel Sheet Pile along the Beach	The installation of a steel sheet pile, 30-feet long driven into the beach on the east side of the boardwalk (on the east side of Ocean Avenue) will establish surge protection at elevation 13 feet.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Borough of Belmar	FEMA HMA	\$5,000,000.00	2 years	Ongoing
07_06	Consolidate and Relocate Emergency Services Outside of SFHA	Consolidate the three fire stations and first aid squad to a building outside the SFHA.	Mitigation - Continuity of Fuctional Use	Structure and Infrastructure Project	All Hazards	Medium	High	Borough	Municipal budget		1 year	New
07_07	Purchase and Install Transfer Switches for Generators	Transfer switches for generators at the fire station/first aid building, municipal complex, and Belmar Housing Authority, which are used as shelters.	Maintenance/Respon se/Recovery	Structure and Infrastructure Project	All Hazards	Low	Low	Borough	FEMA HMA	\$100,000.00	1 year	New
07_08	Purchase and Install a Generator for Police Station to Provide Continuity of Operations During a Storm	The Belmar Police Station needs a new generator to provide for continuity of operations during a storm event.	Maintenance/Respon se/Recovery	Structure and Infrastructure Project	All Hazards	Low	Low	Borough	FEMA HMA	\$200,000.00	1 year	New

Thursday, August 6, 2020 Page 1

Community Action Number: 07 01

Belmar, Borough of

### **Describing the Action**

Action Name: Lake Como Flooding Mitigation

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Localized Flood Risk Reduction Projects

Action Description: The Lake Como Flood Mitigation Project is to increase the amount of stormwater which can be removed from the

lake before and during a storm event, by replacing the current outlet pipe and providing for a permanent forced main to pump out storm water in emergencies. At the same time, the ground level elevations on the north side of the toke would be elevated by regrading in order to prevent the lake from overflowing and flooding adjacent

roadways and surrounding properties.

### **Evaluating the Action**

Hazard(s) Addressed: Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 2, 3, 5, 6

Risk Reduction: Repetitive stormwater flooding around Lake Como causes property damage & road closures.

Technical: The actions ore highly achievable from a technical aspect. The installation of a new outfall pipe and force main along

with emergency pumping capabilities are technically within the expertise of the Borough Engineer.

Political: There is high community support for this project. Over 75 citizens recently attended o meeting at Belmar Borough

Hall on this topic. Belmar's elected officials ore advocates for the project as well as elected officials I from

neighboring towns.

Legal: Belmar represents one of three owners of the lake. Spring Lake and Lake Como share ownership. The three

municipalities are already partners of an agreement for emergency management of the lake and are eager to

implement more permanent solution as outlined in this mitigation strategy.

Environmental: No adverse environmental impact anticipated.

Social: This action will only improve the quality of life in surrounding neighborhoods. No disruptions are anticipated.

Administrative Capability: Belmar has the capacity to administer this project.

Local Champion: There are multiple advocates for this project including elected officials, community groups, and municipal DPWs.

Other Community Objectives: This action furthers many objectives in addition to the mitigation of the flooding hazard, economic development and

water quality just two of them.

STAPLEE Evaluation: N/A

### **Implementing the Action**

Cost Estimate: \$25,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Borough Administrator

Local Planning Mechanism: Inter local agreement between the three municipalities, municipal engineering, State and County

Likely Funding Source(s):

Timeline:

Action Status: Completed

Notes: HMGP funding of \$1,093,650 for Lake Como Flood Mitigation pending obligation as of 2020

Community Action Number: 07 02 Belmar, Borough of

**Describing the Action** 

Action Name: Silver Lake Flooding Mitigation

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Localized Flood Risk Reduction Projects

Action Description: The Silver Lake Flooding mitigation project is constructed. A 48" gravity fed and forced main running from Silver Lake

to the Shark River Inlet under A Street.

**Evaluating the Action** 

Hazard(s) Addressed: Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 2, 3, 5, 6

Risk Reduction: Repetitive stormwater flooding at Silver Lake which causes property damage and road closures.

Technical: The actions are highly achievable from a technical aspect. The installation of a new outfall pipe and force main along

with emergency pumping capabilities are technically within the expertise of the Borough Engineer.

Political: There is high community and elected official support for this project.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: This action will only improve the quality of life in surrounding neighborhoods. Other than road closures during

construction -no disruptions are anticipated.

