

Appendix Vol I.42 Rumson 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

605 *Polices In-force*

933 *Total Losses*

\$62,375,460 *Total Payments*

87 *Number of RL Properties*

11 *Number Mitigated
RL Properties*

311 *RL - Total Losses*

\$19,061,638 *RL - Total Paid*

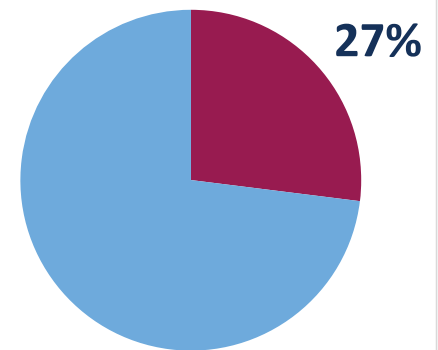


7 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

50 *SRL - Total Losses*

\$2,488,052 *SRL - Total Paid*



Percent Land Area Within SFHA

28

*Total Mitigation
Actions*

3



Education and Awareness Programs

18



Structure and Infrastructure Projects

5



Local Plans and Regulations

2



Natural Systems Protection

Critical Facilities



14 *Critical Facilities*

0 *Critical Infrastructure*

18 *Historic & Cultural Resources*



0 *SV Population At Risk (2017)*

1,853 *Population at Risk (2017)*

Rumson, 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
42_01	32 Home Elevations	Elevate 32 homes to new FEMA FIRM maps.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Homeowners and/or Borough Administrator	Private, ICC or FEMA SRL	\$5,340,000.00		Completed
42_02	Construct Earthen Berm and Associated Grading above the Existing Bulkhead at Grant Ave. and Waterman Ave.	Construct an earthen berm and associated grading above the existing bulkhead at the western and eastern terminus of Grant Ave. and Waterman Ave.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding, FEMA post disaster	\$135,000.00	1 year	Ongoing
42_03	Improvements to Eight Sanitary Sewer Pump Stations	Install emergency backup generators at pump stations (Riverside, Club Way, Thorton Way, Navesink Ave.); raise access, lids, covers, and vault chambers at pump stations (Riverside, Club Way, Thorton Way, Navesink Ave., Buna Vista, Shrewsbury Drive); install reinforced steel, rubber gasket lined storm doors at pump stations (Marina, Grant Ave.).		Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High		Borough Administrator		\$187,500.00		Completed
42_04	Install Reinforced Steel, Rubber Gasket-lined Storm Doors at DPW	The storm doors will be installed to the DPW's service bays to provide greater protection from wave action and flooding to the building's structure and contents.		Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Borough Administrator		\$75,000.00		Completed
42_05	Install New Elevated Bulkhead, Rehabilitate Existing Drainage Pipes, and Install a New Tide Valve at Shrewsbury Dr. & Ave of Two Rivers	Install 150 linear feet of a new elevated bulkhead, rehabilitate and replace existing drainage pipes, and install a new tide valve at the intersection of Shrewsbury Dr. & Ave of Two Rivers.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Medium	Borough Administrator	FEMA HMA, Borough funding, NJDOT	\$450,000.00	1 year	Ongoing
42_06	Remove and Replace Existing Underground Diesel Fuel Storage Tanks	Removal of two existing underground diesel fuel storage tanks and install two new above-ground diesel fuel storage tanks at the Borough's Department of Public Works yard.		Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Borough Administrator		\$150,000.00		Completed
42_07	Purchase and Install Generator for Rumson Fair Haven Regional High School	New generator for Rumson Fair Haven Regional High School, which serves as a transfer facility during a storm event.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Low	Low	Borough Administrator	FEMA HMA, Borough funding	\$500,000.00	1 year	Ongoing
42_08	Clean and Maintain the Borough's Streams and Ponds	Removal of debris and sediment accumulation in receiving waterways and creeks which impedes flood flows.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Public Works, County Mosquito Commission	NRCS, Borough funding	\$50,000.00	1 year	Ongoing

Rumson, 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
42_09	Establish a Tree Trimming Program	Additional a tree trimming and pruning to prevent downed power lines.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Lightening, Nor'easter, Hurricane and Tropical Storm, Winter Storm	Medium	Low	Borough Administrator	Borough funding	\$75,000.00	1 year	Ongoing
42_10	Improve the Borough's Warning System	Improve community education and awareness to emergency or urgent health and safety situations via improved internet presence, social media, Reverse911, the AM radio alerting system, and emergency siren system. The addition of electronic LED message centers (signs) at critical locations will aid in distributing information to the public. Perform an audit of the existing emergency siren coverage to confirm adequate community alerting. Develop a comprehensive program for public information that can systematically distribute hazard awareness information. The program will also promote private hazard mitigation efforts and household readiness.	Maintenance/Response/Recovery	Education and Awareness Programs	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado	High	Low	Borough Administrator	Borough funding	\$100,000.00	1 year	Ongoing
42_11	Continue Adopting Floodplain Development Protection Ordinances	Rumson would like to continue to adopt Floodplain Development Protection Ordinances as the FIRMs and Sea Level Rise maps continue to be modified.	Administrative	Local Plans and Regulations	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Mayor and Council, Planning Board, Zoning Board	Borough funding	\$10,000.00	1 year	Ongoing
42_12	Install Quick Connection for Portable Generator	Build quick connection system and control panel for 300KW portable generator with manual transfer	Maintenance/Response/Recovery	Structure and Infrastructure Project	Extreme Temperatures, Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding	\$15,000.00	1 year	Ongoing
42_13	Upgrade Community Shelter to Provide Temporary Refuge	Upgrade Bingham Hall to enhance comfort and provide an area of temporary refuge. Install permanent generator, obtain comcast or Verizon FIOS Internet/TV service, build wi-fi network within building, equipment for portable device charging stations, purchase flat panel TV on mobile cart for news broadcasts. Upgrade existing HVAC system to include air condition	Maintenance/Response/Recovery	Structure and Infrastructure Project	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Administrator	Borough funding	\$135,000.00	1 year	Ongoing
42_14	Upgrade SCADA System to Control and Monitor Critical	Upgrade SCADA system to more efficiently and effectively control and monitor critical facilities.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado	High	Low	Borough Administrator	Borough funding	\$150,000.00	1 year	Ongoing
42_15	Purchase and Install New Generator for the Oceanic Hook Ladder Fire House	Install an emergency generator at Oceanic Hook Ladder Fire House.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding	\$65,000.00	1 year	Ongoing

