

Appendix Vol I.18 Hazlet 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

492 *Polices In-force*

105 *Total Losses*

\$1,614,971 *Total Payments*

4 *Number of RL Properties*

0 *Number Mitigated
RL Properties*

20 *RL - Total Losses*

\$517,203 *RL - Total Paid*

2 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

16 *SRL - Total Losses*

\$335,752 *SRL - Total Paid*

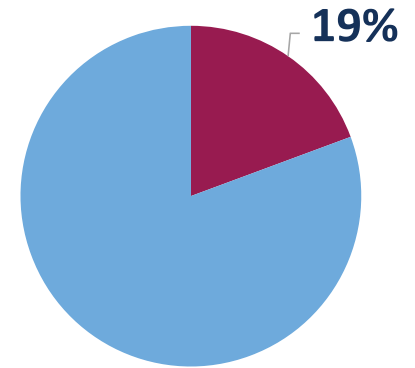


Critical Facilities

37 *Critical Facilities*

1 *Critical Infrastructure*

12 *Historic & Cultural Resources*



Percent Land Area Within SFHA

11

*Total Mitigation
Actions*

1



Education and Awareness Programs

7



Structure and Infrastructure Projects

1



Local Plans and Regulations

2



Natural Systems Protection



6 *SV Population At Risk (2017)*

3,886 *Population at Risk (2017)*

Hazlet, 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
18_01	Continue to Clear Debris and Sediment from Stream Corridors to Mitigate Flooding	The Mosquito Commission is clearing debris and sediment from many creeks and waterways at the Township's request to improve carrying capacity of flood flows and reduce overbank flooding.	Maintenance/Response/Recovery	Natural Systems Protection	Flood, Nor'easter, Hurricane and Tropical Storm	Medium	Low	Township Administrator	Municipal budget, County budget	\$450,000.00	2 years	Ongoing
18_02	Clean, Televis, and Replace Stormwater Inlets and Catch Basins	Improve inspection and maintenance of stormwater drainage by cleaning all lines, televising, and replacing inlets and catch basins throughout the entire system township wide.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm	Medium	Low	Public Works Department	Municipal budget	\$100,000.00	1 year	Ongoing
18_03	Acquire Flood-prone Property for Open Space	Purchase of McNamy property in partnership with Port Authority to preserve floodways and mitigate flood losses.		Natural Systems Protection	Flood, Nor'easter, Hurricane and Tropical Storm			Township Administrator		\$450,000.00		Withdrawn
18_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Support resident applications and provide assistance to the fullest extent possible in regard to the elevation of existing properties within the flood zone and under the known elevations.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm	High	Medium	Township Administrator	FEMA HMA		1 year	Ongoing
18_05	Purchase and Install Generators for Critical Facilities	Purchase, install, and maintain generators for First Aid, two generator upgrades and one new generator for fire houses, and a generator upgrade for the police station.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	Medium	Low	Township Emergency Services	FEMA HMA	\$500,000.00	1 year	New
18_06	Develop a Natco Park Wildfire Protection Plan	Coordinate with NJ Division of Fire Safety to develop and implement a community-wide wildfire protection plan for Natco Park. Examine paths to clear, emergency paths, and equipment needed to mitigate wildfire.	Administrative	Local Plans and Regulations	Extreme Wind, Wildfire	Medium	Low	Township Fire and Planning Departments	FEMA HMA	\$100,000.00	2 years	New
18_07	Upgrade Surveillance System Software for the Township	Upgrade the surveillance system software to be able to see a live feed of all municipally-owned critical facilities and commercial corridors.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Terrorism	High	Low	Township Police	Homeland Security grants	\$20,000.00	1 year	New
18_08	Purchase Police Protective Gear	Purchase additional police protective gear, such as helmets, outer vest carriers, ballistic vest to mitigate against the rise in terrorism.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Terrorism	High	Low	Township Police	Homeland Security grants, Municipal budget	\$100,000.00	1 year	New
18_09	Upgrade Communication System between Fire and Police	Upgrade communications police and fire departments by increasing the number of portable and mobile phones and having a base station.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	High	Low	Administrator, Fire and Police Chiefs	Homeland Security grants, Municipal budget		1 year	New

