

Appendix Vol I.36 Neptune City 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

166 *Polices In-force*

50 *Total Losses*

\$2,893,365 *Total Payments*

4 *Number of RL Properties*

0 *Number Mitigated
RL Properties*

8 *RL - Total Losses*

\$808,862 *RL - Total Paid*

0 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

0 *SRL - Total Losses*

\$0 *SRL - Total Paid*

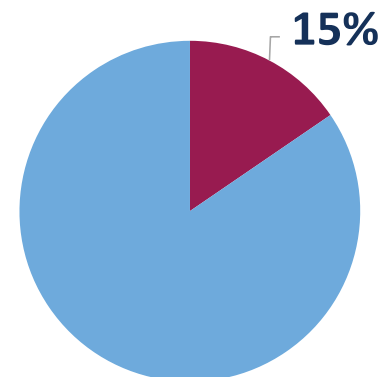


Critical Facilities

10 *Critical Facilities*

0 *Critical Infrastructure*

1 *Historic & Cultural Resources*



Percent Land Area Within SFHA

8

*Total Mitigation
Actions*

0



Education and Awareness Programs

7



Structure and Infrastructure Projects

1



Local Plans and Regulations

0



Natural Systems Protection



4,167 *SV Population At Risk (2017)*

4,284 *Population at Risk (2017)*

Neptune City, Borough of

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
36_01	Increase Piping Capacity and Reduce Sediment/Debris within Watershed	The Borough improves their stormwater system every year with their yearly roadway program. Develop mitigation steps to reduce damage and losses due to flooding through control of stormwater runoff and more efficient drainage and discharge to Shark River. Provide larger piping capacity and reduces sediment/ debris within watershed providing better overall volume/flow throughout the system. The City has identified the following key areas: Evergreen, East End Ave, Boston Rd, Rt 35/3rd Ave and Windsor Ct.		Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Borough Engineer		\$80,000.00		Completed
36_02	Purchase and Install Generators at Borough Hall, the Fire Station, and the School	To maintain police, fire, and medical service throughout the municipality, the Borough seeks to provide temporary power for Borough Hall, the Fire Station, and the School. The Office of Emergency Management and a Central Command is within Borough Hall. Likewise, the Fire House is utilized by the EMS employees, whereas the school is utility as an evacuation center for residents in need of safety.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Low	Low	OEM Director	FEMA HMA, Municipal budget		1 year	Ongoing
36_03	Elevate and Waterproof Sewer Pump Station	Elevate the sewer pumps within the building and to waterproof the building to mitigate any future damage.	Mitigation - Continuity of Fuctional Use	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Medium	Borough Engineer	FEMA HMA, Municipal budget	\$47,000.00	1 year	Ongoing
36_04	Create a Safe House for OEM Equipment	To maintain police, fire, and medical EMS services throughout the municipality, the Borough seeks to provide a centralized building "AKA Safe House" for critical OEM equipment. Currently this equipment is stored outside and subject to the daily elements which damages the effectiveness of the equipment in emergency events.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Engineer and OEM Director	Municipal budget		1 year	Ongoing
36_05	Implement Improvements to Designated Shelters	Neptune City seeks to provide key sleeping and shower facilities to emergency personnel and evacuated residents during a storm event. Three key buildings within the Borough have been identified within the action plan: Borough Hall, Fire Station and the Elementary School. Equipment and building upgrades are needed to ensure these facilities can meet emergency needs.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Lightening, Nor'easter, Hurricane and Tropical Storm	Low	Low	Borough Engineer and OEM Director	Municipal budget	\$14,000.00	1 year	Ongoing
36_06	Develop a Comprehensive Drainage Study to Mitigate Borough Flooding	The Borough would like to develop a comprehensive mitigation study to reduce damage and losses due to flooding. The study will provide the necessary data to determine the larger piping needed to provide a better overall volume/ flow throughout the system. The Borough flood hazard areas have not been studied or updated since 1976.	Maintenance/Response/Recovery	Local Plans and Regulations	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Engineer	Municipal budget	\$1,500,000.00	1 year	Ongoing