Rumson, 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
42_16	Rehabilitate and Upgrade the Existing Drainage System at Holly Tree Lane & Evergreen Drive	Rehabilitate and upgrade the existing drainage system to increase capacity and decrease flooding on Navesink Avenue between Holly Tree Lane and Black Point Road.	Mitigation - Continuity of Fuctional Use	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding	\$350,000.00	1 year	Ongoing
42_17	Elevate and Reconstruct Rumson Boat Launch and Install New Bulkhead	Installation of 385 linear feet of new bulkhead, reconstruction of the Rumson Boat Launch, elevating the property, and improvements to the drainage system will aid in stabilizing the eroding shoreline, reduce coastal flooding impacts, and improve public access to the Navesink River.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding	\$750,000.00	1 year	Ongoing
42_18	Create an Automated Zoning and Construction Permit System	Create an automated and expedited system for zoning and construction permit administration.	Administrative	Local Plans and Regulations	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado			Borough Administrator		\$50,000.00		Completed
42_19	Revise Rumson Emergency Operations Plan	Prepare an update to the Emergency Operations Plan for the Borough of Rumson.		Local Plans and Regulations	Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Storm Surge, Tornado			Borough Administrator		\$26,000.00		Completed
42_20	Enter NFIP's CRS Program	Provide planning services to enter the Borough of Rumson into the NFIP Community Rating System for reduced flood insurance rates.	Administrative	Education and Awareness Programs	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Low	Borough Administrator	Borough budget for staffing/consultants	\$50,000.00	1 year	Ongoing
42_21	Develop GIS Database/Inventory of Borough Owned Infrastructure	Develop GIS Database/Inventory of Borough owned infrastructure.		Local Plans and Regulations	All Hazards			Borough Administrator		\$100,000.00		Completed
42_22	Expand the GIS Database to Digitize Records	Digitize building records, capital improvement projects and plans, roadway plans, tax records, improvement plans, zoning approvals and certificates.	Administrative	Local Plans and Regulations	All Hazards	High	Low	Borough of Rumson	Borough funding	\$100,000.00	1 year	New
42_23	Obtain High Resolution Aerials of SFHAs	Obtain high resolution aerials of Special Flood Hazard Area.	Administrative	Natural Systems Protection	Flood	Low	Medium	Borough Administrator	Borough funding	\$1,000.00	1 year	New
42_24	Initiate Regional Community Resiliency Discussions with Neighboring Communities	Regional resiliency discussion on sea level rise with neighboring at risk communities.	Administrative	Education and Awareness Programs	Extreme Temperatures, Flood, Wave Action, Coastal Erosion, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Borough Administrator	Borough and County budget		3 years	New

Rumson, Borough ofMonmouth 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
42_25	Elevate or Floodproof Oyster Bay Drive	Elevating Oyster Bay Drive above the base flood elevation to maintain dry access.	Mitigation - Continuity of Fuctional Use	Natural Systems Protection	Flood, Wave Action, Coastal Erosion, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Medium	Borough Administrator	FEMA Hazard Mitigation Grant, Borough funding		3 years	New
42_26	Install Lightning Protection for Critical Borough Facilities	Install lightning protection to Borough structures based upon most vulnerable and critical facilities. This action typically include the installation of lightning rods and grounding components to buildings and installation of surge protection devices to critical electronic equipment.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Lightening, Hurricane and Tropical Storm	Medium	Low	Borough Administrator	Borough funding	\$100,000.00	1 year	New
42_27	Install Surveillance Cameras at Critical Facilities	Install surveillance cameras to monitor critical facilities for natural and human based hazards. During natural hazards, flood proofed structures (Sanitary Sewer Pump Stations) can be safely monitored from remote locations. Human-based hazards can be monitored by Rumson Police Department.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	Medium	Low	Borough Administrator	Homeland Security grants, Borough funding	\$80,000.00	1 year	New
42_28	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Coordinate with residents to mitigate RL/SRL properties through structure elevation, demolition to open space, or other type of mitigation.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm	High	Medium	Borough and Property Owners	FEMA HMA		5 + years	New
42_29	Create a Plan to Manage Development in Landslide Hazard Areas	Create a plan to implement reinforcement measures in high-risk areas.	Administrative	Local Plans and Regulations	Landslide	Low	Low	Borough	Municipal budget		3 years	New

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_01

Rumson, Borough of

Describing the Action

Action Name: 32 Home Elevations

Action Category: Mitigation - Risk Reduction

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Structure Elevation

Action Description: Elevate 32 homes to new FEMA FIRM maps.

Evaluating the Action

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

Goals: 1, 2, 3, 5, 6

Risk Reduction: Roughly half of Rumson lies within mapped storm surge hazard areas. Superstorm Sandy's storm surge on the Shrewsbury and Navesink Rivers inundated a large area of Rumson, not previously recognized by local residents as particularly susceptible to surge. By far, the larger areas inundated were on the south side of the Borough along the Shrewsbury.

Technical: This mitigation is technically feasible.

Political: This project was advised by the Mayor and Borough Council

Legal: The community has 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: Property owners may need to relocate while the home raising is implemented.

Administrative Capability: The community does have the personnel and homeowners will maintain projects.

Local Champion: Borough Council and the Mayor

Other Community Objectives: Capital Improvements

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$5,340,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Homeowners and/or Borough Administrator

Local Planning Mechanism: Mitigation activities will be implemented according to all governing regulatory documents, additionally current code r

Likely Funding Source(s): Private, ICC or FEMA SRL

Timeline:

Action Status: Completed

Notes: 150 homes have been elevated since Superstorm Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_02

Rumson, Borough of

Describing the Action

Action Name:	Construct Earthen Berm and Associated Grading above the Existing Bulkhead at Grant Ave. and Waterman Ave.
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Construct an earthen berm and associated grading above the existing bulkhead at the western and eastern terminus of Grant Ave. and Waterman Ave.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6
Risk Reduction:	It is crucial to keep Grant Ave. and Waterman Ave. accessible during storm events for possible evacuation and emergency services.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no negative environmental impacts caused by this project and it will comply.
Social:	There are no negative social impacts from this project.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	10

Implementing the Action

Cost Estimate:	\$135,000.00
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Borough funding, FEMA post disaster
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; Borough installed a new elevated bulkhead and a new tide valve at the western terminus of Washington Avenue and installed a new tide valve at the eastern and western terminus of Grant Ave, the terminus of Waterman Ave, the midblock of Warren St, and the midblock of Waterman Ave.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_03

Rumson, Borough of

Describing the Action

Action Name:	Improvements to Eight Sanitary Sewer Pump Stations
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Mitigation Reconstruction
Action Description:	Install emergency backup generators at pump stations (Riverside, Club Way, Thorton Way, Navesink Ave.); raise access, lids, covers, and vault chambers at pump stations (Riverside, Club Way, Thorton Way, Navesink Ave., Buna Vista, Shrewsbury Drive); install reinforced steel, rubber gasket lined storm doors at pump stations (Marina, Grant Ave.).