Hazlet, 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
18_10	Join FEMA's CRS Program	Join CRS program to complete pro-active floodplain management and assist residents with flood insurance costs.	Administrative	Education and Awareness Programs	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Low	Borough of Highlands	FEMA HMA		5 + years	New
18_11	Construct Flood Control Measures (e.g. floodwalls and small berms) Along Thornes Creek and Waackaack Creek to Mitigate Flooding in the West Keansburg Neighborhood	Use minor structural projects that are smaller and more localized (e.g., floodwalls or small berms) in areas that cannot be mitigated through non-structural activities or where structural activities are not feasible due to low densities.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Township of Hazlet	FEMA HMA		3 years	New

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_01

Hazlet, Township of

Describing the Action

Action Name:	Continue to Clear Debris and Sediment from Stream Corridors to Mitigate Flooding
Action Category:	Maintenance/Response/Recovery
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	The Mosquito Commission is clearing debris and sediment from many creeks and waterways at the Township's request to improve carrying capacity of flood flows and reduce overbank flooding.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm
Goals:	2, 3, 5, 6
Risk Reduction:	During major storms, there are areas within the township where creeks overflow due to debris and sedimentation causing flooding of properties and buildings.
Technical:	This action is technically feasible.
Political:	There is support from both the township committee as well as the county government for this action.
Legal:	No legal issues are anticipated, however NJDEP approvals are required
Environmental:	No adverse environmental impacts are anticipated.
Social:	This action will affect numerous sections of the township. It should not disrupt any neighborhoods.
Administrative Capability:	The majority of this action will be done by the Monmouth County Road Department with assistance from the Hazlet Township Road Dept.
Local Champion:	Hazlet Environmental Commission
Other Community Objectives:	Environmental quality and open space preservation.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$450,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Township Administrator
Local Planning Mechanism:	Master Plan and Open Space Plan
Likely Funding Source(s):	Municipal budget, County budget
Timeline:	2 years
Action Status:	Ongoing
Notes:	Ongoing 2015 action; coordinate with the County on large stream corridor areas.

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_02

Hazlet, Township of

Describing the Action

Action Name:	Clean, Televis, and Replace Stormwater Inlets and Catch Basins
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	Improve inspection and maintenance of stormwater drainage by cleaning all lines, televising, and replacing inlets and catch basins throughout the entire system township wide.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm
Goals:	2, 3, 5, 6
Risk Reduction:	During major storms, there are areas within the Township where drainage systems overflow causing flooded streets, properties, and buildings.
Technical:	This action is technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	No legal issues are anticipated.
Environmental:	No adverse environmental impacts are anticipated.
Social:	This action will affect numerous sections of the township. There may be some minor disruption to traffic in affected areas.
Administrative Capability:	Township personnel will administer and maintain this project
Local Champion:	Hazlet Township Committee and Hazlet Environmental Commission
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:	Public Works Department
Local Planning Mechanism:	NJDEPE Stormwater Regulations
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; purchased TV camera to check pipes, ongoing inlets and catch basins (scheduled), and DPW software system on inlets & catch basins.

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_03

Hazlet, Township of

Describing the Action

Action Name:	Acquire Flood-prone Property for Open Space
Action Category:	
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Property Acquisition and Structure Demolition
Action Description:	Purchase of McNamy property in partnership with Port Authority to preserve floodways and mitigate flood losses.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm
Goals:	2, 3
Risk Reduction:	Climate change will contribute to more frequent and severe weather events, and along with sea level rise, will exacerbate flooding.
Technical:	This action is technically feasible.
Political:	There is support from both the township committee as well as the county government for this action.
Legal:	No legal issues are anticipated however NJDEP approvals will be needed.
Environmental:	No negative impacts; positive improvements for environment.
Social:	This action will affect numerous sections of the township. It should not disrupt any neighborhoods.
Administrative Capability:	The majority of this action will be done by the Monmouth County Road Department with assistance from the Hazlet Township Road Dent.
Local Champion:	Hazlet Environmental Commission
Other Community Objectives:	Environmental quality and open space preservation.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$450,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Township Administrator
Local Planning Mechanism:	Master Plan and Open Space Plan
Likely Funding Source(s):	
Timeline:	
Action Status:	Withdrawn
Notes:	Action withdrawn; Contract was flawed.

