

## *Appendix Vol I.13 Englishtown 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

**35** *Polices In-force*

**32** *Total Losses*

**\$654,932** *Total Payments*

**3** *Number of RL Properties*

**0** *Number Mitigated  
RL Properties*

**8** *RL - Total Losses*

**\$96,698** *RL - Total Paid*

**0** *Number of SRL Properties*

**0** *Number Mitigated SRL  
Properties*

**0** *SRL - Total Losses*

**\$0** *SRL - Total Paid*

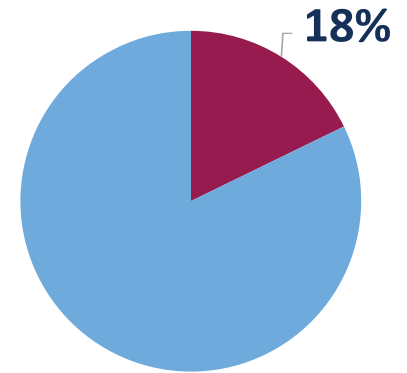


## Critical Facilities

**6** *Critical Facilities*

**0** *Critical Infrastructure*

**28** *Historic & Cultural Resources*



Percent Land Area Within SFHA

**7**

*Total Mitigation  
Actions*

**1**



*Education and Awareness Programs*

**5**



*Structure and Infrastructure Projects*

**0**



*Local Plans and Regulations*

**1**



*Natural Systems Protection*



**0** *SV Population At Risk (2017)*

**379** *Population at Risk (2017)*

Englishtown, 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 |
|--------------------|---|--|-------------------------------|--------------------------------------|---|----------|------------------------|---|---|----------------|-----------|---------------|
| 13_01              | Clean and De-snag Weamaconk Creek and McGellairds Brook   | Use stream restoration to ensure adequate drainage and diversion of stormwater. Conduct routine stream maintenance to remove sediment, debris, and fallen trees. Coordinate with County Engineering and Mosquito Control Commission to perform stream cleaning and maintenance.  | Maintenance/Response/Recovery | Natural Systems Protection           | Flood, Nor'easter, Hurricane and Tropical Storm   | Medium   | Low                    | Borough Engineer                                | Municipal budget  | \$20,000.00    | 1 year    | Ongoing       |
| 13_02              | Purchase and Install Emergency Generators and ATS for Water Wells, Treatment Facilities, and DPW Garage   | Installation of emergency generator and ATS to power the water wells, treatment facilities, and DPW Garage to supply potable water and fire protection to the Borough's water customers in time of power outages which can occur during all types of natural hazard events but have been most common during high wind events, hurricanes and tropical storms, and nor'easters.   |                               | Structure and Infrastructure Project | All Hazards   |          |                        | Borough Engineer                                |   | \$100,000.00   |           | Completed     |
| 13_03              | Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties | FEMA's Repetitive Loss List and Severe Repetitive Loss List. New Jersey is committed to continuing the reduction of RL and SRL properties in the State; in turn, they have assigned a high priority to mitigating SRL and RL properties in the State Hazard Mitigation Plan. We are committed to supporting these projects as interested homeowners come forward and will support such homeowners, despite the loss in tax revenue, because we recognize the importance of making our community more disaster-resistant and reducing the financial burden of repetitive flooding in our community. | Mitigation - Risk Reduction   | Structure and Infrastructure Project | Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm | High     | Medium                 | Construction Official and Borough Administrator | FEMA HMA  |                | 3 years   | Ongoing       |
| 13_04              | Repair Dam and Bulkhead at Lake Weamaconk   | The dam and bulkhead located under Main Street are in poor condition and need significant repairs. There is also stream erosion 50 feet from the dam and bulkhead along the banks of Lake Weamaconk.   | Mitigation - Risk Reduction   | Structure and Infrastructure Project | Dam Failure, Flood, Nor'easter, Hurricane and Tropical Storm                            | High     | High                   | Monmouth County and the Borough of Englishtown  | FEMA HMA, County grants, NJDEP Bureau of Dam Safety and Flood Control | \$1,000,000.00 | 1 year    | New           |
| 13_05              | Dredge Lake Weamaconk   | Upstream development has caused a lot of sediment deposits in the lake.  | Maintenance/Response/Recovery | Structure and Infrastructure Project | Flood, Nor'easter, Hurricane and Tropical Storm   | High     | Low                    | Borough   | Municipal budget  |                | 5 + years | New           |
| 13_06              | Increase Security at Borough Hall and the Water Treatment Plant   | Upgrade the surveillance camera system at Borough Hall and install surveillance cameras at the Water Treatment Plant.  | Maintenance/Response/Recovery | Structure and Infrastructure Project | Terrorism   | High     | Low                    | Borough and Private Water Company               | Homeland Security grants  |                | 1 year    | New           |
| 13_07              | Implement a Reverse 911 System  | Currently, the Borough has a Nixle system set up to warn residents of any emergency, but a Reverse 911 system would improve community awareness.   | Maintenance/Response/Recovery | Education and Awareness Programs     | All Hazards   | Medium   | Low                    | Borough   | Municipal budget  |                | 1 year    | New           |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_01