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 3, 5, 7
Risk Reduction:	These pump stations were inundated during Superstorm Sandy and need to remain in operation to protect the public health of the Borough.
Technical:	This mitigation is technically feasible
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$187,500.00
Priority:	High
Scale of Ease of Implementation:	
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory document
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	Completed with FEMA funding after Superstorm Sandy. The Borough was awarded HMGP funding of \$282,959 for Pump Station Generators and SCADA Alarm Systems. The Department of Public Works Building and Marina Pump Station, Main Pump Station (AKA Grant Ave. Pump Station), Navesink Pump Station, Avenue of 2 Rivers South Pump Station, Thornton Way Pump Station, Buena Vista Pump Station, Club Way Pump Station, and Riverside Dr Pump Station also received FEMA 406 Public Assistance funding for an in-kind generator after Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_04

Rumson, Borough of

Describing the Action

Action Name:	Install Reinforced Steel, Rubber Gasket-lined Storm Doors at DPW
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Structural Retrofitting of Existing Buildings
Action Description:	The storm doors will be installed to the DPW's service bays to provide greater protection from wave action and flooding to the building's structure and contents.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 7
Risk Reduction:	The DPW is crucial for emergency repairs during storm events and ensuring this building is accessible for emergency workers.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$75,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	The Borough had 4' of water throughout the garage and lost hundreds of thousands of dollars of equipment and tools. The Borough wouldn't raise the building, so they installed the flood doors. They have a set for every overhead door, personnel door, and window panels which make the building floodproof. DPW can deploy the doors within a couple hours to DPW and the two pump stations. This was a HMGP project completed post Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_05

Rumson, Borough of

Describing the Action

Action Name:	Install New Elevated Bulkhead, Rehabilitate Existing Drainage Pipes, and Install a New Tide Valve at Shrewsbury Dr. & Ave of Two Rivers
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Mitigation Reconstruction
Action Description:	Install 150 linear feet of a new elevated bulkhead, rehabilitate and replace existing drainage pipes, and install a new tide valve at the intersection of Shrewsbury Dr. & Ave of Two Rivers.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 5
Risk Reduction:	Roughly half of Rumson lies within mapped storm surge hazard areas. Hurricane Sandy's storm surge on the Shrewsbury and Navesink Rivers inundated a large area of Rumson, not previously recognized by local residents as particularly susceptible to surge. By far, the larger areas inundated were on the south side of the Borough along Shrewsbury.
Technical:	This action is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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:	During road construction the intersection may be inaccessible.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital improvements
STAPLEE Evaluation:	10

Implementing the Action

Cost Estimate:	\$450,000.00
Priority:	Medium
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA HMA, Borough funding, NJDOT
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is still interested in this action and once funds are available, will implement.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_06

Rumson, Borough of

Describing the Action

Action Name:	Remove and Replace Existing Underground Diesel Fuel Storage Tanks
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Removal of two existing underground diesel fuel storage tanks and install two new above-ground diesel fuel storage tanks at the Borough's Department of Public Works yard.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 3
Risk Reduction:	The storage tanks were at risk of contamination.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$150,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_07

Rumson, Borough of

Describing the Action

Action Name:	Purchase and Install Generator for Rumson Fair Haven Regional High School
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	New generator for Rumson Fair Haven Regional High School, which serves as a transfer facility during a storm event.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 3, 7
Risk Reduction:	Rumson Fair Haven Regional High School lost power during Superstorm Sandy and serves as a transfer facility during a storm event.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$500,000.00
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA HMA, Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is researching funding opportunities to move this action forward.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_08

Rumson, Borough of

Describing the Action

Action Name:	Clean and Maintain the Borough's Streams and Ponds
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Floodplain and Stream Restoration
Action Description:	Removal of debris and sediment accumulation in receiving waterways and creeks which impedes flood flows.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6
Risk Reduction:	The cleaning and maintenance of streams and ponds is a priority for the Borough in order to ensure proper drainage of flood waters and to reduce flooding events.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 negative social effects going forward with this project.
Administrative Capability:	The community does have the personnel and administrative capability to maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$50,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Public Works, County Mosquito Commission
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	NRCS, Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is still interested in this action and once funds are available, will implement.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_09

Rumson, Borough of

Describing the Action

Action Name:	Establish a Tree Trimming Program
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Additional a tree trimming and pruning to prevent downed power lines.

Evaluating the Action

Hazard(s) Addressed:	Flood, Lightening, Nor'easter, Hurricane and Tropical Storm, Winter Storm
Goals:	1, 2, 3, 5, 6, 7
Risk Reduction:	Downed trees on power lines contribute to power outages during severe storms with high winds.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$75,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is still interested in this action and once funds are available, will implement.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_10

Rumson, Borough of

Describing the Action

Action Name:	Improve the Borough's Warning System
Action Category:	Maintenance/Response/Recovery
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Improve community education and awareness to emergency or urgent health and safety situations via improved internet presence, social media, Reverse911, the AM radio alerting system, and emergency siren system. The addition of electronic LED message centers (signs) at critical locations will aid in distributing information to the public. Perform an audit of the existing emergency siren coverage to confirm adequate community alerting. Develop a comprehensive program for public information that can systematically distribute hazard awareness information. The program will also promote private hazard mitigation efforts and household readiness.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado
Goals:	3, 4, 7
Risk Reduction:	Potential storm events pose a threat to borough residents and ensuring that they are properly notified of incoming threats is important in protecting their health and safety.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$100,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing; Recent personnel hire with expertise in public communications and media planning. The Borough is taking proactive steps towards improving on their existing outreach and notification capabilities. The Borough is also investigating digital message center options for installation at highly visible public locations. Cost: \$60k initial, \$50k annual cost

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_11

Rumson, Borough of

Describing the Action

Action Name:	Continue Adopting Floodplain Development Protection Ordinances
Action Category:	Administrative
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Post-Disaster Code Enforcement
Action Description:	Rumson would like to continue to adopt Floodplain Development Protection Ordinances as the FIRMs and Sea Level Rise maps continue to be modified.

