

Appendix Vol I.52 Wall Township

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

209 *Polices In-force*

81 *Total Losses*

\$2,126,270 *Total Payments*

4 *Number of RL Properties*

0 *Number Mitigated
RL Properties*

9 *RL - Total Losses*

\$385,899 *RL - Total Paid*

0 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

0 *SRL - Total Losses*

\$0 *SRL - Total Paid*

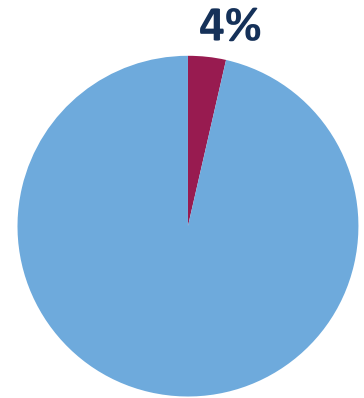


Critical Facilities

54 *Critical Facilities*

12 *Critical Infrastructure*

99 *Historic & Cultural Resources*



Percent Land Area Within SFHA

8

*Total Mitigation
Actions*

1



Education and Awareness Programs

5



Structure and Infrastructure Projects

0



Local Plans and Regulations

2



Natural Systems Protection



0 *SV Population At Risk (2017)*

937 *Population at Risk (2017)*

Wall, Township 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
52_01	Purchase and Install Emergency Power to Critical Facilities	Upgrade and install emergency power to the Wall Township Police Department, Wall Township Office of Emergency Management Emergency Operation Center, Wall Township Municipal Building, Water Treatment Plants, and Wastewater Pump Stations.	Mitigation - Continuity of Fuctional Use	Structure and Infrastructure Project	Extreme Temperatures, Flood, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Low	Township Administrator	FEMA Hazard Mitigation Grant, Township funding	\$1,000,000.00	1 year	Ongoing
52_02	Maintain the Removal of Dead and Hazardous Trees along Township Roads	Maintain the removal of dead and hazardous trees along Township roads.	Maintenance/Respon se/Recovery	Natural Systems Protection	Extreme Wind, Wildfire	Medium	Low	Township Administrator	Municipal budget	\$30,000.00	5 + years	Ongoing
52_03	Dredge or Pump Siltation from the Shark River Basin to Confined Disposal Facility (CDF)	Dredge or pump siltation from entire Shark River Basin to Confined Disposal Facility (CDF).	Maintenance/Respon se/Recovery	Natural Systems Protection	Flood, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Wall Township, Neptune City, NJDEP, Neptune, Belmar, NJDOT	Municipal budget	\$300,000.00	1 year	Ongoing
52_04	Reopen Wreck Pond	Spring Lake has obtained funds to reopen the Pond to allow for flow between the Pond and the Ocean. The Borough of Sea Girt role will be to provide in-kind assistance during the implementation phase of the project. Wall Township is withdrawing this action.		Structure and Infrastructure Project	Flood			Township of Wall, with cooperation and support from NJDEP and the Boroughs of	Sources of funding have already been identified and 75% of the funding is approved.	\$2,000,000.00		Withdrawn
52_05	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.		Structure and Infrastructure Project	Flood, Wave Action, Lightening, Nor'easter, Storm Surge, Winter Storm			Construction Official	FEMA hazard mitigation grant funding streams (i.e., HMGP, FMA, etc)	\$300,000.00		Completed
52_06	Purchase a Stationary License Plate Reader	Purchase a device that allows law enforcement agencies to compare plate numbers against those of stolen cars or cars driven by people suspected of being involved in criminal or terrorist activities.	Maintenance/Respon se/Recovery	Structure and Infrastructure Project	Terrorism	Medium	Low	Wall Township	Wall Township, Homeland Security grant	\$5,000.00	2 years	New
52_07	Develop an Active Shooter and Civil Unrest Response Plan	This Active Shooter and Civil Unrest Response Plan will need to provide training, instructions, and guidance to effectively address the response of police personnel to an active shooter and civil unrest incident.	Administrative	Education and Awareness Programs	Terrorism	Medium	Low	Wall Township, Monmouth County	Wall Township, Monmouth County, Homeland Security grant		1 year	New
52_08	Repair, Remove, or Rehabilitate the Glendola Reservoir Dam	Repair, remove, or rehabilitate the Glendola Reservoir Dam, a High-Hazard Potential Dam, located on the Robins Swamp Brook.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Dam Failure	High	High	New Jersey-American Water Company	Municipal budget, NJDEP Bureau of Dam Safety and Flood Control	\$0.00	3 years	New