Administrative Capability: Belmar has the capacity to administer this project.

Local Champion: There are multiple advocates for this project including elected officials, community groups, municipal DPWs.

Other Community Objectives: This action furthers many objectives in addition to the mitigation of the flooding hazard, economic development and

water quality just two of them.

STAPLEE Evaluation: N/A

**Implementing the Action** 

Cost Estimate: \$1,300,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Borough Administrator

Local Planning Mechanism: Interlocal agreement between the three municipalities, municipal engineering, State and County permitting.

Likely Funding Source(s):

Timeline:

Action Status: Completed

Notes: The Borough was awarded FEMA Funding 406 Public Assistance of \$134,050.16.

HMGP funding of \$1,161,129 for Silver Lake Flood Mitigation pending obligation as of 2020.

Community Action Number: 07 03

Belmar, Borough of

### **Describing the Action**

Action Name: Replace and Elevate Bulkhead at L Street Beach and Maclearie Park

Action Category: Mitigation - Risk Reduction

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Localized Flood Risk Reduction Projects

Action Description: Replace existing timber bulkhead with a new steel bulkhead along Route 35 at L Street Beach and Maclearie Park.

The existing timer and concrete are deteriorated and too low to offer significant protection to the properties behind

it.

### **Evaluating the Action**

Hazard(s) Addressed: Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 2, 3, 5, 6

Risk Reduction: Repetitive stormwater flooding from the Shark River during storm surges and high-volume rain events. Damage to

residential property, borough recreational areas and street closures.

Technical: The actions are highly achievable from a technical aspect. The installation of a new outfall pipe and force main along

with emergency pumping capabilities are technically within the expertise of the Borough Engineer.

Political: There is high community and elected official support for this project.

Legal: Coordination with state entities NJDEP & NJDOT.

Environmental: No adverse environmental impact anticipated.

Social: This action will only improve the quality of life in surrounding neighborhoods. No disruptions are anticipated.

Administrative Capability: Belmar has the capacity to administer this project.

Local Champion: There are multiple advocates for this project including elected officials, community groups, and municipal DPWs.

Other Community Objectives: This action furthers many objectives in addition to the mitigation of the flooding hazard, economic development and

water quality just two of them.

STAPLEE Evaluation: 11

### **Implementing the Action**

Cost Estimate: \$2,700,000.00

Priority: High

Scale of Ease of Implementation: Medium

Responsible Party: Borough Administrator

Local Planning Mechanism: Municipal engineering, State and County permitting

Likely Funding Source(s): FEMA HMA

Timeline: 1 year

Action Status: Ongoing

Notes: Maclearie Park was awarded \$165,957 of FEMA 406 Public Assistance Funding which repaired the landings

connecting boardwalk to bulkhead and replaced the concrete bulkhead cap. HMGP funding of \$2,044,500 for L Street Bulkhead pending obligation as of 2020.

Community Action Number: 07 04

Belmar, Borough of

**Describing the Action** 

Action Name: Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL)

and Severe Repetitive Loss (SRL) properties

Action Category: Mitigation - Risk Reduction

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Structure Elevation

Action Description: Of the approximately 210 houses located in the SFHA of VE and A, 114 are primary residences that are eligible for

federal funding to cover the Increased Cost of Compliance to elevate the structures. These primary residences range

from Elevation 6 - 11.

**Evaluating the Action** 

Hazard(s) Addressed: Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 1, 2, 3, 4, 5, 6

Risk Reduction: Several residential structures throughout the community are prone to flooding, with their main floor elevations

below current BFEs. Sea level rise and climate change will contribute to more frequent and severe flooding and surge

events.

Technical: Elevation is technically feasible.

Political: Political leadership strongly supports this type of project.

Legal: While the municipality does not own the structures in questions, they fully support the homeowners in moving

forward.

Environmental: No environmental impacts are anticipated as a result of elevating the homes.

Social: No particular social group in our community is likely to be disproportionately impacted by this project.

Administrative Capability: Our municipality has the administrative capabilities to manage an elevation project.