Englishtown, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Clean and De-snap Weamaconk Creek and McGellairds Brook   |
| Action Category:       | Maintenance/Response/Recovery   |
| Action Type:           | Natural Systems Protection  |
| HMA Eligible Activity: | Miscellaneous/Other/NA  |
| Action Description:    | Use stream restoration to ensure adequate drainage and diversion of stormwater. Conduct routine stream maintenance to remove sediment, debris, and fallen trees. Coordinate with County Engineering and Mosquito Control Commission to perform stream cleaning and maintenance. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | Flood, Nor'easter, Hurricane and Tropical Storm  |
| Goals:                      | 2, 5, 6  |
| Risk Reduction:             | Heavy sediments deposits, debris, and fallen trees in segments of Weamaconk Creek and McGellairds Brook contribute to flooding of properties during heavy rain events, nor'easters, hurricanes, and the spring thaw. |
| Technical:                  | This mitigation action is technically feasible.  |
| Political:                  | There is both political and public support for this mitigation action.   |
| Legal:                      | The Borough can implement this mitigation action with the proper permits.  |
| Environmental:              | No adverse environmental impact anticipated.   |
| Social:                     | This mitigation action will have no social impacts.  |
| Administrative Capability:  | Outside help to implement this mitigation action will be necessary.  |
| Local Champion:             | The Mayor and Council will advocate for this mitigation action.  |
| Other Community Objectives: | This mitigation action improves the quality of life to property owners adjacent to the streams that traverse the Borough.  |
| STAPLEE Evaluation:         | N/A  |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$20,000.00   |
| Priority:                        | Medium  |
| Scale of Ease of Implementation: | Low   |
| Responsible Party:               | Borough Engineer  |
| Local Planning Mechanism:        | Permits and coordination with County agencies.  |
| Likely Funding Source(s):        | Municipal budget  |
| Timeline:                        | 1 year  |
| Action Status:                   | Ongoing   |
| Notes:                           | Ongoing action from 2015; still a priority for the Borough and seeking funding opportunities. |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_02

Englishtown, Borough of

## Describing the Action

|                        |  |
|------------------------|--|
| Action Name:           | Purchase and Install Emergency Generators and ATS for Water Wells, Treatment Facilities, and DPW Garage  |
| Action Category:       |  |
| Action Type:           | Structure and Infrastructure Project   |
| HMA Eligible Activity: | Generators   |
| Action Description:    | Installation of emergency generator and ATS to power the water wells, treatment facilities, and DPW Garage to supply potable water and fire protection to the Borough's water customers in time of power outages which can occur during all types of natural hazard events but have been most common during high wind events, hurricanes and tropical storms, and nor'easters. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | All Hazards  |
| Goals:                      | 7  |
| Risk Reduction:             | Downed trees on power lines contribute to power outages during severe storms with high winds such as nor'easters, hurricanes, tropical storms, etc. Climate change will contribute to more /request and severe weather events. |
| Technical:                  | This mitigation action is technically feasible.  |
| Political:                  | There is both political and public support for this mitigation action.   |
| Legal:                      | The Borough can implement this mitigation action with the proper permits.  |
| Environmental:              | There are no environmental impacts associated with this mitigation action.   |
| Social:                     | This mitigation action will have no social impacts.  |
| Administrative Capability:  | The Borough can implement this mitigation action with its personnel.   |
| Local Champion:             | The Mayor and Council, and OEM, will advocate far this mitigation action.  |
| Other Community Objectives: | This mitigation action improves the quality of life to property owners adjacent to the streams that traverse the Borough.  |
| STAPLEE Evaluation:         | N/A  |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$100,000.00  |
| Priority:                        |   |
| Scale of Ease of Implementation: |   |
| Responsible Party:               | Borough Engineer  |
| Local Planning Mechanism:        | Bid documents.  |
| Likely Funding Source(s):        |   |
| Timeline:                        |   |
| Action Status:                   | Completed   |
| Notes:                           | The Water Treatment Plant, DPW Garage, Water Storage Tanks were awarded HMGP funding of \$97,500. |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_03