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
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Monmouth County Mitigation Action Worksheets

Community Action Number: 52_01

Wall, Township of

Describing the Action

Action Name:	Purchase and Install Emergency Power to Critical Facilities
Action Category:	Mitigation - Continuity of Fuctional Use
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	Upgrade and install emergency power to the Wall Township Police Department, Wall Township Office of Emergency Management Emergency Operation Center, Wall Township Municipal Building, Water Treatment Plants, and Wastewater Pump Stations.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 4, 5, 6, 7
Risk Reduction:	JCP&L 's Glendola Substation was flooded during Hurricane Sandy, knocking out power to a forge portion of the Township. A large portion of our community was left without power including the Wall Township Police Department, Wall Township Office of Emergency Management Emergency Operation Center, Wall Township Municipal Building, Water Treatment Plants, and Wastewater Pump Stations. Wall's population is projected to experience moderate growth through 2040. By the year 2040, it is projected to have a population increase of 17.5% over 2010 values.
Technical:	This mitigation action is technically feasible.
Political:	This project was advised by Township Administrator and members of the Township Committee.
Legal:	The community does have the legal authority to implement this project.
Environmental:	There are no negative environmental impacts caused by this project and it will comply with all federal, state, and local regulations
Social:	There are no social impacts
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Township would have to bid the project and construction.
Local Champion:	Township Administrator and members of the Township Committee
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$1,000,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Township Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Township funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	<p>Ongoing 2015 action; most of the work is complete or underway. Wastewater treatment plant has been awarded contract and paperwork underway. Received 25% of funds through HMA grant.</p> <p>The following critical facilities were awarded HMGP funding:</p> <p>West Belmar Water Plant: \$56,000.00</p> <p>Rose Hill Water Plant: \$81,500.00</p> <p>Imperial Park Water Plant: \$56,000.00</p> <p>Evans Well: \$68,000.00</p> <p>Route 34 Water Plant: \$81,500.00</p> <p>Allenwood Water Plant: 120,000.00</p> <p>Police Station: \$257,870.00</p> <p>New Bedford Wastewater Pump Station: \$56,000.00</p>

Winding Brook Wastewater Pump Station; \$112,000.00
 Marconi Wastewater Pump Station: \$102,000.00
 Mueller Lane Wastewater Pump Station: \$56,000.00
 Heroy's Wastewater Pump Station: \$102,000.00
 Romano Wastewater Pump Station: \$102,000.00
 Town Hall (with Library): \$460,420.0

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_02

Wall, Township of

Describing the Action

Action Name:	Maintain the Removal of Dead and Hazardous Trees along Township Roads
Action Category:	Maintenance/Response/Recovery
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	Maintain the removal of dead and hazardous trees along Township roads.