Local Champion: Affected homeowners

Other Community Objectives:

STAPLEE Evaluation: 11

### **Implementing the Action**

Cost Estimate:

Priority: High
Scale of Ease of Implementation: Medium

Responsible Party: Affected homeowners

Local Planning Mechanism: Belmar Planning Board, Belmar Zoning Board

Likely Funding Source(s): FEMA HMA

Timeline: 2 years
Action Status: Ongoing

Notes: Ongoing 2015 action; the Borough will continue to educate property owners on funding opportunities for mitigation.

HGMP funding of \$8,251,425 for elevation of 114 homes pending obligation as of 2020.

Community Action Number: 07 05

Belmar, Borough of

### **Describing the Action**

Action Name: Install a Steel Sheet Pile along the Beach

Action Category: Mitigation - Risk Reduction

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Localized Flood Risk Reduction Projects

Action Description: The installation of a steel sheet pile, 30-feet long driven into the beach on the east side of the boardwalk (on the

east side of Ocean Avenue) will establish surge protection at elevation 13 feet.

### **Evaluating the Action**

Hazard(s) Addressed: Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 1, 2, 3, 5, 6, 7

Risk Reduction: Most of Belmar is at elevation 6-9 feet. Ocean Avenue (bordering the Atlantic Ocean) is at Elevation 11 feet. Storm

surges above elevation 11 feet flood the town and Ocean Avenue becomes a damn trapping flood waters in town.

The sheet pile will protect homes from flooding.

Technical: Installation of the seawall is technically feasible.

Political: Our community and political leadership strongly supports this type of project.

Legal: Must acquire NJDEP permission.

Environmental: No environmental impacts are anticipated - All appropriate permits from DEP will be acquired.

Social: No particular social group in our community is likely to be disproportionately impacted by this project.

Administrative Capability: Our municipality has the administrative capabilities to manage this project.

Local Champion: There are many advocates for this project including elected officials, community groups, municipal DPW,

homeowners, and business owners.

Other Community Objectives: This action furthers many objectives in addition to the flooding hazard, economic development and water quality

among them.

STAPLEE Evaluation: 11

### **Implementing the Action**

Cost Estimate: \$5,000,000.00

Priority: High
Scale of Ease of Implementation: Medium

Responsible Party: Borough of Belmar

Local Planning Mechanism: Borough of Belmar, NJDEP

Likely Funding Source(s): FEMA HMA

Timeline: 2 years
Action Status: Ongoing

Notes: Ongoing 2015 action; Borough attempted to install the steel sheet pile however they do not have permission from

NJDEP's CAFRA regulations. The borough is still interested in this project and will continue to look for funding and

coordinate with NJDEP.

HMGP funding of \$6,296,250 for Seawall and Dunes pending obligation as of 2020.

Community Action Number: 07 06

Belmar, Borough of

### **Describing the Action**

Action Name: Consolidate and Relocate Emergency Services Outside of SFHA

Action Category: Mitigation - Continuity of Fuctional Use
Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Miscellaneous/Other/NA

Action Description: Consolidate the three fire stations and first aid squad to a building outside the SFHA.

### **Evaluating the Action**

Hazard(s) Addressed: All Hazards

Goals: 1, 3, 5, 7

Risk Reduction: Currently Fire Station 87-1 and the First Aid Squad 8721 are located in Zone A and were flooded during Superstorm

Sandy. Consolidating all the services together and relocating the building outside the SFHA will improve the

Borough's capability to response to emergencies.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group.

Administrative Capability: Borough has sufficient capacity and experience to administer this action.

Local Champion: Borough Administrator

Other Community Objectives:

STAPLEE Evaluation: N/A

### **Implementing the Action**

Cost Estimate:

Priority: Medium

Scale of Ease of Implementation: High

Responsible Party: Borough

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): Municipal budget

Timeline: 1 year

Action Status: New

Notes:

Community Action Number: 07 07

Belmar, Borough of

### **Describing the Action**

Action Name: Purchase and Install Transfer Switches for Generators

Action Category: Maintenance/Response/Recovery

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: Transfer switches for generators at the fire station/first aid building, municipal complex, and Belmar Housing

Authority, which are used as shelters.

### **Evaluating the Action**

Hazard(s) Addressed: All Hazards

Goals: 1, 3, 5, 6, 7

Risk Reduction: These critical facilities need back up power to continue to operations during a hazard.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group. Perceived by the public to be a good thing because it supports

local services during emergencies.