Evaluating the Action

Hazard(s) Addressed:	Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5
Risk Reduction:	Superstorm Sandy's storm surge on the Shrewsbury and Navesink Rivers inundated a large area of Rumson, not previously recognized by local residents as particularly susceptible to surge. Floodplain Development Protection Ordinances protect life and property from developing in high-risk flood areas.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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:	Property owners may need to relocate while the home raising is implemented.
Administrative Capability:	The community does have the personnel and homeowners will maintain project.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$10,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Mayor and Council, Planning Board, Zoning Board
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is still interested in this action and once funds are available, will implement.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_12

Rumson, Borough of

Describing the Action

Action Name:	Install Quick Connection for Portable Generator
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	Build quick connection system and control panel for 300KW portable generator with manual transfer

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	3, 5, 6, 7
Risk Reduction:	Much of the Borough lost power during Superstorm Sandy, including Borough Hall.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$15,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is researching funding opportunities to move this action forward.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_13

Rumson, Borough of

Describing the Action

Action Name:	Upgrade Community Shelter to Provide Temporary Refuge
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Upgrade Bingham Hall to enhance comfort and provide an area of temporary refuge. Install permanent generator, obtain comcast or Verizon FIOS Internet/TV service, build wi-fi network within building, equipment for portable device charging stations, purchase flat panel TV on mobile cart for news broadcasts. Upgrade existing HVAC system to include air condition

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 7
Risk Reduction:	Much of the Borough lost power during Superstorm Sandy.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$135,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; Borough recently procured internet provider service to Bingham Hall. The Borough is researching funding and shared service opportunities to move this action forward. HVAC upgrade must preserve the significance of the historic structure.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_14

Rumson, Borough of

Describing the Action

Action Name:	Upgrade SCADA System to Control and Monitor Critical Facilities
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Upgrade SCADA system to more efficiently and effectively control and monitor critical facilities.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado
Goals:	3, 4, 6, 7
Risk Reduction:	The SCADA system ensures that critical facilities proper function and quickly identify potential risks.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$150,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	SCADA system has been completed and fully operational at 11 sanitary sewer pump stations. The system has proven effective and should be implemented in 10 additional Borough facilities (Bingham Hall, 2 Firehouses, EMS, etc.)

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_15

Rumson, Borough of

Describing the Action

Action Name: Purchase and Install New Generator for the Oceanic Hook Ladder Fire House

Action Category: Maintenance/Response/Recovery

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: Install an emergency generator at Oceanic Hook Ladder Fire House.

Evaluating the Action

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

Goals: 3, 5, 6, 7

Risk Reduction: Heavy wind and rainfall caused power loss at the Oceanic Hook Ladder Fire House during Sandy.

Technical: This mitigation is technically feasible.

Political: This project was advised by the Mayor and Borough Council

Legal: The community has 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 from this project on the community

Administrative Capability: The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.

Local Champion: Borough Council and the Mayor

Other Community Objectives: Capital Improvements

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$65,000.00

Priority: Medium

Scale of Ease of Implementation: Low

Responsible Party: Borough Administrator

Local Planning Mechanism: Mitigation activities will be implemented according to all governing regulatory documents.

Likely Funding Source(s): FEMA Hazard Mitigation Grant, Borough funding

Timeline: 1 year

Action Status: Ongoing

Notes: Ongoing 2015 action; the Borough is researching funding opportunities to move this action forward.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_16

Rumson, Borough of

Describing the Action

Action Name:	Rehabilitate and Upgrade the Existing Drainage System at Holly Tree Lane & Evergreen Drive
Action Category:	Mitigation - Continuity of Fuctional Use
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Infrastructure Retrofit
Action Description:	Rehabilitate and upgrade the existing drainage system to increase capacity and decrease flooding on Navesink Avenue between Holly Tree Lane and Black Point Road.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6
Risk Reduction:	Superstorm Sandy's storm surge on the Shrewsbury and Navesink Rivers inundated a large area of Rumson that was not previously recognized by local residents as particularly susceptible to surge.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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:	During road construction the roadway may be temporary inaccessible.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$350,000.00
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough has procured on-the-ground survey of existing conditions and topography to begin the project design. Funding opportunities must be evaluated

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_17

Rumson, Borough of

Describing the Action

Action Name:	Elevate and Reconstruct Rumson Boat Launch and Install New Bulkhead
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Installation of 385 linear feet of new bulkhead, reconstruction of the Rumson Boat Launch, elevating the property, and improvements to the drainage system will aid in stabilizing the eroding shoreline, reduce coastal flooding impacts, and improve public access to the Navesink River.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 6, 7
Risk Reduction:	This is the lowest elevation of the Borough. The shore along the boat launch endured significant erosion during Superstorm Sandy and is now causing drainage issues on site.
Technical:	This action is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it. Borough would have to bid the project and construction.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	11

Implementing the Action

Cost Estimate:	\$750,000.00
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Borough funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is developing conceptual plans for use in budgeting, project partnership development, and researching potential funding sources, such as Monmouth County Open Space and Recreation Grants. The Rumson Marina Boat Ramp/Docks also received FFMA 406 Public Assistance funding for repairs post-Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_18

Rumson, Borough of

Describing the Action

Action Name:	Create an Automated Zoning and Construction Permit System
Action Category:	Administrative
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Create an automated and expedited system for zoning and construction permit administration.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Extreme Wind, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Tornado
Goals:	3, 4, 8
Risk Reduction:	After Superstorm Sandy the Borough received a large influx of development permits for home and business repairs. The Borough was not adequately equipped to handle such an influx which in term delayed repair efforts.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$50,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	Action is such a success, the Borough now performs this action for Red Bank and Little Silver too.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_19

Rumson, Borough of

Describing the Action

Action Name: Revise Rumson Emergency Operations Plan

Action Category:

Action Type: Local Plans and Regulations

HMA Eligible Activity: Miscellaneous/Other

Action Description: Prepare an update to the Emergency Operations Plan for the Borough of Rumson.