Evaluating the Action

Hazard(s) Addressed:	Extreme Wind, Wildfire
Goals:	1, 2, 4, 5, 6, 7
Risk Reduction:	Much of the western portion of Wall Township is located in mapped moderate to extreme wildfire risk areas. Dead and hazardous trees exist at various locations throughout the town presenting fuel sources for wildfire. In addition to the inherent risks associated with dead and hazardous trees in moderate and extreme wildfire risk areas, dead and hazardous trees are more likely to fall as a result of wind during various types of storms. Downed trees block roadways and take down powerlines as they fall. Blocked roadways hamper transportation of all types; most importantly, emergency services. Power outages hamper communications (particularly emergency services type).
Technical:	This mitigation action is technically feasible. Will help remove dead trees from the roadway, additionally providing a safe roadway access for emergency vehicles.
Political:	No apparent political issues.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental impacts caused by this project and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts form this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability to implement this action as well as maintain it.
Local Champion:	Residents of Wall, Monmouth County Shade Tree & Fire Commissions
Other Community Objectives:	Shade Tree Commission safety program
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$30,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Township Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Municipal budget
Timeline:	5 + years
Action Status:	Ongoing
Notes:	Ongoing 2015 action; this will become an ongoing action due to the Townships need of maintaining hazardous trees from causing power outages or property damage.

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_03

Wall, Township of

Describing the Action

Action Name:	Dredge or Pump Siltation from the Shark River Basin to Confined Disposal Facility (CDF)
Action Category:	Maintenance/Response/Recovery
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Dredge or pump siltation from entire Shark River Basin to Confined Disposal Facility (CDF).

Evaluating the Action

Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 6,7
Risk Reduction:	Wall Township is a coastal community with a substantial amount of land lying within mapped flood and storm surge hazard areas. Debris and siltation in Shark River obstruct flood flows. limited capacity causes evacuations, road closures, property damage. During Hurricane Sandy areas near the Shark River were flooded. Both private homes and public infrastructure were severely impacted.
Technical:	Technically feasible. Cooperation needed from NJDEP, ACOE and adjoining municipalities
Political:	Wall Township Committee would have to jointly work on this project with Neptune, Neptune City, Belmar and NJDEP and NJDOT
Legal:	Ownership of the Shark River Basin.
Environmental:	NJDEP, Army Corp permitting required.
Social:	Proposed action will help to protect flood prone neighborhoods.
Administrative Capability:	State would have to administer in conjunction with Township . Would have to be a joint effort between Neptune, Neptune City, Belmar, Wall, NJDEP and NJDOT.
Local Champion:	Wall Township, Neptune Township, Neptune City, NJDOT, Belmar, Friends of Belmar Harbor, Shark River Yacht Club, Homeowners Associations
Other Community Objectives:	Provides not only additional capacity and flood protection but helps to reestablish the marine environment through better cleansing of the river and improved Tidal flow. Also alleviates safety issues associated with the siltation of the river with regards to the boating and recreational communities.
STAPLEE Evaluation:	10

Implementing the Action

Cost Estimate:	\$300,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Wall Township, Neptune City, NJDEP, Neptune, Belmar, NJDOT
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Township is still interested in this action and once funds are available, will implement.

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_04

Wall, Township of

Describing the Action

Action Name:	Reopen Wreck Pond
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Spring Lake has obtained funds to reopen the Pond to allow for flow between the Pond and the Ocean. The Borough of Sea Girt role will be to provide in-kind assistance during the implementation phase of the project. Wall Township is withdrawing this action.

Evaluating the Action

Hazard(s) Addressed:	Flood
Goals:	2, 3, 5, 6
Risk Reduction:	Wreck Pond, located at the north terminus of Sea Girt between the Borough and Spring Lake, was originally open to the Atlantic Ocean, allowing for drainage during periods of peak rainfall. Just after the 1997 beach replenishment project, the east end of the Pond was closed off. As a result, the properties adjacent to the Pond are at a greater risk of flooding.
Technical:	Technically feasible - the plans have been drafted and the project has started.
Political:	No apparent political issue.
Legal:	No legal impediments anticipated.
Environmental:	Improve the water quality of the Pond along with reducing flooding of adjacent properties.
Social:	Affects the quality of life of residents in the four communities adjacent to the Pond.
Administrative Capability:	Administrative oversight.
Local Champion:	Governing bodies of Sea Girt, Spring Lake, Spring Lake Heights and Wall Twp.
Other Community Objectives:	Mitigate an on-going problem during times of peak rainfall
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$2,000,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Township of Wall, with cooperation and support from NJDEP and the Boroughs of Spring Lake Sea Girt Sarina Lake He
Local Planning Mechanism:	Plans to reopen the east end have already been drafted and are being implemented.
Likely Funding Source(s):	Sources of funding have already been identified and 75% of the funding is approved.
Timeline:	
Action Status:	Withdrawn
Notes:	Work has been completed by Spring Lake Borough and the Borough of Sea Girt.

