

Appendix Vol I.31 Marlboro 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

167 *Polices In-force*

86 *Total Losses*

\$450,902 *Total Payments*

7 *Number of RL Properties*

0 *Number Mitigated
RL Properties*

16 *RL - Total Losses*

\$97,718 *RL - Total Paid*

0 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

0 *SRL - Total Losses*

\$0 *SRL - Total Paid*

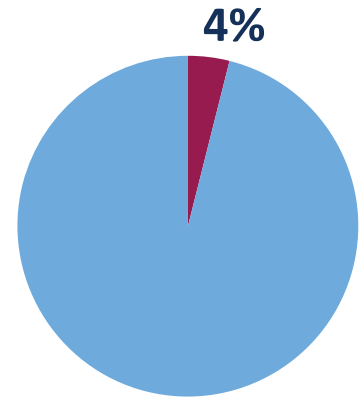


Critical Facilities

52 *Critical Facilities*

0 *Critical Infrastructure*

177 *Historic & Cultural Resources*



Percent Land Area Within SFHA

8

*Total Mitigation
Actions*

2



Education and Awareness Programs

5



Structure and Infrastructure Projects

0



Local Plans and Regulations

1



Natural Systems Protection



0 *SV Population At Risk (2017)*

1,588 *Population at Risk (2017)*

Marlboro, 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
31_01	Provide Awareness and Readiness Information on Hazards and Preparedness	Distribute timely awareness and readiness information regarding seasonal atmospheric hazards and personal preparedness and readiness guidelines.		Education and Awareness Programs	Extreme Temperatures, Flood, Drought, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Wildfire,			Administration and Office of Emergency Management		\$15,000.00		Completed
31_02	Provide Public Information on Emergencies	Use all forms of print and social media to provide advanced warning and notification of impending severe weather events and all incidents jeopardizing public safety (including but not limited to Reverse 911, Twitter, and Facebook accounts to provide alerts and update information regarding hurricanes and severe weather events).		Education and Awareness Programs	Extreme Temperatures, Drought, Nor'easter, Hurricane and Tropical Storm, Wildfire, Winter Storm			Administration and Office of Emergency Management		\$10,000.00		Completed
31_03	Purchase and Install Generator at Tennent Rd. Water Treatment Plant and Pump Station	Installation of a generator at the Tennent Road Water Treatment Plant and Pump Station.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	Medium	Low	Engineering	FEMA HMA	\$500,000.00	1 year	Ongoing
31_04	Purchase and Install Generator at the Harbor Rd. Water Treatment Plant	Installation of a stand-by generator for Water Utility wells 3 and 4 at the Harbor Road Water Treatment Plant.		Structure and Infrastructure Project	All Hazards			Engineering	Capital Funds; Grants; Loans	\$300,000.00		Completed
31_05	Purchase and Install Generator at Recreation Center	Installation of a generator at the Recreation Center which serves as a shelter.		Structure and Infrastructure Project	All Hazards			Engineering	Capital Funds; Grants; Loans	\$300,000.00		Completed
31_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Work with property owners on grants available to mitigate Repetitive Loss properties. There are seven RL properties that still need mitigation.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm	High	Medium	Construction Official	FEMA HMA		5 + years	Ongoing
31_07	Desnag and Clean Stream Corridors within the Township	Desnagging and cleaning four streams the Township.	Maintenance/Response/Recovery	Natural Systems Protection	Flood, Hurricane and Tropical Storm	High	Low	Township	Municipal budget		5 + years	New
31_08	Construct Flood Measure (e.g. floodwalls or small berms) along Deep Run	Use minor structural projects that are smaller and more localized (e.g., floodwalls or small berms) along Deep Run.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Hurricane and Tropical Storm	High	Medium	Township Engineering	FEMA HMA		3 years	New

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_01

Marlboro, Township of

Describing the Action

Action Name:	Provide Awareness and Readiness Information on Hazards and Preparedness
Action Category:	
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Distribute timely awareness and readiness information regarding seasonal atmospheric hazards and personal preparedness and readiness guidelines.