Neptune City, Borough of

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
36_07	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Elevation and/or acquisition of Flood-prone residential structures, with particular focus on those in our community that are on FEMA's Repetitive Loss List and Severe Repetitive Loss list. New Jersey is committed to continuing the reduction of RL and SRL properties in the State; in turn, they have assigned a high priority to mitigating SRL and RL properties in the State Hazard Mitigation Plan. We are committed to supporting these projects as interested homeowners come forward and will support such homeowners, despite the loss in tax revenue, because we recognize the importance of making our community more disaster-resistant and reducing the financial burden of repetitive flooding in our community.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm	High	Medium	Mayor and Council	FEMA HMA		1 year	Ongoing
36_08	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, and/or an Alarm System	Improve alarm, access control and camera systems located at all Borough Facilities, Specifically DPW, Borough Hall, Fire Station, First Aid Squad, Community Center and Three sewer Pumping Stations.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Terrorism	Low	Low	Borough	Homeland Security grants	\$300,000.00	2 years	New

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_01

Neptune City, Borough of

Describing the Action

Action Name:	Increase Piping Capacity and Reduce Sediment/Debris within Watershed
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	The Borough improves their stormwater system every year with their yearly roadway program. Develop mitigation steps to reduce damage and losses due to flooding through control of stormwater runoff and more efficient drainage and discharge to Shark River. Provide larger piping capacity and reduces sediment/ debris within watershed providing better overall volume/flow throughout the system. The City has identified the following key areas: Evergreen, East End Ave, Boston Rd, Rt 35/3rd Ave and Windsor Ct.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 5, 6
Risk Reduction:	Piped streams and stormwater management infrastructure do not convey stormwater runoff as efficiently as they should resulting in flooding. Most of the City is in areas mapped as potentially susceptible to storm surge. During Superstorm Sandy, the inundation area was limited fairly close to the Shark River including East End Ave., Windsor Ct., Route 35, and Steiner Ave. between Route 35 and 3rd Ave. Drainage system does not efficiently convey storm water runoff; this results in flooding in several areas. Sea Level Rise and climate change will contribute to more frequent and severe flooding and surge events over a larger area.
Technical:	Technically feasible. Will help remove stormwater runoff more effectively and eliminate debris from entering the watershed.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental impacts. Will help improve flood control and debris within watershed.
Social:	Does not adversely affect any particular social group. Perceived by the public to be a good thing because of repetitive nature of flooding in the project area.
Administrative Capability:	Need at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City, Shark River Environmental Commission
Other Community Objectives:	Municipal Stormwater Management Regulation Program
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$80,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Borough Engineer
Local Planning Mechanism:	Municipal Stormwater Management Regulation Program
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	Added additional drainage pipes on Windsor St. Route 35/3rd Ave – critical drainage issues, but too extensive. DOT looked at the intersection in the 1980s, but the amount of infrastructure that would need to be moved made the cost prohibitive.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_02

Neptune City, Borough of

Describing the Action

Action Name:	Purchase and Install Generators at Borough Hall, the Fire Station, and the School
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	To maintain police, fire, and medical service throughout the municipality, the Borough seeks to provide temporary power for Borough Hall, the Fire Station, and the School. The Office of Emergency Management and a Central Command is within Borough Hall. Likewise, the Fire House is utilized by the EMS employees, whereas the school is utility as an evacuation center for residents in need of safety.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	7
Risk Reduction:	Power outages have been frequent occurrences in the Borough. During severe storms, this impacts public buildings and disrupts local government operations and does not allow the Borough to shelter its emergency personnel. During storm events it is critical to maintain emergency services throughout the Borough. To maintain these services emergency power is needed until primary power source is restored
Technical:	Technically feasible. Will provide critical power until primary power is restored.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental impacts.
Social:	Borough of Neptune City residents.
Administrative Capability:	Need at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City
Other Community Objectives:	Will provide services in accordance with the Office of Emergency Management duties.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	OEM Director
Local Planning Mechanism:	Office of Emergency Management Program
Likely Funding Source(s):	FEMA HMA, Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	The City was awarded HMGP funding of \$90,300 for Generators for critical facilities post-Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_03