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_05

Wall, Township 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:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Property Acquisition and Structure Demolition
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, Lightening, Nor'easter, Storm Surge, Winter Storm
Goals:	1, 2, 3, 4, 5, 6, 7
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, the Township 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:	\$300,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Construction Official
Local Planning Mechanism:	Homeowners; Mayor; Council; Administrator; Engineer; local ordinance; Hazard Mitigation Plan.
Likely Funding Source(s):	FEMA hazard mitigation grant funding streams (i.e., HMGP, FMA, etc)
Timeline:	
Action Status:	Completed
Notes:	Wall Township has spent \$300,000 on the project.

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_06

Wall, Township of

Describing the Action

Action Name:	Purchase a Stationary License Plate Reader
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Purchase a device that allows law enforcement agencies to compare plate numbers against those of stolen cars or cars driven by people suspected of being involved in criminal or terrorist activities.

Evaluating the Action

Hazard(s) Addressed:	Terrorism
Goals:	1,2,3,4,6,7
Risk Reduction:	Wall Township is in the middle of several important access roadways (Route 35, Route 34, Route 18, Garden State Parkway, and Interstate 195). Law enforcement will cut down on the time required for investigations costs to locate a suspect in the event of a terrorist attack or active shooter who flees the Township through one of the several access roadways.
Technical:	This mitigation is technically feasible.
Political:	No apparent political issue.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental impacts.
Social:	There is no negative social impacts.
Administrative Capability:	The community does have the personnel and administrative capability to implement this action.
Local Champion:	Wall Township, County OEM, Police
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$5,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Wall Township
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Wall Township, Homeland Security grant
Timeline:	2 years
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_07

Wall, Township of

Describing the Action

Action Name:	Develop an Active Shooter and Civil Unrest Response Plan
Action Category:	Administrative
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	This Active Shooter and Civil Unrest Response Plan will need to provide training, instructions, and guidance to effectively address the response of police personnel to an active shooter and civil unrest incident.

Evaluating the Action

Hazard(s) Addressed:	Terrorism
Goals:	1,2,3,4,5,7
Risk Reduction:	Wall Township Racetrack is a large facility that hosts many popular events throughout the year. Being prepared for any type of violent event can decrease harm to the public and property.
Technical:	This mitigation is technically feasible.
Political:	No apparent political issue.
Legal:	No apparent legal issues.
Environmental:	No adverse environmental impacts.
Social:	There is no negative social impacts.
Administrative Capability:	The community does have the personnel and administrative capability to implement this action as well as maintain it.
Local Champion:	Wall Township, Police
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Wall Township, Monmouth County
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Wall Township, Monmouth County, Homeland Security grant
Timeline:	1 year
Action Status:	New

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 52_08

Wall, Township of

Describing the Action

Action Name:	Repair, Remove, or Rehabilitate the Glendola Reservoir Dam
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Repair, remove, or rehabilitate the Glendola Reservoir Dam, a High-Hazard Potential Dam, located on the Robins Swamp Brook.

Evaluating the Action

Hazard(s) Addressed:	Dam Failure
Goals:	1, 2, 3
Risk Reduction:	NJDEP classifies both the Glendola Reservoir Dam to be a High-Hazard Potential, meaning failure of the dam may result in probable loss of life and/or extensive property damage.
Technical:	Technically feasible.
Political:	There are no anticipated political implications.
Legal:	May require coordination with NJDEP.
Environmental:	Minor environmental impacts expected.
Social:	No adverse social impact anticipated.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	OEM
Other Community Objectives:	
STAPLEE Evaluation:	10

Implementing the Action

Cost Estimate:	\$0.00
Priority:	High
Scale of Ease of Implementation:	High
Responsible Party:	New Jersey-American Water Company
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Municipal budget, NJDEP Bureau of Dam Safety and Flood Control
Timeline:	3 years
Action Status:	New
Notes:	FEMA has a National Dam Safety Program with funding available to High-Hazard Potential Dams, however, the Glendola Reservoir Dam does not qualify for funding at the time of this plan update.