Evaluating the Action

Hazard(s) Addressed: Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Storm Surge, Tornado

Goals: 1, 2, 3, 4, 5, 6, 7

Risk Reduction: Hurricane Sandy was a storm far more devastating than ever previously planned for within the Borough. Revisions to the current plan are necessary to incorporate updated emergency response planning.

Technical: This mitigation is technically feasible.

Political: This project was advised by the Mayor and Borough Council

Legal: The community has the legal authority to implement this project.

Environmental: There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local/ regulations.

Social: There are no social impacts from this project on the community.

Administrative Capability: The community does have the personnel and administrative capability implement this action as well as maintain it.

Local Champion: Borough Council and the Mayor

Other Community Objectives: Capital Improvements

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$26,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Borough Administrator

Local Planning Mechanism: Mitigation activities will be implemented according to all governing regulatory documents.

Likely Funding Source(s):

Timeline:

Action Status: Completed

Notes: Will update plan in the next year.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_20

Rumson, Borough of

Describing the Action

Action Name:	Enter NFIP's CRS Program
Action Category:	Administrative
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Provide planning services to enter the Borough of Rumson into the NFIP Community Rating System for reduced flood insurance rates.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	8
Risk Reduction:	Superstorm Sandy devastated shore towns in New Jersey sparking the need for flood insurance across the state, however, flood insurance is extremely costly.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Borough Council and the Mayor
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$50,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough budget for staffing/consultants
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Borough is working with FEMA, NJDEP, and Monmouth County CRS User Group to enter into the CRS program. The Borough has retained the professional services of T&M Associates to assist in document preparation for the next earliest enrollment period.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_21

Rumson, Borough of

Describing the Action

Action Name: Develop GIS Database/Inventory of Borough Owned Infrastructure

Action Category:

Action Type: Local Plans and Regulations

HMA Eligible Activity: Advance Assistance

Action Description: Develop GIS Database/Inventory of Borough owned infrastructure.

Evaluating the Action

Hazard(s) Addressed: All Hazards

Goals: 2, 4, 5, 7

Risk Reduction: In order for the Borough to properly prepare for future weather events it is imperative we know where these systems are, what condition they are in and what they service.

Technical: This mitigation is technically feasible.

Political: This project was advised by the Mayor and Borough Council

Legal: The community has the legal authority to implement this project.

Environmental: There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.

Social: There are no social impacts from this project on the community.

Administrative Capability: The community does have the personnel and administrative capability implement this action as well as maintain it.

Local Champion: Borough Council and the Mayor

Other Community Objectives: Capital Improvements

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$100,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Borough Administrator

Local Planning Mechanism: Mitigation activities will be implemented according to all governing regulatory documents.

Likely Funding Source(s):

Timeline:

Action Status: Completed

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_22

Rumson, Borough of

Describing the Action

Action Name:	Expand the GIS Database to Digitize Records
Action Category:	Administrative
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Advance Assistance
Action Description:	Digitize building records, capital improvement projects and plans, roadway plans, tax records, improvement plans, zoning approvals and certificates.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	2, 4, 5, 7
Risk Reduction:	Digitizing records protects all documentation from being permanently destroyed from future hazards and allows quicker access for the public to this information.
Technical:	Yes
Political:	No legal impediments anticipated.
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no negative environmental impacts caused by this project and it will comply.
Social:	There are no negative social impacts from this project.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	OEM; Mayor and Borough Council
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$100,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Borough of Rumson
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	New

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_23

Rumson, Borough of

Describing the Action

Action Name:	Obtain High Resolution Aerials of SFHAs
Action Category:	Administrative
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Advance Assistance
Action Description:	Obtain high resolution aerials of Special Flood Hazard Area.

Evaluating the Action

Hazard(s) Addressed:	Flood
Goals:	2, 3, 4, 5, 6
Risk Reduction:	Aerial or satellite base maps are useful for viewing structures and high resolution pictures of the earth's surface.
Technical:	This mitigation is technically feasible.
Political:	No legal impediments anticipated.
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no negative environmental impacts caused by this project and it will comply.
Social:	There are no negative social impacts from this project.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	OEM; Mayor and Borough Council
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$1,000.00
Priority:	Low
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_24

Rumson, Borough of

Describing the Action

Action Name: Initiate Regional Community Resiliency Discussions with Neighboring Communities

Action Category: Administrative

Action Type: Education and Awareness Programs

HMA Eligible Activity: Advance Assistance

Action Description: Regional resiliency discussion on sea level rise with neighboring at risk communities.

Evaluating the Action

Hazard(s) Addressed: Extreme Temperatures, Flood, Wave Action, Coastal Erosion, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 1, 2, 3, 4, 5, 6, 7

Risk Reduction: The Borough is at a high risk of Sea Level Rise and flooding.

Technical: This mitigation is technically feasible.

Political: No legal impediments anticipated.

Legal: The community has the legal authority to implement this project.

Environmental: There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.

Social: There are no social impacts from this project on the community.

Administrative Capability: The community does have the personnel and administrative capability implement this action as well as maintain it.

Local Champion: OEM; Mayor and Borough Council

Other Community Objectives:

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate:

Priority: Medium

Scale of Ease of Implementation: Low

Responsible Party: Borough Administrator

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): Borough and County budget

Timeline: 3 years

Action Status: New

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_25

Rumson, Borough of

Describing the Action

Action Name:	Elevate or Floodproof Oyster Bay Drive
Action Category:	Mitigation - Continuity of Fuctional Use
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Structure Elevation
Action Description:	Elevating Oyster Bay Drive above the base flood elevation to maintain dry access.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Coastal Erosion, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 4, 5, 6
Risk Reduction:	Flood waters wash roads out, which is happening more often each year.
Technical:	This mitigation is technically feasible.
Political:	No legal impediments anticipated.
Legal:	This project was advised by the Mayor and Borough Council.
Environmental:	There are no potential environmental impacts caused by this project, these will be considered and it will comply with all federal, state, and local regulations.
Social:	There are no social impacts from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	OEM; Mayor and Borough Council
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	Medium
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	FEMA Hazard Mitigation Grant, Borough funding
Timeline:	3 years
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_26

Rumson, Borough of

Describing the Action

Action Name:	Install Lightning Protection for Critical Borough Facilities
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Install lightning protection to Borough structures based upon most vulnerable and critical facilities. This action typically include the installation of lightning rods and grounding components to buildings and installation of surge protection devices to critical electronic equipment.