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Flood, Drought, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Wildfir
Goals:	1, 2, 3, 4
Risk Reduction:	Improve resident awareness of local hazards of all types; preparedness to respond to events of all types; resilience to return to normalcy after an event. The general public's understanding of natural hazards and mitigation possibilities could be improved. The community's overall level disaster resistance would increase if a greater number of households undertook low-cost or no-cost, small-scale mitigation activities.
Technical:	Technically feasible.
Political:	No apparent political issues.
Legal:	Action is legal and information has been provided in this way many times.
Environmental:	No environmental impacts.
Social:	Provides information to all socio-economic groups.
Administrative Capability:	Administrative cost is low and requires minimal management.
Local Champion:	Police Department; Emergency Management
Other Community Objectives:	Builds public trust and confidence in Township administration
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$15,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Administration and Office of Emergency Management
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_02

Marlboro, Township of

Describing the Action

Action Name:	Provide Public Information on Emergencies
Action Category:	
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Use all forms of print and social media to provide advanced warning and notification of impending severe weather events and all incidents jeopardizing public safety (including but not limited to Reverse 911, Twitter, and Facebook accounts to provide alerts and update information regarding hurricanes and severe weather events).

Evaluating the Action

Hazard(s) Addressed:	Extreme Temperatures, Drought, Nor'easter, Hurricane and Tropical Storm, Wildfire, Winter Storm
Goals:	1, 2, 3, 4
Risk Reduction:	There is a need for improving the timeliness and accuracy of information being provided to resident to allow them to ensure preparedness and allow them to make educated decisions regarding their own health and safety and property protection/mitigation measures.
Technical:	Technically feasible.
Political:	No Political issues.
Legal:	Action is legal and information has been provided in this way many times.
Environmental:	No environmental impacts.
Social:	Provides information to all socio-economic groups.
Administrative Capability:	Township staff can manage activities; outside resources may be developed to provide information.
Local Champion:	Administration
Other Community Objectives:	Builds public trust and confidence in the local administration.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$10,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Administration and Office of Emergency Management
Local Planning Mechanism:	Plans and procedures will be developed outlining means and methods of providing information.
Likely Funding Source(s):	
Timeline:	
Action Status:	Completed
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_03

Marlboro, Township of

Describing the Action

Action Name:	Purchase and Install Generator at Tennent Rd. Water Treatment Plant and Pump Station
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	Installation of a generator at the Tennent Road Water Treatment Plant and Pump Station.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	1, 3, 7
Risk Reduction:	Maintaining the operation of critical infrastructure during storm events is critical; however, some systems lack backup sources of power that would ensure their operability during a power outage (i.e., Tennent Road Water Treatment Plant and Pump Station).
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	No legal impediments anticipated.
Environmental:	No adverse environmental impact anticipated.
Social:	Does not adversely affect any particular social group.
Administrative Capability:	Project will need to be professionally designed and installed by a contractor.
Local Champion:	Public Works
Other Community Objectives:	Will support overall capital improvement plan and maintain quality of life for the stakeholders.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$500,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Engineering
Local Planning Mechanism:	Capital Improvement Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the Township still prioritizes this action and is researching funding opportunities.

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_04

Marlboro, Township of

Describing the Action

Action Name: Purchase and Install Generator at the Harbor Rd. Water Treatment Plant

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: Installation of a stand-by generator for Water Utility wells 3 and 4 at the Harbor Road Water Treatment Plant.

Evaluating the Action

Hazard(s) Addressed: All Hazards

Goals: 1, 3, 7

Risk Reduction: Maintaining the operation of critical infrastructure during storm events is critical; however, some systems lack backup sources of power that would ensure their operability during a power outage (i.e., Water Utility wells 3 and 4 at Harbor Road Water Treatment Plant.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group.

Administrative Capability: Project will need to be professionally designed and installed by a contractor.

Local Champion: Public Works

Other Community Objectives: Will support overall capital improvement plan and maintain quality of life for the stakeholders.

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$300,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Engineering

Local Planning Mechanism: Capital Improvement Plan

Likely Funding Source(s): Capital Funds; Grants; Loans

Timeline:

Action Status: Completed

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_05

Marlboro, Township of

Describing the Action

Action Name: Purchase and Install Generator at Recreation Center

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: Installation of a generator at the Recreation Center which serves as a shelter.

Evaluating the Action

Hazard(s) Addressed: All Hazards

Goals: 1, 3, 7

Risk Reduction: Maintaining the operation of critical infrastructure during storm events is critical; however, some systems lack backup sources of power that would ensure their operability during a power outage.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No legal impediments anticipated.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group.

Administrative Capability: Project will need to be professionally designed and installed by a contractor.

Local Champion: Administration

Other Community Objectives: Will support overall capital improvement plan and maintain quality of life for the stakeholders.