CAPABILITY ASSESSMENT WORKSHEET

Name: Jonathan Gramlich

Title: Sergeant

Jurisdiction: Wall Township

Organization: Wall Township Police Department (OEM)

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. Plan date: August 2018 2. Does the plan address hazards? Yes 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	2015 Reexamination Report 1999 Master Plan
Capital Improvements Plan	Yes	
Economic Development Plan	Yes	
Local Emergency Operations Plan	Yes	
Continuity of Operations Plan	No	
Post-Disaster Recovery Plan	Yes	
Transportation Plan	Yes	Plan exists in Master Plan
Stormwater Management Plan	Yes	Stormwater Management Plan- 2009 Stormwater Pollution Prevention Plan- 2019
Community Wildfire Protection Plan	No	



CAPABILITY ASSESSMENT WORKSHEET

Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Yes	Debris Management Plan
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year: NJ Building Code
Building Code Effectiveness Grading Schedule (BCEGS) Score		Score: 3
Fire Department ISO rating		District 1: 3, District 2: 5, District 3: 3
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	It is the purpose of this ordinance to promote the public health, safety, and general welfare, and to minimize public and private losses due to flood conditions in specific areas by provisions designed
Natural hazard ordinance (stormwater, steep slope, wildfire)	Yes	
Flood Insurance Rate Maps	Yes	
Acquisition of Land for Open Space and Public Recreation Uses	Yes	
Post-Disaster Recovery Ordinance	Yes	
Real Estate Disclose Ordinance	Yes	



CAPABILITY ASSESSMENT WORKSHEET

Other (ie. Special Purposes Ordinance)	Yes	Special Purposes Ordinance and Growth Management 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	Environmental Advisory Committee
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	Department of Public Works Debris Management
Mutual Aid Agreements	Yes	
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	Full time
Floodplain Administrator	Yes	
Emergency Manager	Yes	Full time
Community Planner	Yes	



CAPABILITY ASSESSMENT WORKSHEET

Civil Engineer	Yes	
Surveyor	Yes	
GIS Coordinator	Yes	
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	Alert Center- Notify Me & RSS Reverse 911
Hazard Data and Information	Yes	Flood Hazard Information on Wall Township Website
Grant Writing	Yes	
Hazus 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	No	
Fees for Water, Sewer, Gas, or Electric Services	Yes	
Impact Fees for New Development	No	
Stormwater Utility Fee	No	
Incur Debt Through Private Activities	No	
Community Development Block Grant	Yes	
Other Federal Funding Programs	No	
State Funding Programs	Yes	
Other (e.g., withhold spending in hazard-prone areas)	Yes	Incur Debt through General Obligation Funds and Incur Debt through Special Tax and Revenue Bonds
How can these capabilities be expanded and improved to reduce risk?		



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.	Yes	
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	
Natural Disaster or Safety Related School Programs	No	
StormReady Certification	No	
Firewise Communities Certification	No	
Public-Private Partnership Initiatives Addressing Disaster Related Issues	Yes	
Other	Yes	Monmouth county rapid deployment force Monmouth County emergency response training
How can these capabilities be expanded and improved to reduce risk?		