Evaluating the Action

Hazard(s) Addressed:	Lightening, Hurricane and Tropical Storm
Goals:	3, 5, 6 7
Risk Reduction:	Lightning strikes can damage electronic equipment utilized in critical facilities such as sanitary sewer pump stations and communication equipment.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council.
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Mayor and Borough Council
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$100,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Borough funding
Timeline:	1 year
Action Status:	New
Notes:	The Borough is researching the necessary equipment for lightning protection and evaluating critical facility priority.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_27

Rumson, Borough of

Describing the Action

Action Name:	Install Surveillance Cameras at Critical Facilities
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Install surveillance cameras to monitor critical facilities for natural and human based hazards. During natural hazards, flood proofed structures (Sanitary Sewer Pump Stations) can be safely monitored from remote locations. Human-based hazards can be monitored by Rumson Police Department.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	3, 5, 6, 7
Risk Reduction:	Natural and human based hazards can be monitored at critical facilities to reduce the risk of damage.
Technical:	This mitigation is technically feasible.
Political:	This project was advised by the Mayor and Borough Council.
Legal:	The community has 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 from this project on the community.
Administrative Capability:	The community does have the personnel and administrative capability implement this action as well as maintain it.
Local Champion:	Mayor and Borough Council
Other Community Objectives:	Capital Improvements
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$80,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Borough Administrator
Local Planning Mechanism:	Mitigation activities will be implemented according to all governing regulatory documents.
Likely Funding Source(s):	Homeland Security grants, Borough funding
Timeline:	1 year
Action Status:	New
Notes:	The Borough is researching the necessary equipment for surveillance operations and evaluating critical facility priority.

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_28

Rumson, 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:	Coordinate with residents to mitigate RL/SRL properties through structure elevation, demolition to open space, or other type of mitigation.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm
Goals:	1, 2, 3, 6
Risk Reduction:	Risk of future destruction and property loss in repetitive flooded areas.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	If structures are elevated, they must be built in compliance with the FEMA flood maps.
Environmental:	Positively impacts the environment by increasing the permeable surface for each homeowner property.
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:	There is sufficient capacity and experience to administer this action.
Local Champion:	OEM
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Borough and Property Owners
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	5 + years
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 42_29

Rumson, Borough of

Describing the Action

Action Name:	Create a Plan to Manage Development in Landslide Hazard Areas
Action Category:	Administrative
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	Create a plan to implement reinforcement measures in high-risk areas.

Evaluating the Action

Hazard(s) Addressed:	Landslide
Goals:	1, 2, 5
Risk Reduction:	There is a high probability of future landslide events (mostly slumps and slump blocking) in the northeast portion of the County along the shore of the Navesink River.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	The community has the legal authority to implement this project.
Environmental:	There are no negative environmental impacts caused by this project and it will comply.
Social:	Does not adversely affect any particular social group.
Administrative Capability:	There is sufficient capacity and experience to administer this action.
Local Champion:	OEM
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Borough
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Municipal budget
Timeline:	3 years
Action Status:	New
Notes:	

CAPABILITY ASSESSMENT WORKSHEET

Name: David Marks and Tom Rogers

Title: Borough Engineer and Admin/Clerk

Jurisdiction: Rumson 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	Sept 2015
Capital Improvements Plan	Yes	Sept 2015
Economic Development Plan	No	
Local Emergency Operations Plan	Yes	Updating in 2020
Continuity of Operations Plan	Yes	Part of the EOP
Post-Disaster Recovery Plan	No	
Transportation Plan	No	
Stormwater Management Plan	Yes	Sept 2015, Element of the master plan
Community Wildfire Protection Plan		



CAPABILITY ASSESSMENT WORKSHEET

Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Yes	<ul style="list-style-type: none"> • Rumson Hazard Mitigation Plan (2015) • Debris Management Plan (2015) • Strategic Recovery Planning Report (2014) • Floodplain Management Plan (2015) • Getting to Resilience • NJ FRAMES
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year: ICC 2015 (residential), ICC 2012 (commercial)
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	Score: 3 (residential) and 3 (commercial)
Fire Department ISO rating		Rating:
Site Plan Review Requirements	Yes	Planning, Zoning, Engineering Reviews
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	Floodplain Development Protection Ordinance
Natural hazard ordinance (stormwater, steep slope, wildfire)	Yes	
Flood Insurance Rate Maps	Yes	
Acquisition of Land for Open Space and Public Recreation Uses	Yes	Attempting to purchase open space on Dorn Island
Post-Disaster Recovery Ordinance	No	
Real Estate Disclose Ordinance	No	



CAPABILITY ASSESSMENT WORKSHEET

Other (ie. Special Purposes Ordinance)	No	
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	
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	
Mutual Aid Agreements	Yes	Shares building department with Little Silver and Fair Haven Shares fire with Northern Monmouth Company Shares court with Fair Haven
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	1. FT 2. Yes 3. Yes 4. Yes
Floodplain Administrator	Yes	1. Three FT employees 2. Yes 3. Yes 4. Yes
Emergency Manager	Yes	1. FT 2. Yes 3. Yes 4. Yes
Community Planner	Yes	1. PT consultant 2. Yes 3. Yes 4. Yes



CAPABILITY ASSESSMENT WORKSHEET

Civil Engineer	Yes	1. FT 2. Yes 3. Yes 4. Yes
Surveyor	Yes	1. PT consultant 2. Yes 3. Yes 4. Yes
GIS Coordinator	Yes	1. PT consultant and FT OEM 2. Yes 3. Yes 4. Yes
Scientists familiar with the hazards of the community	Yes	1. PT consultant and tree expert 2. Yes 3. Yes 4. Yes
Other	Yes	Monmouth University helps with the CRS program and GIS
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	Reverse 911, siren, Nixle system, social media
Hazard Data and Information	Yes	Borough has a website specific for Flood Management, social media
Grant Writing	Yes	In-house and consultant
Hazus Analysis	Yes	
Other	Yes	In house CAD, GIS and CFM
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	Road reconstruction, bulk head, generators,
Authority to Levy Taxes for Specific Purposes	Yes	
Fees for Water, Sewer, Gas, or Electric Services	Yes	Sewer only, all other utilities are private
Impact Fees for New Development	No	
Stormwater Utility Fee	No	Private utility
Incur Debt Through Private Activities	No	
Community Development Block Grant	No	
Other Federal Funding Programs	No	
State Funding Programs	Yes	DOT, US Forest Service
Other (e.g., withhold spending in hazard-prone areas)	Yes	
How can these capabilities be expanded and improved to reduce risk?		