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_04

Hazlet, 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:	Support resident applications and provide assistance to the fullest extent possible in regard to the elevation of existing properties within the flood zone and under the known elevations.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm
Goals:	2, 3, 5, 6
Risk Reduction:	During major storms; there are areas within the township where flooding occurs. Elevating homes above the best available flood data will reduce loss.
Technical:	This action is technically feasible.
Political:	There is support from both the township committee as well as the county government for this action.
Legal:	The administration has the authority to implement these programs.
Environmental:	No negative impacts; positive improvements for environment.
Social:	This action will affect over 1,000 households within the township and will not disrupt any neighborhoods.
Administrative Capability:	The majority of this action will be performed by the State of New Jersey under various grant programs.
Local Champion:	Hazlet Floodplain Administrator
Other Community Objectives:	Environmental quality and open space preservation.
STAPLEE Evaluation:	12

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Township Administrator
Local Planning Mechanism:	Master Plan and Open Space Plan, NJOEM
Likely Funding Source(s):	FEMA HMA
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; five homes are being elevated and the Township plans to mitigate the remaining three Repetitive Loss and Severe Repetitive Loss Properties.

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_05

Hazlet, Township of

Describing the Action

Action Name:	Purchase and Install Generators for Critical Facilities
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	Purchase, install, and maintain generators for First Aid, two generator upgrades and one new generator for fire houses, and a generator upgrade for the police station.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	1, 2, 3, 7
Risk Reduction:	Critical facilities in Hazlet Township can lose power during storm events.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	No legal impediments anticipated.
Environmental:	No adverse environmental impact anticipated.
Social:	Does not adversely affect any particular social group. Perceived by the public to be beneficial because the generators will help keep critical local services operational during emergencies.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	OEM, Police, Fire
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$500,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Township Emergency Services
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	1 year
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_06

Hazlet, Township of

Describing the Action

Action Name:	Develop a Natco Park Wildfire Protection Plan
Action Category:	Administrative
Action Type:	Local Plans and Regulations
HMA Eligible Activity:	Wildfire Mitigation
Action Description:	Coordinate with NJ Division of Fire Safety to develop and implement a community-wide wildfire protection plan for Natco Park. Examine paths to clear, emergency paths, and equipment needed to mitigate wildfire.

Evaluating the Action

Hazard(s) Addressed:	Extreme Wind, Wildfire
Goals:	1, 2, 3, 4, 5, 6, 7
Risk Reduction:	Risk of wildfire is high in Hazlet due to the location of critical facilities located in close proximity to forested areas.
Technical:	Technically feasible.
Political:	Politically acceptable and encouraged; plan will help to reduce risk of wildfire and better protect residents and property in the municipality.
Legal:	No legal issues anticipated.
Environmental:	Some environmental issues may arise; prescribed burns are typically beneficial for the environment but could endanger animal habitat.
Social:	Does not adversely affect any particular social group. Perceived by the public to be a good thing because it reduces risk for residents.
Administrative Capability:	Township has sufficient capacity and experience to administer this action
Local Champion:	Fire Chief, OEM
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$100,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Township Fire and Planning Departments
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	FEMA HMA
Timeline:	2 years
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_07

Hazlet, Township of

Describing the Action

Action Name:	Upgrade Surveillance System Software for the Township
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Upgrade the surveillance system software to be able to see a live feed of all municipally-owned critical facilities and commercial corridors.

Evaluating the Action

Hazard(s) Addressed:	Terrorism
Goals:	1, 2, 3, 5
Risk Reduction:	Critical facilities and commercial corridors are vulnerable to a terrorist attack or smaller crimes, such as vandalism; these areas need to be monitored by emergency responders and police officers.
Technical:	Action will not negatively impact function or operation of facilities.
Political:	No adverse political ramifications are expected.
Legal:	No legal impediments anticipated.
Environmental:	No adverse environmental impact anticipated.
Social:	No adverse social impact anticipated. The project is perceived as beneficial by the public as it will increase the reliability of operations.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	OEM, Council, Police
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$20,000.00
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Township Police
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Homeland Security grants
Timeline:	1 year
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_08

Hazlet, Township of

Describing the Action

Action Name:	Purchase Police Protective Gear
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Purchase additional police protective gear, such as helmets, outer vest carriers, ballistic vest to mitigate against the rise in terrorism.