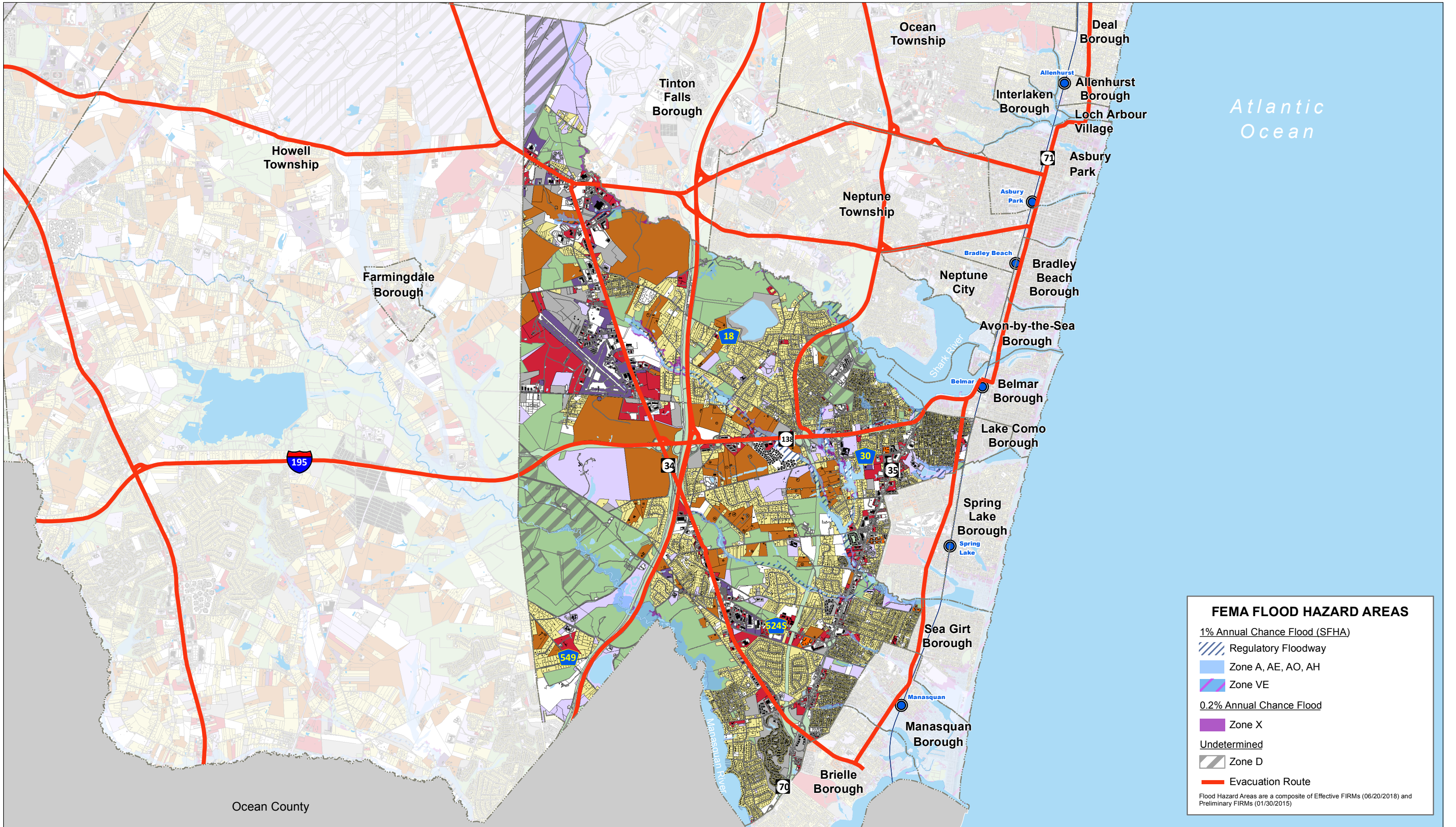
Parcel Classification

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

03,0006,000

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)

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.