Neptune City, Borough of

Describing the Action

Action Name:	Elevate and Waterproof Sewer Pump Station
Action Category:	Mitigation - Continuity of Fuctional Use
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Mitigation Reconstruction
Action Description:	Elevate the sewer pumps within the building and to waterproof the building to mitigate any future damage.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 3, 6, 7
Risk Reduction:	During storm events it is critical to maintain sanitary services throughout the Borough. The pump stations continuous operation during storm events is paramount to the communities, health, and welfare. While no one has been killed or become deathly ill from the sanitary pump station being offline, the fact remains that non-sanitary conditions pose a direct health concern for the immediate municipality and surrounding hospitals/residents within the adjoining area. The ability to provide continuous sanitation service during a storm event is critical to maintaining the communities, health, and limiting the potential viral outbreaks associated with poor sanitation conditions.
Technical:	Technically feasible. Will provide critical services during storm events.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental effects.
Social:	Borough of Neptune City residents.
Administrative Capability:	Need at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City
Other Community Objectives:	Will provide services in accordance with the Office of Emergency Management duties.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$47,000.00
Priority:	Medium
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Engineer
Local Planning Mechanism:	Office of Emergency Management Program
Likely Funding Source(s):	FEMA HMA, Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	The Borough was awarded \$22k of FEMA Funding 406 Public Assistance for East End Avenue - Sewer Lift Station.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_04

Neptune City, Borough of

Describing the Action

Action Name:	Create a Safe House for OEM Equipment
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	To maintain police, fire, and medical EMS services throughout the municipality, the Borough seeks to provide a centralized building "AKA Safe House" for critical OEM equipment. Currently this equipment is stored outside and subject to the daily elements which damages the effectiveness of the equipment in emergency events.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	3, 7
Risk Reduction:	During storm events it is critical to maintain emergency equipment throughout the Borough. OEM operations during storm events is paramount to the communities' health and welfare. The ability to provide emergency services during a storm event is critical to maintaining the community's health and safety.
Technical:	Technically feasible.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental effects.
Social:	Borough of Neptune City residents.
Administrative Capability:	Borough of Neptune City residents. Administrative capability needs at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City
Other Community Objectives:	Will provide services in accordance with the Office of Emergency Management duties.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Engineer and OEM Director
Local Planning Mechanism:	Office of Emergency Management Program
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the City prioritizes this project and is researching potential funding sources.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_05

Neptune City, Borough of

Describing the Action

Action Name:	Implement Improvements to Designated Shelters
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	Neptune City seeks to provide key sleeping and shower facilities to emergency personnel and evacuated residents during a storm event. Three key buildings within the Borough have been identified within the action plan: Borough Hall, Fire Station and the Elementary School. Equipment and building upgrades are needed to ensure these facilities can meet emergency needs.

Evaluating the Action

Hazard(s) Addressed:	Flood, Lightening, Nor'easter, Hurricane and Tropical Storm
Goals:	3, 7
Risk Reduction:	The OEM operation during storm events is paramount to the community's health and welfare. The ability to provide emergency services during a storm event is critical to maintaining the communities, health, and safety.
Technical:	Technically feasible. Will provide critical services during storm events.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental effects.
Social:	Borough of Neptune City residents
Administrative Capability:	Need at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City
Other Community Objectives:	Will provide services in accordance with the Office of Emergency Management duties
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$14,000.00
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Engineer and OEM Director
Local Planning Mechanism:	Office of Emergency Management Program
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; Neptune City still needs building improvements to their shelters and is searching for potential funding.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_06

Neptune City, Borough of

Describing the Action

Action Name:	Develop a Comprehensive Drainage Study to Mitigate Borough Flooding
Action Category:	Maintenance/Response/Recovery
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	The Borough would like to develop a comprehensive mitigation study to reduce damage and losses due to flooding. The study will provide the necessary data to determine the larger piping needed to provide a better overall volume/ flow throughout the system. The Borough flood hazard areas have not been studied or updated since 1976.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	3, 4, 5
Risk Reduction:	The current drainage system does not efficiently convey stormwater runoff; this results in flooding in several areas. Sea Level Rise and climate change will contribute to more frequent and severe flooding and surge events over a larger area.
Technical:	Technically feasible.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental effects. Will help improve flood control and debris within watershed.
Social:	Borough of Neptune City residents.
Administrative Capability:	Need at least three people to administer (after technical assistance from the State)
Local Champion:	Residents of Neptune City, Shark River Environmental Commission
Other Community Objectives:	Municipal Stormwater Management Regulation Program
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$1,500,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Engineer
Local Planning Mechanism:	Municipal Stormwater Management Regulation Program
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; Route 35 needs the study and the Borough is researching potential funding opportunities.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_07