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate: \$300,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Engineering

Local Planning Mechanism: Capital Improvement Plan

Likely Funding Source(s): Capital Funds; Grants; Loans

Timeline:

Action Status: Completed

Notes: The Community Center/Warming and Comfort/Shelter received a \$250,000 grant for a generator (HMGP)

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_06

Marlboro, 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:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Structure Elevation
Action Description:	Work with property owners on grants available to mitigate Repetitive Loss properties. There are seven RL properties that still need mitigation.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm
Goals:	1, 2, 3, 5, 6
Risk Reduction:	Several residential structures throughout the community are prone to flooding, with their main floor elevations below current BFEs. Sea level rise and climate change will contribute to more frequent and severe flooding and surge events.
Technical:	Elevation and acquisition are both technically feasible project types.
Political:	Our political leadership supports this type of project.
Legal:	While the municipality does not own the structures in question, we fully support the homeowners in moving forward.
Environmental:	No environmental impacts are anticipated at this time; this would be confirmed as specific homeowners come forward and their property details are reviewed. It is likely that environmental impacts would be positive, as household hazardous wastes are no longer introduced into floodwaters.
Social:	No particular social group in our community is likely to be disproportionately impacted by this project; this would be re-evaluated as particular interested homeowners come forward.
Administrative Capability:	Our municipality has the administrative capabilities to manage an elevation, 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:	11

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Construction Official
Local Planning Mechanism:	Homeowners; Mayor; Council; Administrator; Engineer; local ordinance; Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	5 + years
Action Status:	Ongoing
Notes:	Ongoing action; the Township deems this action necessary and is searching for potential funding.

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_07

Marlboro, Township of

Describing the Action

Action Name: Desnag and Clean Stream Corridors within the Township

Action Category: Maintenance/Response/Recovery

Action Type: Natural Systems Protection

HMA Eligible Activity: Miscellaneous/Other/NA

Action Description: Desnagging and cleaning four streams the Township.

Evaluating the Action

Hazard(s) Addressed: Flood, Hurricane and Tropical Storm

Goals: 6

Risk Reduction: The Township streams are causing localized flooding. Removal of debris will improve the natural infiltration of stormwater and prevent flooding.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: Coordination with NJDEP and the County will be required.

Environmental: Positive environmental benefits from stream stabilization.

Social: No adverse environmental effects.

Administrative Capability: Borough has 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: Low

Responsible Party: Township

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): Municipal budget

Timeline: 5 + years

Action Status: New

Notes: The Township was awarded HMGP funding of \$420,236 for stream bank stabilization to protect Pleasant Valley Road.

Monmouth County Mitigation Action Worksheets

Community Action Number: 31_08

Marlboro, Township of

Describing the Action

Action Name:	Construct Flood Measure (e.g. floodwalls or small berms) along Deep Run
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Use minor structural projects that are smaller and more localized (e.g., floodwalls or small berms) along Deep Run.

Evaluating the Action

Hazard(s) Addressed:	Flood, Hurricane and Tropical Storm
Goals:	2, 3
Risk Reduction:	Deep Run transects the Township (severe residential properties) and is a Regulatory Floodway.
Technical:	Technically feasible.
Political:	No adverse political implications.
Legal:	No legal impediments.
Environmental:	Minor affects to the environment.
Social:	Does not adversely affect any particular social group.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	OEM
Other Community Objectives:	
STAPLEE Evaluation:	9

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Township Engineering
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	3 years
Action Status:	New
Notes:	

CAPABILITY ASSESSMENT WORKSHEET

Name: Bruce Hall

Title: Chief of Police/OEM Coordinator

Jurisdiction: Marlboro Township

Organization:

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

Planning & Regulatory

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

Plan	Yes/No	1. What is the date/year of the plan? 2. Does the plan address hazards? 3. Does the plan identify projects to include in the mitigation strategy? 4. Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan	Yes	
Capital Improvements Plan	Yes	
Economic Development Plan	No	
Local Emergency Operations Plan	Yes	Revised 7-21-19 All Hazards Plan. Projects included in mitigation plan. Can be used in mitigation actions.
Continuity of Operations Plan		
Post-Disaster Recovery Plan	Yes	
Transportation Plan	no	
Stormwater Management Plan	Yes	2008 Stormwater Pollution Plan with annual updates
Community Wildfire Protection Plan	No	