Parcel Classification

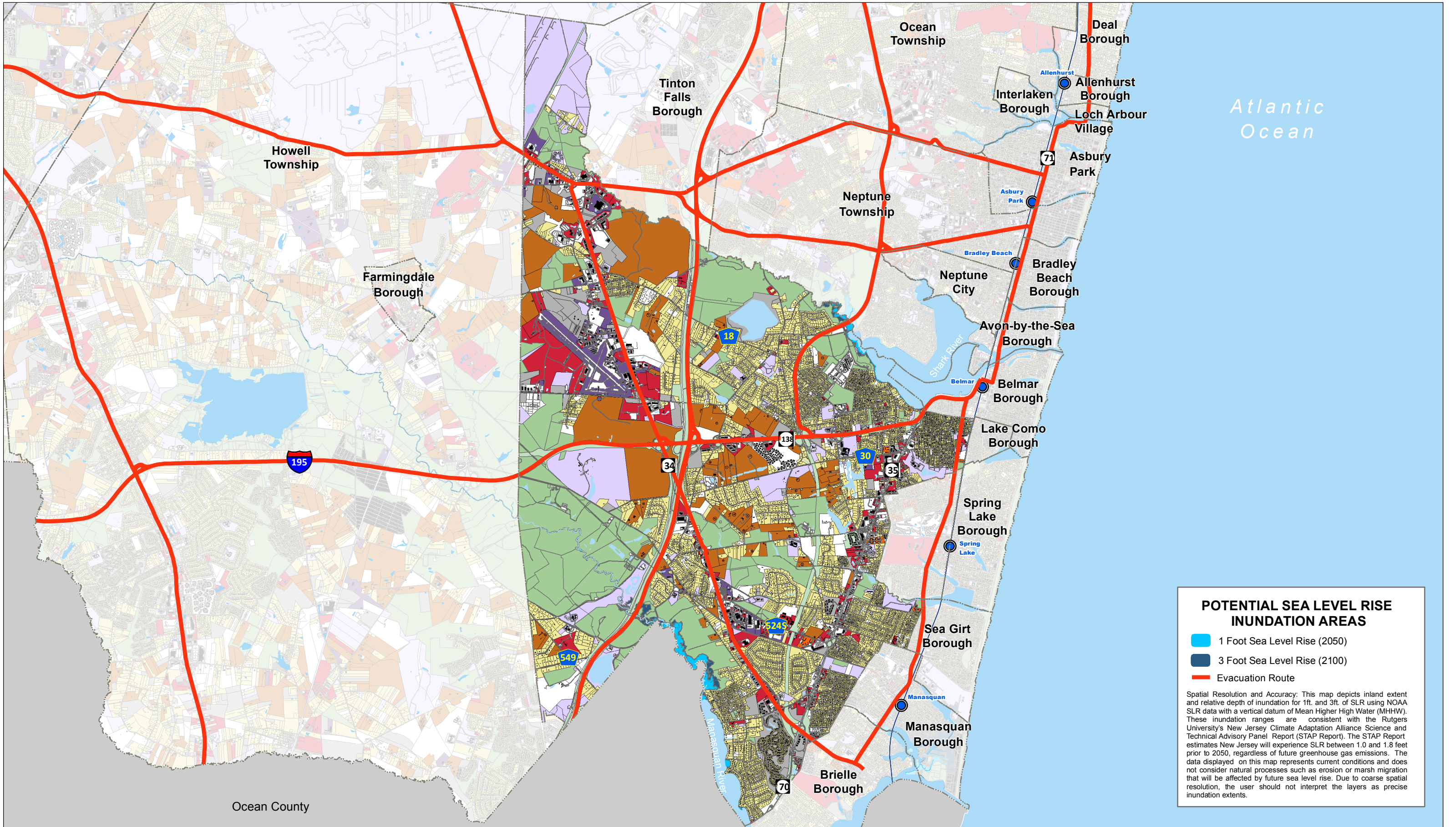
Industrial	Commercial	Apartment	Residential (four families or less)
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified
			Open Space