Administrative Capability: Borough has sufficient capacity and experience to administer this action

Local Champion: Borough Administrator

Other Community Objectives:

STAPLEE Evaluation: N/A

### **Implementing the Action**

Cost Estimate: \$100,000.00

Priority: Low

Scale of Ease of Implementation: Low

Responsible Party: Borough

Local Planning Mechanism: Emergency Operations Plan, HMP

Likely Funding Source(s): FEMA HMA

Timeline: 1 year

Action Status: New

Notes:

Community Action Number: 07 08

Belmar, Borough of

### **Describing the Action**

Action Name: Purchase and Install a Generator for Police Station to Provide Continuity of Operations During a Storm

Action Category: Maintenance/Response/Recovery

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: The Belmar Police Station needs a new generator to provide for continuity of operations during a storm event.

### **Evaluating the Action**

Hazard(s) Addressed: All Hazards

Goals: 1, 2, 7

Risk Reduction: The Belmar Police station services the nearby towns of Spring Lake Heights and Lake Como, in addition to Belmar.

There needs to be back up power at the station so the police can continue operating during a hazard.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group. Perceived by the public to be a good thing because it supports

local services during emergencies.

Administrative Capability: Borough has sufficient capacity and experience to administer this action.

Local Champion: Borough Administrator

Other Community Objectives:

STAPLEE Evaluation: N/A

### **Implementing the Action**

Cost Estimate: \$200,000.00

Priority: Low

Scale of Ease of Implementation: Low

Responsible Party: Borough

Local Planning Mechanism: Emergency Operations Plan, HMP

Likely Funding Source(s): FEMA HMA

Timeline: 1 year
Action Status: New

Notes: HMGP funding awarded to the Borough for Emergency Eva. Center of \$100,000.

Name: Edwawrd Kirschenbaum Title: Administrator

Jurisdiction: Borough of Belmar Organization:

Local Mitigation Capabilities are existing authorities, policies, programs, and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

### **Planning & Regulatory**

Planning and Regulatory Capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards. Please indicate which of the following your jurisdiction currently has in place.

Plan	Yes/No	<ol> <li>What is the date/year of the plan?</li> <li>Does the plan address hazards?</li> <li>Does the plan identify projects to include in the mitigation strategy?</li> <li>Can the plan be used to implement mitigation actions?</li> </ol>
Comprehensive/Master Plan	Yes	Reexam: 2016, discusses County CRS, ye- recommends new design standards to accommodate FEMA regs., recommends Borough complete and adopt a resiliency Statement, recommends Borough become CRS eligible
Capital Improvements Plan	No	Borough has indicated interest in this
Economic Development Plan	Yes	
Local Emergency Operations Plan	Yes	2019
Continuity of Operations Plan	Yes	Belmar/Lake Como Emergency Services Emergency Event Stand By Protocol
Post-Disaster Recovery Plan	Yes	
Transportation Plan		
Stormwater Management Plan	Yes	2009, and annual updates
Community Wildfire Protection Plan		



Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Yes	<ul> <li>Plan to Transport Belmar Housing Authority</li> <li>Seaport Redevelopment Area Redevelopment Plan</li> </ul>
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year: 2015 IRC; & 2015 IBC
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	Score: 3/3
Fire Department ISO rating	Yes	Rating: 4
Site Plan Review Requirements	Yes	
Land Use Planning and Ordinances	Yes/No	Is the ordinance an effective measure for reducing hazard impacts? Is the ordinance adequately administered and enforced?
Zoning Ordinance	Yes	
Subdivision Ordinance	Yes	
Floodplain Ordinance	Yes	
Natural hazard ordinance (stormwater, steep slope, wildfire)		
Flood Insurance Rate Maps	Yes	
Acquisition of Land for Open Space and Public Recreation Uses		
Post-Disaster Recovery Ordinance	Yes	
Real Estate Disclose Ordinance	Yes	



Other (ie. Special Purposes Ordinance)	Yes	Special Purposes Ordinance							
How can the above capabilities be expanded and improved to reduce risk?									