CAPABILITY ASSESSMENT WORKSHEET

Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)		
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	yes	Version/Year: 2018 IBC and 2018 IRC
Building Code Effectiveness Grading Schedule (BCEGS) Score	No	Score:
Fire Department ISO rating	yes	Rating: ISO 4/4B
Site Plan Review Requirements	Yes	Reviews are extensive
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	Yes on effective measures and yes on enforcement.
Subdivision Ordinance	Yes	Yes on effective measures and yes on enforcement.
Floodplain Ordinance	no	
Natural hazard ordinance (stormwater, steep slope, wildfire)	yes	
Flood Insurance Rate Maps	no	
Acquisition of Land for Open Space and Public Recreation Uses	yes	Permanent Open Space tax.
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	Local Hazard Committee
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	Brush and leaf collection in place; temporary management plan in place. JCP&L partnered with the Township on trees that create hazards
Mutual Aid Agreements	yes	Emergency Management and Law Enforcement executed at the County level and approved by Municipal Council
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 F/T	Full time staff. Adequate for normal operations. Staff is trained on Hazard and mitigation strategies. Coordination is effective..
Floodplain Administrator	Yes	
Emergency Manager	Yes	P/T staff.
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)		Reverse 911
Hazard Data and Information		Twitter, email, semi-annual e-mail blasts on hazards
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	Yes	
Fees for Water, Sewer, Gas, or Electric Services	yes	Water service only.
Impact Fees for New Development	Yes	Tree Trust Fund on development applications to mitigate falling trees.
Stormwater Utility Fee	yes	Stormwater impact fee.
Incur Debt Through Private Activities	Yes	
Community Development Block Grant	Yes	
Other Federal Funding Programs	Yes	
State Funding Programs		
Other (e.g., withhold spending in hazard-prone areas)	Yes	Withhold spending in hazard-prone areas, 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.		
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)		
Natural Disaster or Safety Related School Programs		
StormReady Certification		
Firewise Communities Certification		
Public-Private Partnership Initiatives Addressing Disaster Related Issues		
Other		
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