Evaluating the Action

Hazard(s) Addressed:	Terrorism
Goals:	1, 3, 7
Risk Reduction:	Policemen are often the first responders to human-based hazards, such as terrorism, and need additional protection.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	No legal impediments anticipated.
Environmental:	No adverse environmental impact anticipated
Social:	No adverse social impact anticipated. The project is perceived as beneficial by the public as it will increase the reliability of operations.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	Police, OEM, 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:	Township Police
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Homeland Security grants, Municipal budget
Timeline:	1 year
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_09

Hazlet, Township of

Describing the Action

Action Name:	Upgrade Communication System between Fire and Police
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Upgrade communications police and fire departments by increasing the number of portable and mobile phones and having a base station.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	1, 2, 3, 7
Risk Reduction:	The Fire and Police Departments have difficulty with communications, security, and response time when there are power outages.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected
Legal:	No legal impediments anticipated.
Environmental:	No adverse environmental impacts anticipated.
Social:	Does not adversely affect any particular social group. Perceived by the public to be beneficial because police and fire responders serve an important function to residents during emergency events and disasters.
Administrative Capability:	Township has sufficient capacity and experience to administer this action
Local Champion:	Fire, Police, Council
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Administrator, Fire and Police Chiefs
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Homeland Security grants, Municipal budget
Timeline:	1 year
Action Status:	New
Notes:	

Monmouth County Mitigation Action Worksheets

Community Action Number: 18_10

Hazlet, Township of

Describing the Action

Action Name:	Join FEMA's CRS Program
Action Category:	Administrative
Action Type:	Education and Awareness Programs
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	Join CRS program to complete pro-active floodplain management and assist residents with flood insurance costs.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	8
Risk Reduction:	Community is at risk to nuisance flooding and storm-related flooding.
Technical:	Technically feasible.
Political:	Politically acceptable and encouraged in order to reduce flood insurance premiums for residents.
Legal:	No legal issues anticipated.
Environmental:	No adverse environmental effects from participation in CRS.
Social:	Does not adversely affect any particular social group. Perceived by the public to be a good thing because the participation provides a reduction in insurance premiums.
Administrative Capability:	Township has sufficient capacity and experience to administer this action.
Local Champion:	Borough Administrator
Other Community Objectives:	
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	
Priority:	High
Scale of Ease of Implementation:	Low
Responsible Party:	Borough of Highlands
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: 18_11

Hazlet, Township of

Describing the Action

Action Name:	Construct Flood Control Measures (e.g. floodwalls and small berms) Along Thornes Creek and Waackaack Creek to Mitigate Flooding in the West Keansburg Neighborhood
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) in areas that cannot be mitigated through non-structural activities or where structural activities are not feasible due to low densities.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 6
Risk Reduction:	The West Keansburg Neighborhood is a SFHA and is prone to flooding from the Thornes Creek and Waackaack Creek.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected
Legal:	No legal issues anticipated.
Environmental:	Minimal environmental impacts anticipated.
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:

Implementing the Action

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

Notes:

CAPABILITY ASSESSMENT WORKSHEET

Name: Thomas Horner

Title: OEM Coordinator

Jurisdiction: Hazlet Township

Organization: Hazlet OEM

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

Planning & Regulatory

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

Plan	Yes/No	1. 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	Yes	
Local Emergency Operations Plan	Yes	Part of county shared shelter plans
Continuity of Operations Plan		
Post-Disaster Recovery Plan	No	
Transportation Plan		
Stormwater Management Plan	Yes	
Community Wildfire Protection Plan	No	Currently out to bid for professional services.



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"> Getting to Resilience (2015) Rebuild by Design
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year: 2018 IRC
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	Score: 3 for 1 & 2 Family, 3 for Commercial
Fire Department ISO rating		Rating:
Site Plan Review Requirements	Yes	
Land Use Planning and Ordinances	Yes/No	Is the ordinance an effective measure for reducing hazard impacts? Is the ordinance adequately administered and enforced?
Zoning Ordinance	Yes	
Subdivision Ordinance	Yes	
Floodplain Ordinance	Yes	Flood Damage Prevention
Natural hazard ordinance (stormwater, steep slope, wildfire)		
Flood Insurance Rate Maps	Yes	
Acquisition of Land for Open Space and Public Recreation Uses	Yes	
Post-Disaster Recovery Ordinance	No	
Real Estate Disclose Ordinance	Yes	



CAPABILITY ASSESSMENT WORKSHEET

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

Administrative & Technical

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

Administration	Yes/No	Describe capability Is coordination effective?
Planning Commission	Yes	Land Use Board
Mitigation Planning Committee		
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	Clearing Drainage Systems
Mutual Aid Agreements	Yes	4 regions: MEP official Countywide program standard operating process
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	Construction Official, FT
Floodplain Administrator	Yes	
Emergency Manager	Yes	
Community Planner	Yes	