Neptune City, 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:	Elevation and/or acquisition of Flood-prone residential structures, with particular focus on those in our community that are on FEMA's Repetitive Loss List and Severe Repetitive Loss list. New Jersey is committed to continuing the reduction of RL and SRL properties in the State; in turn, they have assigned a high priority to mitigating SRL and RL properties in the State Hazard Mitigation Plan. We are committed to supporting these projects as interested homeowners come forward and will support such homeowners, despite the loss in tax revenue, because we recognize the importance of making our community more disaster-resistant and reducing the financial burden of repetitive flooding in our community.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm
Goals:	2, 3, 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 and acquisition are both technically feasible project types.
Political:	Our political leadership supports this type of project.
Legal:	While the municipality does not own the structures in question, we fully support the homeowners in moving forward.
Environmental:	No environmental impacts are anticipated at this time; this would be confirmed as specific homeowners come forward and their property details are reviewed. It is likely that environmental impacts would be positive, as household hazardous wastes are no longer introduced into floodwaters.
Social:	No particular social group in our community is likely to be disproportionately impacted by this project; this would be re-evaluated as particular interested homeowners come forward
Administrative Capability:	Our municipality has the administrative capabilities to manage an elevation and/or acquisition project.
Local Champion:	Affected homeowners, elected officials
Other Community Objectives:	Improve and protect lifestyles of residents; reduction of costly property damage; resiliency; floodplain management; capital improvements.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Mayor and Council
Local Planning Mechanism:	Homeowners; Mayor; Council; Administrator; Engineer; local ordinance; Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing action; the Borough deems this action necessary and is searching for potential funding.

Monmouth County Mitigation Action Worksheets

Community Action Number: 36_08

Neptune City, Borough of

Describing the Action

Action Name:	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, and/or an Alarm System
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Improve alarm, access control and camera systems located at all Borough Facilities, Specifically DPW, Borough Hall, Fire Station, First Aid Squad, Community Center and Three sewer Pumping Stations.

Evaluating the Action

Hazard(s) Addressed:	Terrorism
Goals:	1, 2, 3, 7
Risk Reduction:	Increasing surveillance to reduce the risk of terrorism or crime.
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:	OEM, Police
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$300,000.00
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Borough
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Homeland Security grants
Timeline:	2 years
Action Status:	New
Notes:	

CAPABILITY ASSESSMENT WORKSHEET

Name: Keith Mitchell

Title: Captain / Deputy OEM Coordinator

Jurisdiction: Neptune City Borough

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	1. What is the date/year of the plan? 2. Does the plan address hazards? 3. Does the plan identify projects to include in the mitigation strategy? 4. Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan	Yes	
Capital Improvements Plan	Yes	
Economic Development Plan	No	
Local Emergency Operations Plan	Yes	
Continuity of Operations Plan	Yes	
Post-Disaster Recovery Plan	No	
Transportation Plan	No	
Stormwater Management Plan	Yes	
Community Wildfire Protection Plan	No	



CAPABILITY ASSESSMENT WORKSHEET

Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)		
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS) Score		Score:
Fire Department ISO rating		Rating:
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	No	
Natural hazard ordinance (stormwater, steep slope, wildfire)	No	
Flood Insurance Rate Maps	No	
Acquisition of Land for Open Space and Public Recreation Uses	No	
Post-Disaster Recovery Ordinance	No	
Real Estate Disclose Ordinance	No	



CAPABILITY ASSESSMENT WORKSHEET

Other (ie. Special Purposes Ordinance)	Yes	Special Purposes Ordinance
How can the above capabilities be expanded and improved to reduce risk?		
The city council could in act an ordinance for post-disaster recovery in addition to establishing a post disaster recovery plan in conjunction with the ordinance. We could also establish an Economic Development Plan.		

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	LEPC
Mitigation Planning Committee	Yes	LEPC
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	Locally performed by DPW
Mutual Aid Agreements	Yes	Neptune Township, Monmouth County
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	Part Time
Floodplain Administrator	Yes	Part Time
Emergency Manager	Yes	Part Time OEM Coordinator Deputy is Full Time Police Captain
Community Planner	Yes	Part Time



CAPABILITY ASSESSMENT WORKSHEET

Civil Engineer	Yes	Part Time
Surveyor	No	Part Time
GIS Coordinator	Yes	Monmouth County
Scientists familiar with the hazards of the community	No	
Other		
Technical	Yes/No	Describe capability Has capability been used to access/mitigate risk in the past?
Warning Systems/Services (Reverse 911, outdoor warning signals)	Yes	Outside Warning Siren Nixle (reverse 911) New System
Hazard Data and Information	Yes	
Grant Writing	Yes	
Hazardous Analysis	Yes	
Other		
How can the above capabilities be expanded and improved to reduce risk?		