02,2504,500

Feet

N

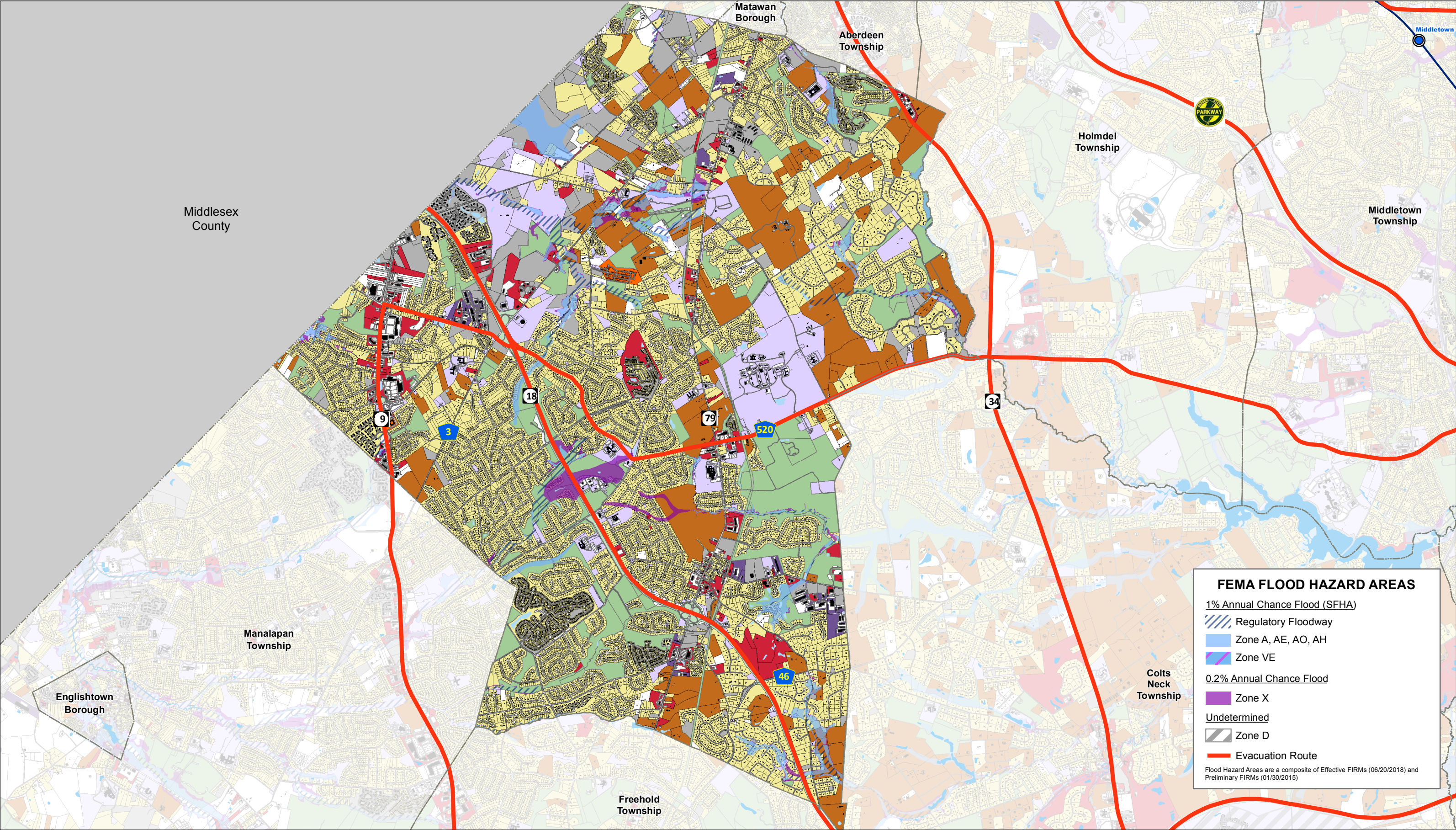
COUNTY OF MONMOUTH
NEW JERSEY

SHERIFF
MONMOUTH COUNTY

Michael Baker
INTERNATIONAL

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

Projection: New Jersey State Plane, NAD 1983



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



- Parcel Classification
- Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Open Space