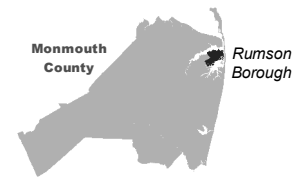
CAPABILITY ASSESSMENT WORKSHEET

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	Monmouth University, Navesink River Commission, NJ FRAMES
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Know Your Zone, High Water Mark, Sea Level Rise education with Monmouth University and marine field station at boat ramp
Natural Disaster or Safety Related School Programs	Yes	Greenhouse and building education,
StormReady Certification	NO	
Firewise Communities Certification	no	
Public-Private Partnership Initiatives Addressing Disaster Related Issues	Yes	Monmouth University, Urban Coast Institute
Other		
How can these capabilities be expanded and improved to reduce risk?		
Expand public information officer		





Parcel Classification

Industrial

Commercial

Apartment

Residential (four families or less)

Farm

Vacant

Civic/Public (Tax Exempt)

Unclassified

Open Space

08501,700

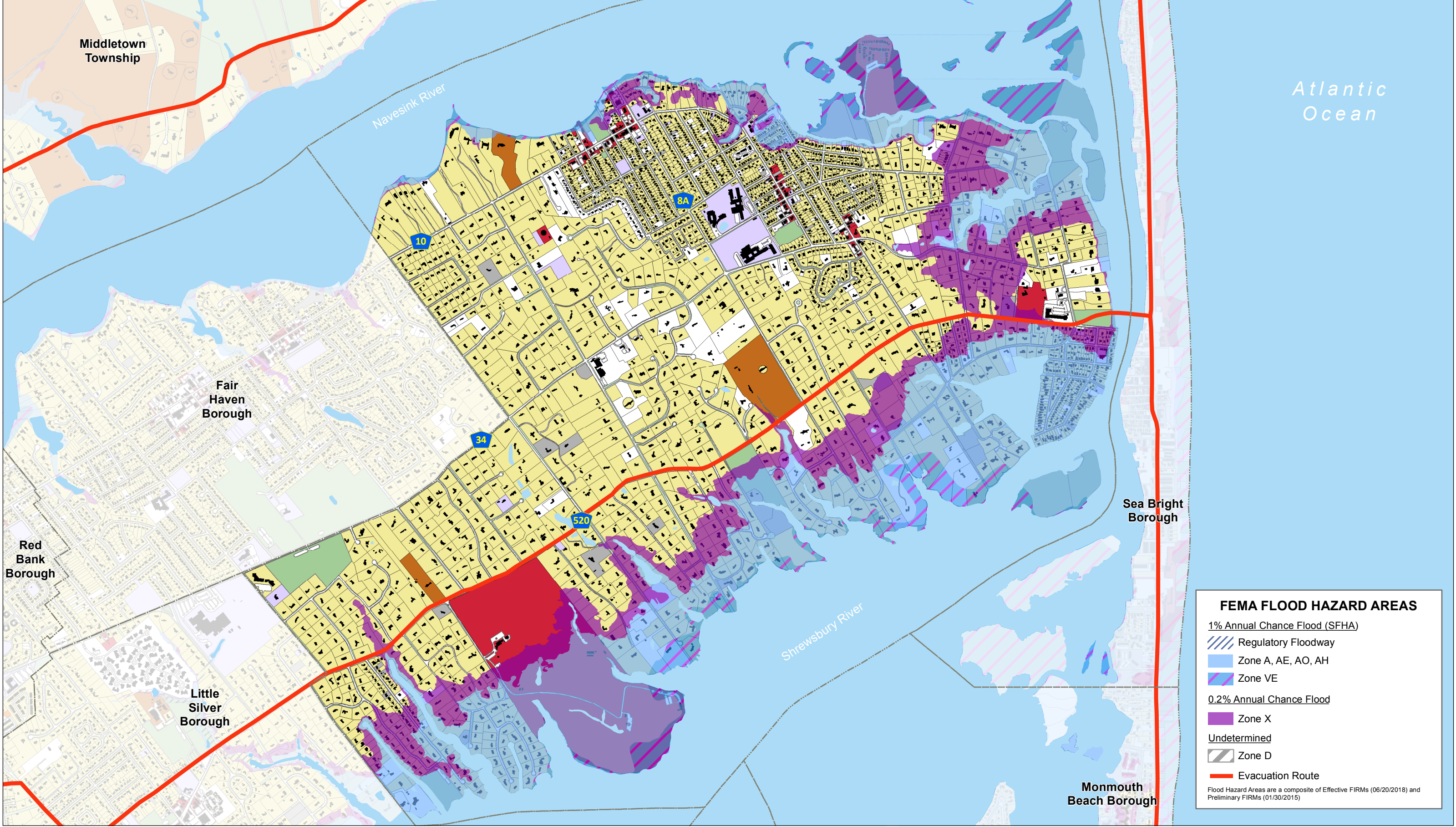
Feet

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

Projection: New Jersey State Plane, NAD 1983



Michael Baker
INTERNATIONAL



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

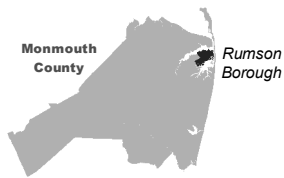
Undetermined

Zone D

Evacuation Route

Flood Hazard Areas are a composite of Effective FIRM (06/20/2018) and Preliminary FIRM (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