### **Administrative & Technical**

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/No	Describe capability Is coordination effective?
Planning Commission	Yes	
Mitigation Planning Committee	Yes	Lake Como/Belmar
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	
Mutual Aid Agreements	Yes	Police Dispatch, Fire, First Aid, and Code Enforcement with Lake Como
Staff	Yes/No FT/PT	Is the staff full time or part time? Is staffing adequate to enforce regulations? Is the staff trained on hazards and mitigation? Is coordination between agencies and staff effective?
Chief Building Official	Yes	PT
Floodplain Administrator	Yes	PT
Emergency Manager	Yes	FT, for Belmar and Lake Como
Community Planner	Yes	PT



Civil Engineer	Yes	РТ
Surveyor	No	
GIS Coordinator	No	
Scientists familiar with the hazards of the community	No	
Other	Yes	FT Media Director that handles social media
Technical	Yes/No	Describe capability
Warning Systems/Services (Reverse 911, outdoor warning signals)	Yes	Has capability been used to access/mitigate risk in the past?  Code Red, Code Blue, social media posts
Hazard Data and Information	Yes	
Grant Writing	Yes	
Hazus Analysis	No	
Other		
How can the above capabilities be	expanded	and improved to reduce risk?



### **Financial**

Identify whether your jurisdiction has access to or is eligible to use the following funding resources for hazard mitigation.

Funding Resource	Access / Eligibility (Yes/No)	Has the funding resource been used in the past and for what type of activities?  Could the resource be used to fund future mitigation actions?
Capital Improvements Project Funding	Yes	
Authority to Levy Taxes for Specific Purposes	Yes	
Fees for Water, Sewer, Gas, or Electric Services	Yes	
Impact Fees for New Development	Yes	
Stormwater Utility Fee		
Incur Debt Through Private Activities	No	
Community Development Block Grant	Yes	
Other Federal Funding Programs	No	
State Funding Programs		
Other (e.g., withhold spending in hazard-prone areas)	Yes	Incur Debt through General Obligation Funds, and Incur Debt through Special Tax and Revenue Bond

### How can these capabilities be expanded and improved to reduce risk?

The Borough of Belmar continues to pursue grant funding at the State and Federal level to implement hazard mitigation projects. Our ongoing partnerships with FEMA, Army Corps of Engineers, NJDEP, NJDOT and Monmouth Count are vital to obtaining the resources needed to implement our mitigation projects.



### **Education and Outreach**

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Program/Organization	Yes/No	Describe program/organization and how it relates to disaster resilience and mitigation.  Could the program/organization help implement future mitigation activities?
Local Citizen Groups or Non- Profit Organizations Focused on Environmental Protection, Emergency Preparedness, Access and Functional Needs Populations, etc.	Yes	Shark River Clean Up Coalition/ Clean Ocean Actionlocal environmental groups • Community Policing, Police Explorers Program, CERT
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Website has links on hurricane awareness, fire safety, water safety, (bi)annual mailings to all property owners, annual mailing to RLA property owners, pamphlets at Boro Hall, information at library
Natural Disaster or Safety Related School Programs	Yes	Social Media, fire and water safety in schools
StormReady Certification	No	Planning for future participation
Firewise Communities Certification	No	Planning for future participation
Public-Private Partnership Initiatives Addressing Disaster Related Issues		
Other		
How can these capabilities be expa	anded and i	mproved to reduce risk?