CAPABILITY ASSESSMENT WORKSHEET

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)	No	
How can these capabilities be expanded and improved to reduce risk?		
To help us with our fiscal capability, we need to pursue more grants and also possibly look into bonds.		



CAPABILITY ASSESSMENT WORKSHEET

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.	No	
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Fire Safety, Emergency Preparedness
Natural Disaster or Safety Related School Programs	No	
Storm Ready Certification	No	
Firewise Communities Certification	No	
Public-Private Partnership Initiatives Addressing Disaster Related Issues	No	Currently starting to partner with local businesses for future storms
Other		
How can these capabilities be expanded and improved to reduce risk?		
Currently we are looking to partner with our businesses to make them part of the LEPC as stakeholders. We are exploring the Storm Ready Certification.		



NEPTUNE CITY
FLOOD VULNERABILITY
MONMOUTH COUNTY HAZARD MITIGATION PLAN



Building Classification

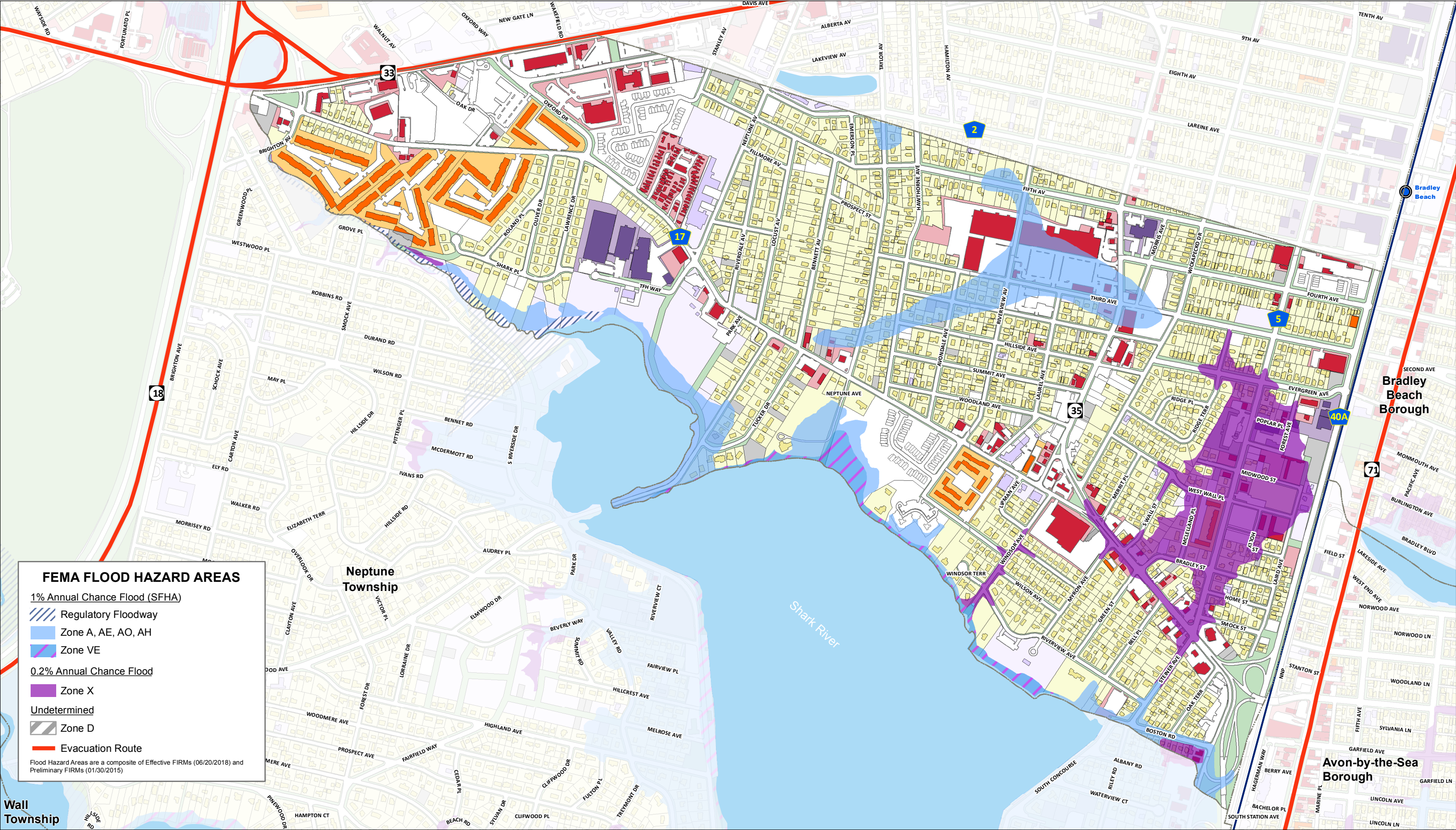
Industrial	Commercial	Apartment	Residential (four families or less)
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified

Parcel Classification

Industrial	Commercial	Apartment	Residential (four families or less)
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified
			Open Space

0 350 700 Feet

Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA
Projection: New Jersey State Plane, NAD 1983



FEMA FLOOD HAZARD AREAS

1% Annual Chance Flood (SFHA)

- Regulatory Floodway
- Zone A, AE, AO, AH
- Zone VE

0.2% Annual Chance Flood

- Zone X

Undetermined

- Zone D

Evacuation Route

Flood Hazard Areas are a composite of Effective FIRMs (06/20/2018) and Preliminary FIRMs (01/30/2015)



NEPTUNE CITY FLOOD VULNERABILITY

MONMOUTH COUNTY HAZARD MITIGATION PLAN

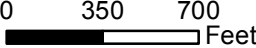


Building Classification

Industrial	Commercial	Apartment	Residential (four families or less)
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified

Parcel Classification

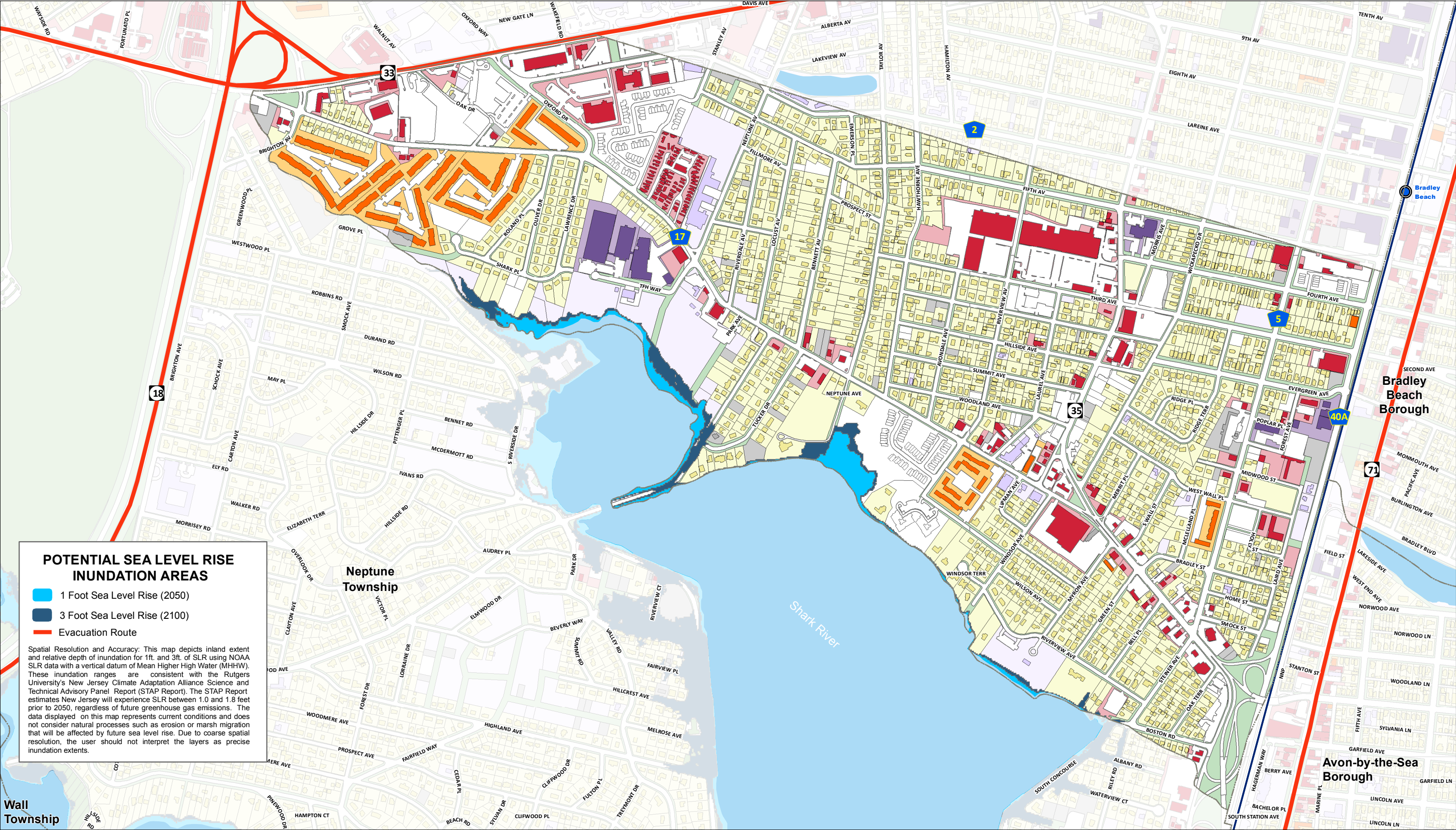
Industrial	Commercial	Apartment	Residential (four families or less)
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified
			Open Space