08501,700

Feet

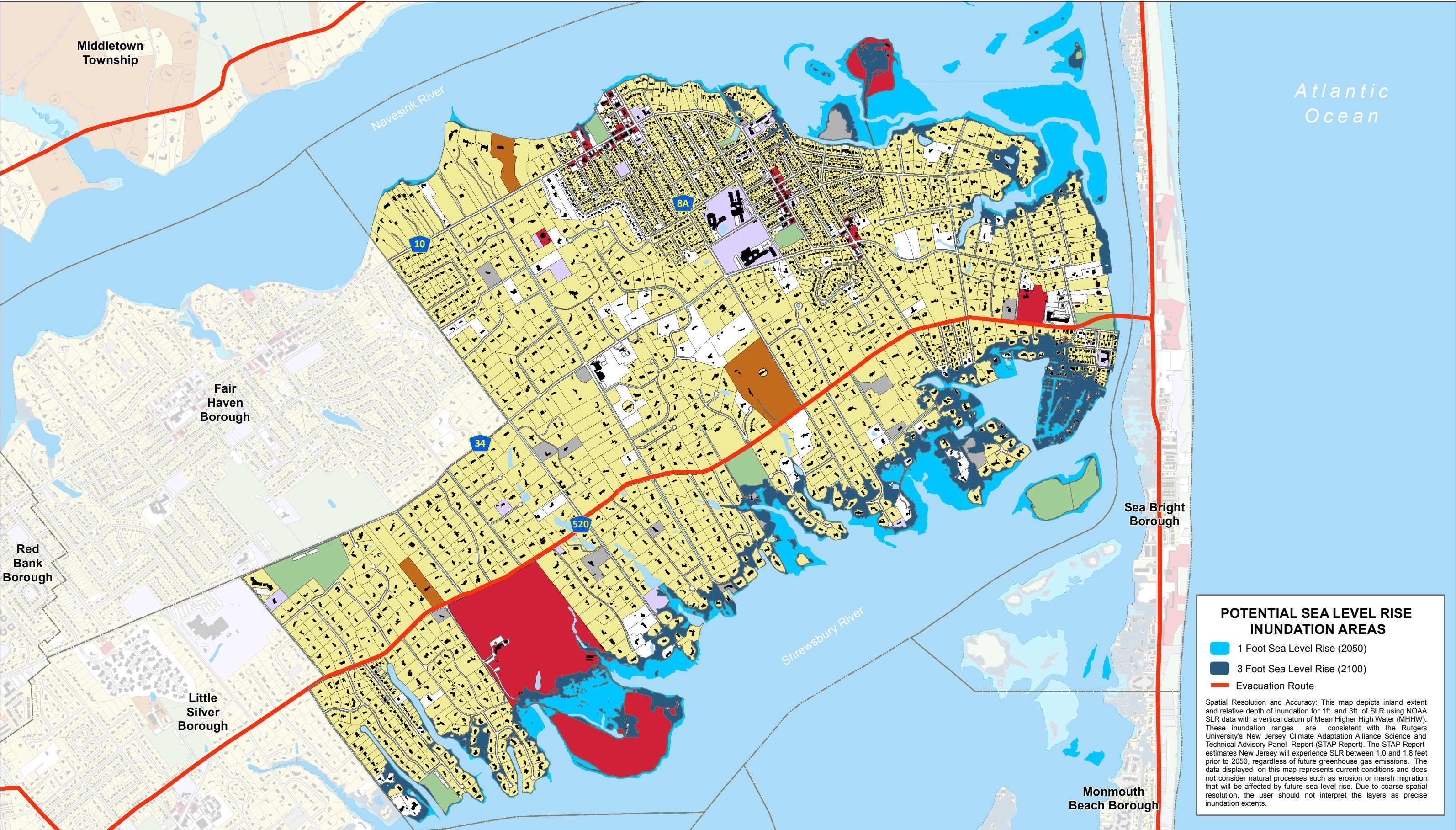
Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA

Projection: New Jersey State Plane, NAD 1983



Michael Baker

INTERNATIONAL





MEETING NOTES

Topic: Rumson HMP Update Meeting

Date: May 30, 2019

Time: 11:00 AM- 12:00 PM

Location: Rumson Borough Hall (80 East River Rd. Rumson)

Drafted by: Paige Kaspar

Introductions (Paige):

- Goals and Hazards
- What is Mitigation Hazard Planning?
- Funding Available
 - HMA
- Mitigation Strategies
- The composite of 2018 + 2015 prelim data for the FIRM maps

RL/SRL

- Repetitive Loss and Severe Repetitive Loss
- Do we need to update our RL/SRL properties list for the CRS.
- Properties on the list are in Seabright's jurisdiction. They share a zip code since their post office was washed out during Sandy.

Critical facilities

- Many properties should be removed. Send block and lot data to cross reference mitigated properties.

2015 Mitigation Actions:

- Mitigation 1: elevated 150 homes since sandy. Some of which used FEMA funding. Complete
- Mitigation 2: New bulkhead at Washington Ave. and new tide valves complete but not second half of action
- Mitigation 3: complete with FEMA funds immediately after the event.
- Mitigation 4: complete funded thru FEMA funds
- Mitigation 5: Ongoing not complete
- Mitigation 6: complete



- Mitigation 7: transfer facility ongoing
- Mitigation 8: ongoing
- Mitigation 9: ongoing
- Mitigation 10: ongoing capability. Looking at social media and updating websites
- Mitigation 11: ongoing capability
- Mitigation 12: ongoing
- Mitigation 13: ongoing
- Mitigation 14: partially complete still have 10 facilities left to complete. Ongoing
- Mitigation 15: ongoing
- Mitigation 16: ongoing
- Mitigation 17: ongoing will give updated descriptions
- Mitigation 18: completed
- Mitigation 19: completed and ongoing
- Mitigation 20: ongoing capability
- Mitigation 21: huge portion is complete. New action out of this; phase 2.

2020 Mitigation Actions (NEW):

1. Digitize building records. Capital improvement projects, tax records, improvement plans, zoning, elevation certificates all digitized.
2. High resolution aeriels of flood hazard areas.
3. Community resiliency discussion with sea level rise.
4. Raise or floodproof oyster bay drive.
5. BCA costs more than the actual project.

Successes:

- Public Works Building. Dry proofed, intakes sealed off, flood ways. Press ray flood doors.
- Sanitary pump station near borough hall and Grant Ave pump stations. All access ways are above the 500-year flood.
- Received 4 generators for the pump stations. HMP effort.
- Focus on block and lot data because Sea Bright and Rumson have similar addresses



Monmouth County
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Rumson HMP Meeting

Date: 05-30-19

Initial	Last Name	First Name	Title	Organization	Email Address
	Ashman	Brittany	Planner	MB	Brittany.Ashman@mbakerintl.com
	Kaspar	Paige	Planner	MB	Paige.Kaspar@mbakerintl.com
	MATZES	DAVID	BOARD MEMBER	Rumson	DMATZES@RUMSONNJ.GOV
	ACARUS	Thomas	Admin/ Clerk	Neungard	Thomas@NeungardNJ.Gov