02,2504,500

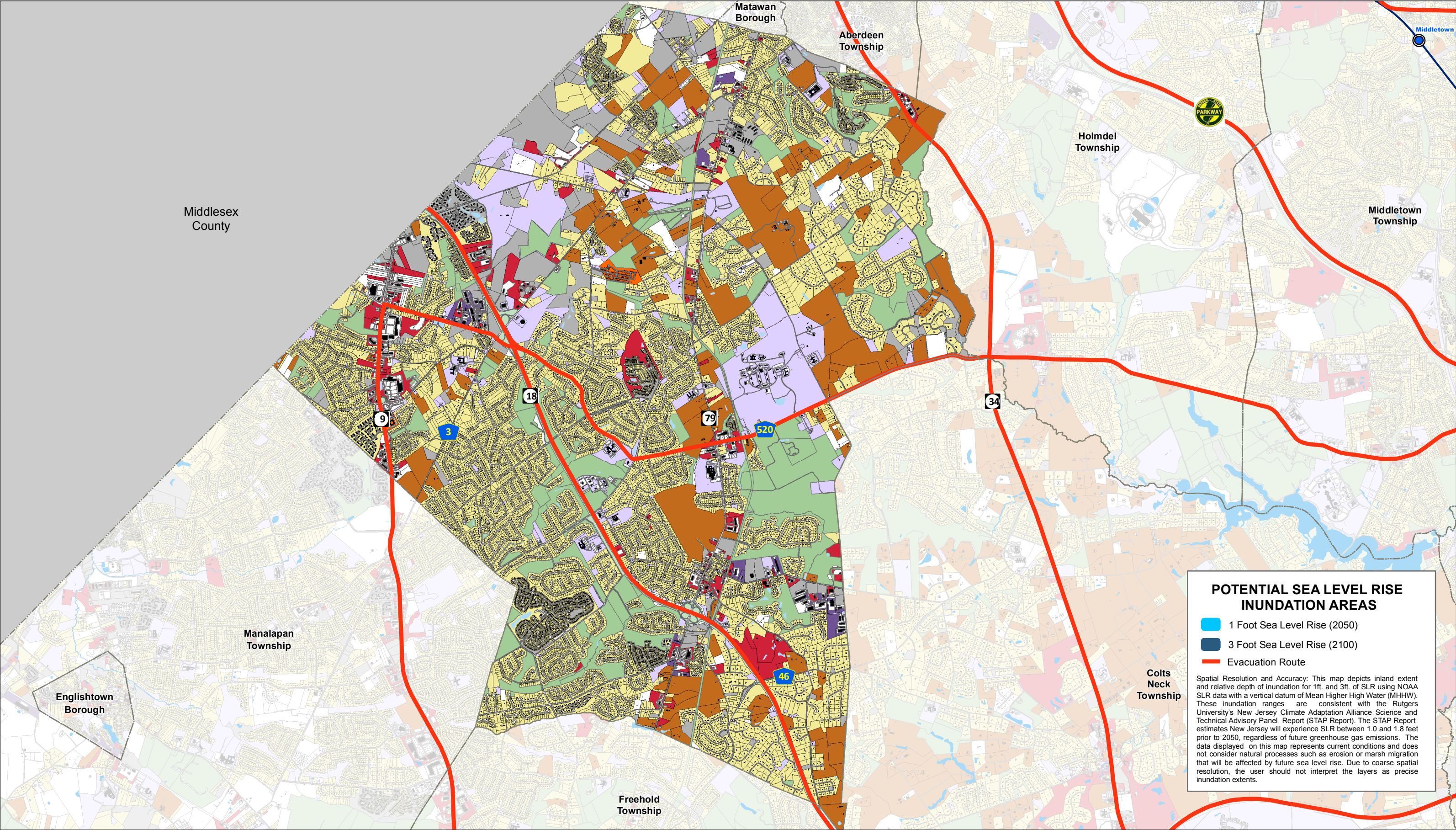
Feet

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



Michael Baker

INTERNATIONAL



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.



MEETING NOTES

Topic: Marlboro- Monmouth County HMP Meeting

Date: June 6, 2019

Time: 10:00 AM- 11:00 AM

Location: 1979 Township Dr, Marlboro Township, NJ 07746

Attendees: Johnahan Capp, Administrator
Bruce Hall, Police Chief/OEM Coordinator
Kevin Kane, Director of Community Development
Robert Miller, Superintendent of Public Works
Laura Neumann, Engineer
Peter Pezzullo, OEM Coordinator
Brittany Ashman, MB Planner
Paige Kaspar, MB Planner

Drafted by: Paige Kaspar

Introductions

- What is Hazard Mitigation
- Funding

SRL & RL Properties

- What happens if a RL property has been declared a substantially damaged property
- Don't have a good underlining soil condition and homes were built near streams

Critical Facilities

- Will follow up and add water facility as a critical facility



2015 Mitigation Actions:

- **Mitigation action 1 and 2:** ongoing capability, oem coordination meetings, reverse 911, don't park on the streets during snow storms, email blasts, → capability assessment
- Mitigation 3: Pending/ ongoing. Generator for both buildings
- Mitigation 4: Completed
- Mitigation 5: Completed
- Mitigation 6: Ongoing
- Pleasant Valley Project:

2020 Mitigation Actions (NEW):

- Stream bank stabilization project:
 - Snagging of streams for 4 streams
 - Why are there ongoing mitigation actions missing that were originally from the 2008 plan but never transferred over to 2015 that we want to be on this 2020 plan
 - Taylor rd 1 & 2
- Potential for 10-15 acre property wildfire. No ordinance in plan. More of public awareness

Successes:

- Got funding for Rec center generator

Capability Assessment

- Reverse 911
- Email blast
- OEM Coordination Meetings
- Capital Improvement Plan
- Local Power company trim around transmissions. When they do their forestry review that they tell Marlboro about issues. Tree trust fund that is available for planting and trimming trees. → power outages are a major issue effects water plants.
- Stormwater Management Plan → 2008
- Pollution Prevention Plan
- Master Plan
- Debris Management Sites (3)
- Temporary Debris Management Program



Monmouth County
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Marlboro Twp. HMP Mtg

Date: 06-06-19

Initial	Last Name	First Name	Title	Organization	Email Address
BA	Ashman	Brittany	Planner	NB	
KAE	KAE	KEVIN	DIR. COMMUNITY DEV.	MARLBORO TWP.	KNAE@MARLBORO-NJ.GOV
LN	Neuman	Laura	Engineer	CME	lneuman@cmeusa7.com
RM	Miller	Robert	SUPERINTENDENT OF PUBLIC WORKS	Marlboro Twp	RMILLER@MARLBORO-NJ.GOV
PR	Prezullo	PETER	DEM COORDINATOR	MARLBORO PD	PPEZZULLO@MARLBORO-PD.ORG
A	CNR	JENNIFER	Business Administration	MARLBORO	JENNY@MARLBORO-NJ.GOV
SK	Hall	Bruce	Police Chief / DEM COORD	Marlboro Twp	behall@marlboro.org