0 350 700 Feet

North Arrow

Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA
Projection: New Jersey State Plane, NAD 1983



This map was developed using the 10-04-18 statewide composite of parcel data published by the NJOIT-OGIS. The State of New Jersey makes great effort to provide secure, accurate, and complete data and metadata. However, portions of the data and metadata may be incorrect or not current. Any errors or omissions should be reported for investigation to OGIS.



MEETING NOTES

Topic: Neptune City- Monmouth County HMP Meeting

Date: May 6, 2019

Time: 1:00 PM- 2:00 PM

Location: Neptune City Borough Hall 106 W Sylvania Ave.

Attendees: Keith Mitchell, Police Captain / OEM Deputy Coordinator

Bryan Russell, Borough Administrator

Matt Shafai, Engineer

Brittany Ashman, MB Planner

Drafted by: Paige Kaspar

Introductions (Brittany):

- What is Hazard Mitigation?
- Matching actions with Goals
- New Hazards
- HMP Pamphlet
- Funding

2015 Mitigation Actions:

- Community Action 36_01 - Drainage Improvements Completed
 - Added additional drainage pipes on Windsor Ct.
 - Route 35/3rd Ave critical drainage issues, but too expensive
 - DOT looked at the intersection in the 80s, but the amount of infrastructure that would need to be moved made the cost prohibitive
 - New action?
- Community Action 36_02 - Emergency Generators to Borough Hall, the Fire Station, and the School Completed
 - Town Hall, Police, East End Pumping Station
 - Need school
- Community Action 36_03 - Storm Surge Mitigation/Floodproofing Ongoing
- Community Action 36_04 - Building Structure for OEM Equipment Ongoing
- Community Action 36_05 - Building Improvements to Key Critical Buildings Ongoing
 - Men's locker room facility only has one shower



- Handicap accessibility
 - School generators
- Community Action 36_06 - Drainage Study Ongoing
 - Route 35 Needs study
- Community Action 36_07 - Elevation and/or Acquisition of Flood-prone Residential Structures Ongoing

2020 Mitigation Actions (NEW):

- Target Hardening
 - Surveillance → DPW
 - Borough Hall
 - Fire Station
 - Lard Ave Pumping Station
 - Alarm systems
 - Camera systems
- Shower facilities
 - Female/Male
- Elevating pumps/pump stations

Successes

- Shared service agreement with Neptune Twp. for debris removal (capability)



Monmouth County
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Neptune City

Date: May 6, 2019

Initial	Last Name	First Name	Title	Organization	Email Address
	Yaffe	Michael	Plumber	MSI	Michael.Yaffe@msibaker.com
	Mitreau	Keith	Deputy Deputy Coordinator	NCPD/NCEM	Kmitreau@neptunecitypolice.org
	Russell	Bryan	Boro Administrator	Neptune City	brussell@neptune.city.nj.gov
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