CAPABILITY ASSESSMENT WORKSHEET

Civil Engineer	Yes	
Surveyor	Yes	Consulting engineer
GIS Coordinator	Yes	Consulting engineer
Scientists familiar with the hazards of the community	No	Currently out to bid for professional service
Other	No	
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	Code red/Nixel civic ready Manul Sirens
Hazard Data and Information		
Grant Writing	No	
Hazus Analysis	No	
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	No	
Impact Fees for New Development	Yes	
Stormwater Utility Fee	N/A	
Incur Debt Through Private Activities	No	
Community Development Block Grant	Yes	
Other Federal Funding Programs	No	
State Funding Programs		
Other (e.g., withhold spending in hazard-prone areas)	Yes	Incur Debt through General Obligation
How can these capabilities be expanded and improved to reduce risk?		



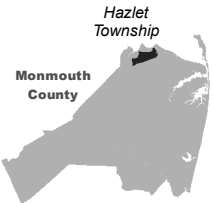
CAPABILITY ASSESSMENT WORKSHEET

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	Environmental Commission, Open Space Commission
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Hazlet Day, OEM website, Township website
Natural Disaster or Safety Related School Programs		
StormReady Certification		
Firewise Communities Certification		Out to bid for professional services
Public-Private Partnership Initiatives Addressing Disaster Related Issues		
Other	Yes	CRS
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 |