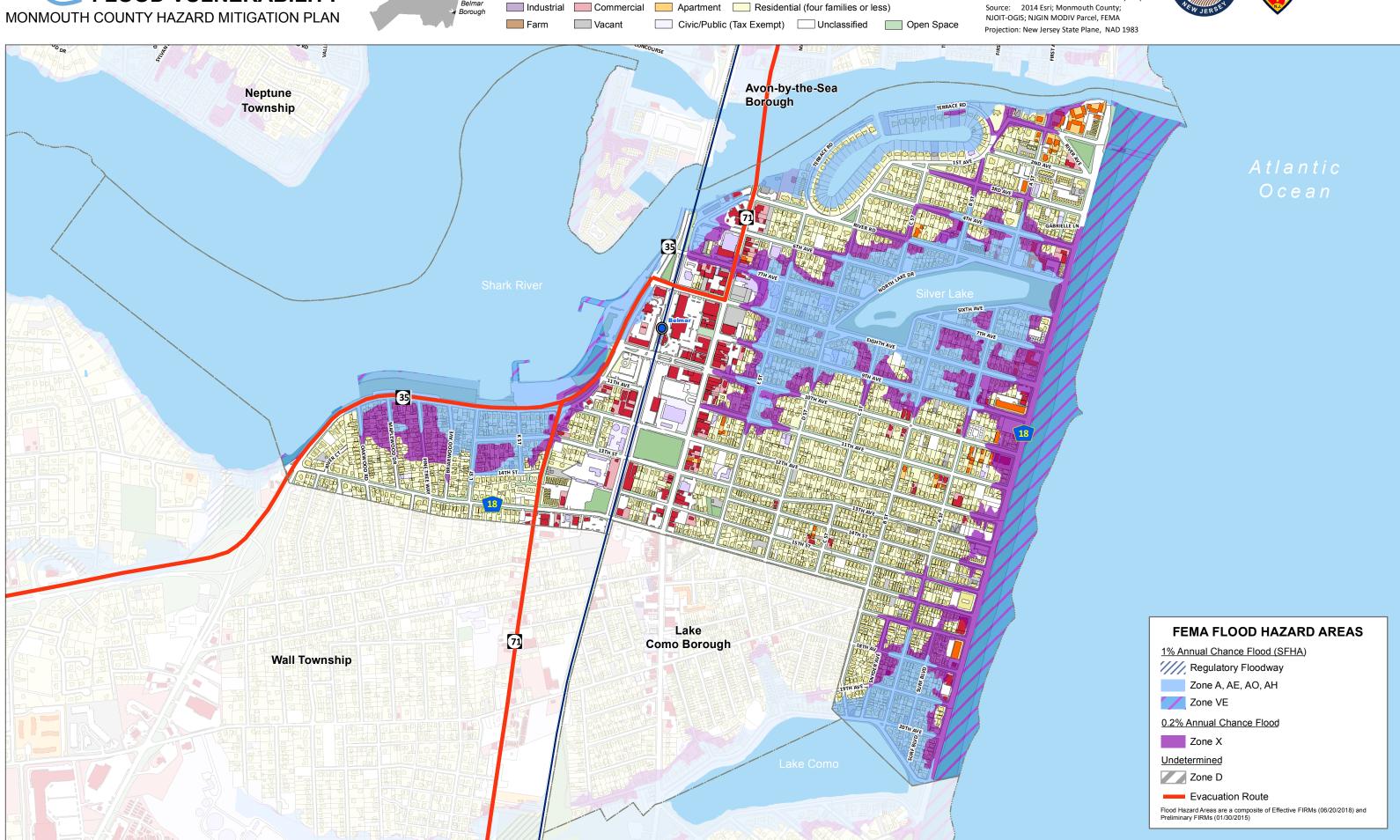
**Building Classification** Industrial Commercial Apartment Residential (four families or less) Vacant Parcel Classification