03,0006,000

Feet

Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA

Projection: New Jersey State Plane, NAD 1983



POTENTIAL SEA LEVEL RISE INUNDATION AREAS

1 Foot Sea Level Rise (2050)

3 Foot Sea Level Rise (2100)

Evacuation Route

Spatial Resolution and Accuracy: This map depicts inland extent and relative depth of inundation for 1ft. and 3ft. of SLR using NOAA SLR data with a vertical datum of Mean Higher High Water (MHHW). These inundation ranges are consistent with the Rutgers University's New Jersey Climate Adaptation Alliance Science and Technical Advisory Panel Report (STAP Report). The STAP Report estimates New Jersey will experience SLR between 1.0 and 1.8 feet prior to 2050, regardless of future greenhouse gas emissions. The data displayed on this map represents current conditions and does not consider natural processes such as erosion or marsh migration that will be affected by future sea level rise. Due to coarse spatial resolution, the user should not interpret the layers as precise inundation extents.

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MEETING NOTES

Topic: Wall Township- Monmouth County HMP Meeting

Date: May 15, 2019

Time: 10:00 AM- 11:00 AM

Location: Police Headquarters; 2700 Allaire Rd, Wall Township, NJ 07719

Drafted by: Paige Kaspar

Introductions (Brittany):

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

Elevations:

- Went thru blue acres and were denied for all 4 properties. Blue Acres denied the elevations because there weren't enough homes that needed to be elevated.
- Butternut and Old Mill home was raised.

Race Track:

- State Police regulates the racing division
- Generic plans on evacuation
- If there's a bigger event sponsored by Nascar there has to be a plan by nascar
- There are critical response procedures in place if there was an event.
- Township wants a stationary license plate reader. Wall township is in the middle of a lot of access points (35, 34, 18, garden state parkway, 195)

Flooding Issues:

- Collinwood and Butternut flooding.
- Flooding Near Manasquan river.
- 138. DOT is dumping water at highschool, Allenwood rd and 138, rt 34 by Atlantic ave, Brighten Ave, Hospital Road, and other areas of town.
- Capacity of Drainage
- Putting in generators in all three municipal buildings, and backup generators for all wells and sewer stations.
- Put in a gate near the damn near osporns pond. West of new milfred road. Paid for by Wall
- There have more water problems then they use to have. Water table has risen



Critical Facilities:

- Schools as shelters- Code Blue, Power Outages

2015 Mitigation Actions:

- Action 1: Ongoing most of work is complete of underway.
 - Wastewater treatment plant has been awarded contract and paperwork underway. Only received 25 of funds thru grant.
- Action 2: Ongoing action
 - Debris Management Site and temporary sites. Will receive a list
- Action 3: It is spearheaded by the county. Wall township has spent \$300,000 on it
- Action 4: May want it to be withdraw action. This is a Spring Lake issue → may be completed.
- Action 5: Discussed above about flooding issues

2020 Mitigation Actions:

- Mosquito issues near west Belmar.
- The deer in the neighborhoods are becoming an issue. Danger to drivers, crop failure, and disease issues
- Township wants a stationary license plate reader. Wall township is in the middle of a lot of access points (35, 34, 18, garden state parkway, 195)
- Funding for civil unrest and active shooter training.
 - Monmouth County rapid deployment force
 - Monmouth County emergency response training
 - Target Harding on structures
 - Airport emergency response plans?



Monmouth County
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Wall Twp. HMP Mtg

Date: 05-15-19

Initial	Last Name	First Name	Title	Organization	Email Address
	Ashman	Brittany	At Planner MB		
	Kasper	Paige	A Planner MB		
	Lentini	Joseph	Director of Public Works	Wall Township	lentin@townshipofwall.com
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HC	Carpino	Greg	Captain	Wall Twp	gcarpino@wallpolice.org
ML	Harder	Michael	Lt. / DEM DC	Wall Twp	mharder@wallpolice.org
	Granulich	Jack	Sgt / DEM ADC	Wall Twp	jgranulich@wallpolice.org
8	Newbury	George	Twp. Mayor Wall	Wall Twp	gnewbury@townshipofwall.com
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