08501,700

Feet

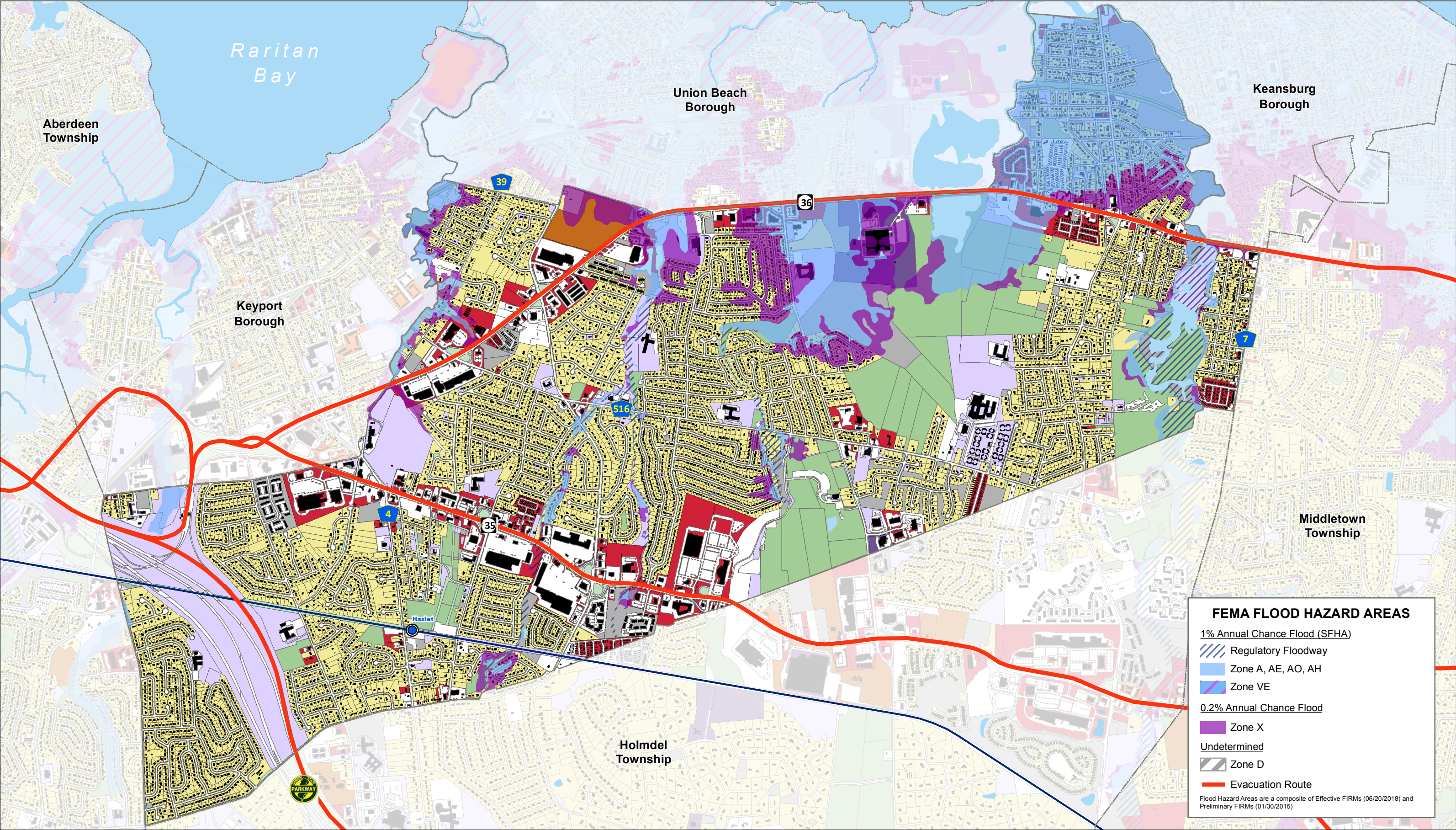
N

↑

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

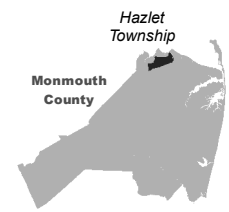
Undetermined

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

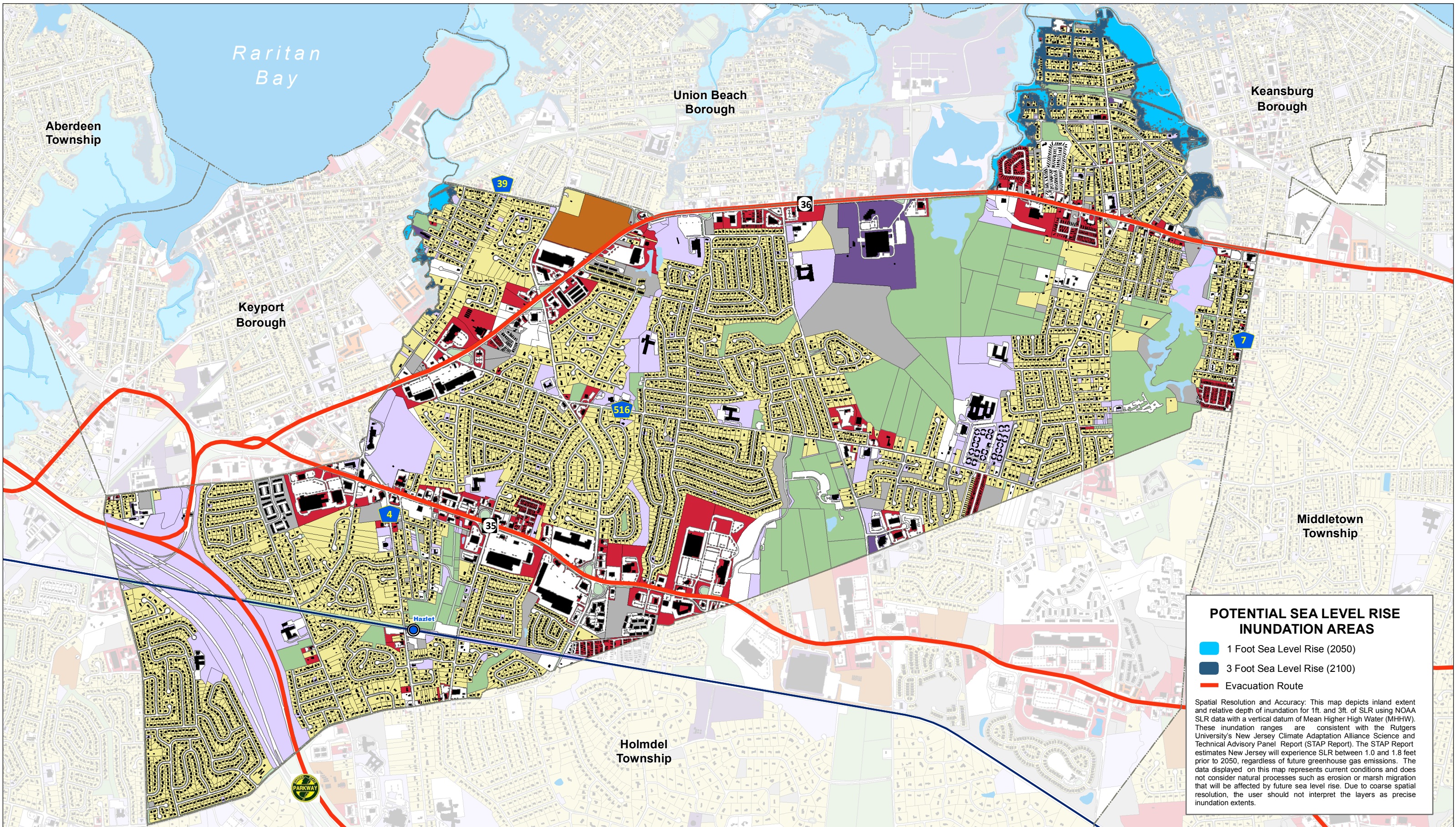
Industrial	Commercial	Apartment	Residential (four families or less)	
Farm	Vacant	Civic/Public (Tax Exempt)	Unclassified	Open Space