Civic/Public (Tax Exempt) Unclassified









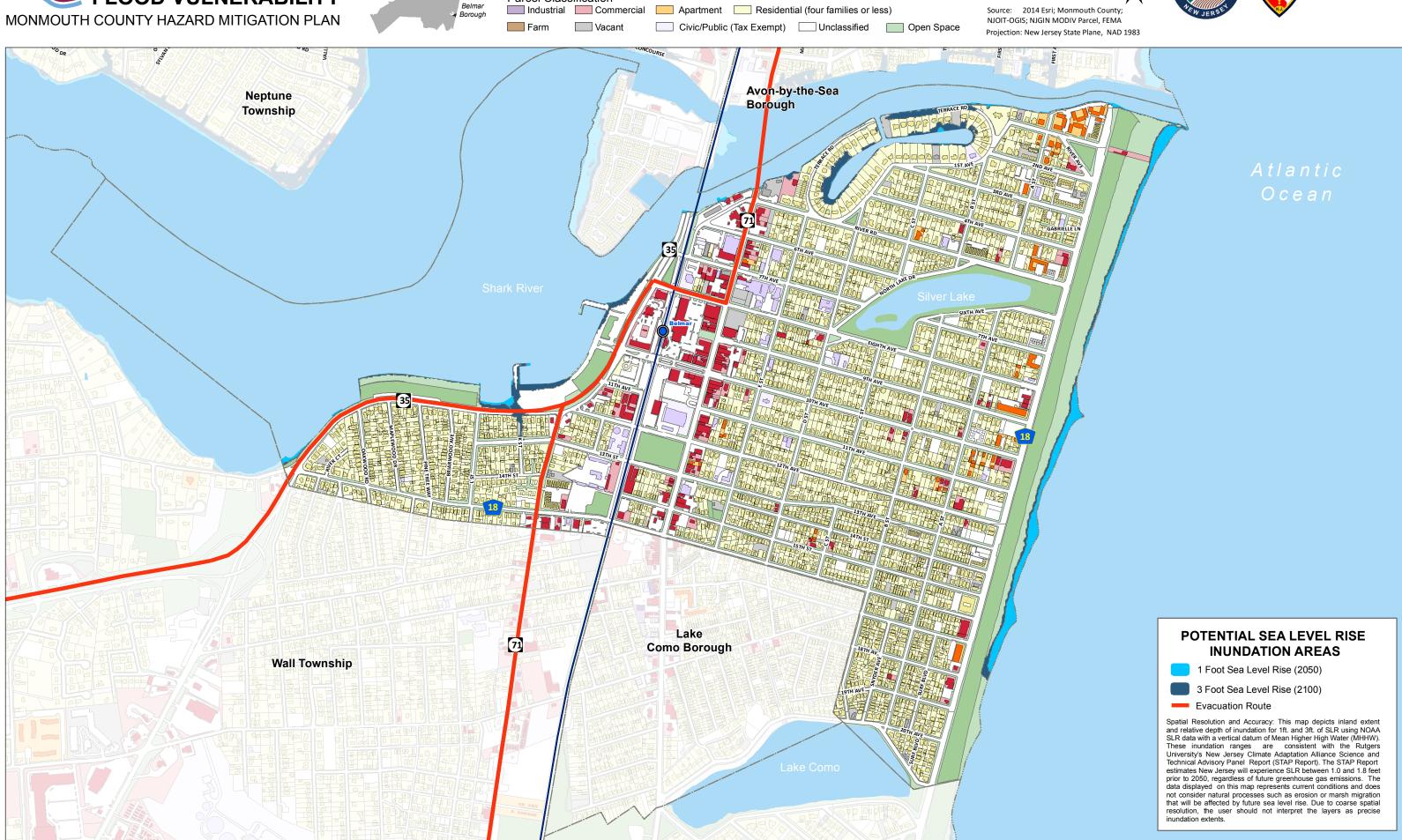


**Building Classification** Industrial Commercial Apartment Residential (four families or less) Vacant Parcel Classification

Civic/Public (Tax Exempt) Unclassified









# Monmouth County Multi-Jurisdictional Hazard Mitigation Plan Update







### **MEETING NOTES**

**Topic**: Belmar HMP Meeting

Date: June 12, 2019

Time: 2:30 PM

Location: Belmar Borough Hall

Drafted by: Brittany Ashman

### **Introductions (Brittany):**

What is Hazard Mitigation?

- Matching actions with Goals
- New Hazards
- HMP Pamphlet
- Funding opportunities
- Shared services with Lake Como

### **Mitigation Actions**

- 1. Lake Como Flooding Mitigation: ongoing. Installed a new outfall pipe (4.4 million) but still need a black flow preventor
- 2. Silver Lake Flooding Mitigation: completed
- 3. Maclearie Park Bulkhead Replacement and Elevation: ongoing
- 4. Elevation of 210 houses located in FEMA's SFHA: ongoing. The Borough will continue to educate property owners on funding opportunities for
- 5. Install a Steel Sheet Pile along the Beach: ongoing. The Borough attempted to install the steel sheet pile however they do not have permission from NJDEP's CAFRA regulations.

### Mitigation Actions (NEW):

- 6. Consolidate and Relocate Emergency Services Out of SFHA
- 7. Purchase and Install Transfer Switches for Generators
- 8. Purchase and Install Generator for Police Station

### **Successes**

• Elevated generators for library, first aid, and a generator for the senior center elevator



# Meeting: Lake como/Belmar HMP

Date: 06-12-19

							Initial
		Claudio	Kirschenbaum Edward	tasan	Mercosh	Ashmar	Last Name
		April	Edward	Patricia	Loise	Britany	First Name
		municipal Clerk	Dabuch Aldring fratar	Deputy Treasurer	Bonzyh Administrator	Brittany Planner	Title
		Berman	Delms	Lc (Lake como)	L.C. (Lake como)	MB	Organization
		achardiog behnar com	CKirshe-baun@cpl.com	omo)	mu)		Email Address