08501,700

Feet

N

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



POTENTIAL SEA LEVEL RISE INUNDATION AREAS

1 Foot Sea Level Rise (2050)

3 Foot Sea Level Rise (2100)

Evacuation Route

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



MEETING NOTES

Topic: Hazlet- Monmouth County HMP Meeting

Date: June 27, 2019

Time: 2:00 PM- 3:00 PM

Location: Hazlet Town Hall, 1766 Union Ave. Hazlet NJ 07730

Attendees: Chris Alcott, 2nd Assistant Chief - Fire

Tara Corcoran-Clark, Hazlet Township Committeewoman

Thomas Horner, OEM Coordinator

James Mckay, Town Committee

Philip Meehan, Chief of Police

Dennis Pino, Administrator

Joseph Sarro, Township Chief

Joseph Schroeck, 1st Assistant Chief - Fire

Ted Wittke, Deputy Chief

Brittany Ashman, MB Planner

Drafted by: Paige Kaspar

Introductions (Brittany):

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

2015 Mitigation Actions:

- Community Action 18_01 Stream corridor restoration Ongoing
 - Ongoing as needed



Monmouth County Multi-Jurisdictional Hazard Mitigation Plan Update



- When there are issues bring in the County
- Community Action 18_02 Improve stormwater drainage system capacity Ongoing
 - Purchased TV camera to check pipes
 - Ongoing inlets & catch basins (scheduled)
 - DPW software system on inlets & catch basins
- Community Action 18_03 Acquire property for open space - Withdrawn
 - Contract was flawed
- Community Action 18_04 Provide assistance to residents for home elevations Ongoing
 - 5 (estimate) are going up

2020 Mitigation Actions (NEW):

- 5 Generators for First Aid, 2 upgrades & 1 new for fire houses, upgrade generator for police station
- 6 Study of Natco Park on wildfire hazard, coordinate with NJ Fire on wildfire
 - Also look at creeks for possible flooding issues
 - Clear paths, emergency paths, equipment
- 7 Upgrade the surveillance system software to be able to see live deeds on all municipal buildings and commercial
- 8 Need for outer carries, helmets
- 9 Upgrade communications police & fire portables, mobiles, base station

Successes:



Monmouth County Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Hazlet Township

Date: 6/27/19

Initial	Last Name	First Name	Title	Organization	Email Address
	Hobler	Thomas	DEM Coordinator	Hazlet DEM	DMTHAZLET@GMAIL.COM
	WITTE	TED	DEPT CHIEF	HAZLET P.D.	TWITTE@HAZLET.PD.ORG
	McKay	James	Town Committee	Hazlet Town Committee	james_mckay@ic@yahoo.com
	MEYER	Philip	CHIEF OF POLICE	HAZLET P.D.	pmey@HAZLET.PD.ORG
	Alcott	Chris	2nd Asst. Chief	Hazlet fire 1	HAlcott391@gmail.com
	Schrock	Joseph J	1st Asst Chief	West Keensburg Fire Co.	wschrock@gmail.com
	Sarno	Joseph	Twp Chief	North Centerville Fire CO	jsarno@centervillefireco.org
	Ashman	Brittany	Planner	MB	
	Pinn	Dennis	Administrator	Hazlet Twp	dpinn@hazlettwp.org



Date: 6/27/19

[illegible]