Englishtown, 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:    | FEMA's Repetitive Loss List and Severe Repetitive Loss List. New Jersey is committed to continuing the reduction of RL and SRL properties in the State; in turn, they have assigned a high priority to mitigating SRL and RL properties in the State Hazard Mitigation Plan. We are committed to supporting these projects as interested homeowners come forward and will support such homeowners, despite the loss in tax revenue, because we recognize the importance of making our community more disaster-resistant and reducing the financial burden of repetitive flooding in our community. |

## Evaluating the Action

|                             |   |
|-----------------------------|---|
| Hazard(s) Addressed:        | Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge, Winter Storm   |
| Goals:                      | 2, 3, 4, 5, 6, 7  |
| Risk Reduction:             | Several residential structures throughout the community are prone to flooding, with their main floor elevations below current BFEs. Englishtown has a lower elevation than the adjacent municipalities and has a high water table causing frequent flooding for properties along the Weamaconk Creek and McGellairds Brook. |
| Technical:                  | Elevation, acquisition, or outreach on mitigation grants are technically feasible.  |
| Political:                  | Political leadership supports this type of project.   |
| Legal:                      | While the municipality does not own the structures in question, the Borough fully supports the homeowners moving forward with mitigation.   |
| 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:  | Administrative capabilities to manage an elevation, acquisition project, or outreach.   |
| Local Champion:             | Affected homeowners, elected officials.   |
| Other Community Objectives: | Improve and protect lifestyles of residents, reduction of costly property damage, resiliency, floodplain management, and capital improvements.  |
| STAPLEE Evaluation:         | 11  |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   |   |
| Priority:                        | High  |
| Scale of Ease of Implementation: | Medium  |
| Responsible Party:               | Construction Official and Borough Administrator   |
| Local Planning Mechanism:        | Homeowners; Mayor; Council; Administrator; Engineer; local ordinance; Hazard Mitigation Plan  |
| Likely Funding Source(s):        | FEMA HMA  |
| Timeline:                        | 3 years   |
| Action Status:                   | Ongoing   |
| Notes:                           | Ongoing action from 2015; there are three properties on the Repetitive Loss list and the Borough plans to work with property owners to mitigate these structures. One property owner could not afford a previous grant that required paying upfront for the cost to mitigate (reimbursement grant). |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_04

Englishtown, Borough of

## Describing the Action

|                        |  |
|------------------------|--|
| Action Name:           | Repair Dam and Bulkhead at Lake Weamaconk  |
| Action Category:       | Mitigation - Risk Reduction  |
| Action Type:           | Structure and Infrastructure Project   |
| HMA Eligible Activity: | Infrastructure Retrofit  |
| Action Description:    | The dam and bulkhead located under Main Street are in poor condition and need significant repairs. There is also stream erosion 50 feet from the dam and bulkhead along the banks of Lake Weamaconk. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | Dam Failure, Flood, Nor'easter, Hurricane and Tropical Storm   |
| Goals:                      | 1, 2, 4, 5, 6, 7   |
| Risk Reduction:             | If the dam and bulkhead fail, there will be extreme flooding in the southern portion of the Borough and into Manalapan Township.   |
| Technical:                  | This mitigation action is technically feasible.  |
| Political:                  | No adverse political ramifications are expected.   |
| Legal:                      | The State determined that the Borough is responsible for half of the dam/bulkhead repairs and the County is responsible for the other half of the repairs. Ongoing coordination with the County. |
| Environmental:              | No adverse environmental impact anticipated.   |
| Social:                     | Does not adversely affect any particular social group.   |
| Administrative Capability:  | Borough has sufficient capacity to administer this action.   |
| Local Champion:             | OEM, Engineer  |
| Other Community Objectives: |  |
| STAPLEE Evaluation:         | 9  |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$1,000,000.00  |
| Priority:                        | High  |
| Scale of Ease of Implementation: | High  |
| Responsible Party:               | Monmouth County and the Borough of Englishtown                        |
| Local Planning Mechanism:        | Hazard Mitigation Plan  |
| Likely Funding Source(s):        | FEMA HMA, County grants, NJDEP Bureau of Dam Safety and Flood Control |
| Timeline:                        | 1 year  |
| Action Status:                   | New   |
| Notes:                           |   |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_05

Englishtown, Borough of

## Describing the Action

Action Name: Dredge Lake Weamaconk

Action Category: Maintenance/Response/Recovery

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Miscellaneous/Other/NA

Action Description: Upstream development has caused a lot of sediment deposits in the lake.

## Evaluating the Action

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

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

Risk Reduction: If the lake cannot hold water from upstream, properties along the lake will flood and Weamaconk Creek will experience more frequent flooding.

Technical: This mitigation action is 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: Borough has sufficient capacity to administer this action.

Local Champion: OEM, Engineer

Other Community Objectives:

STAPLEE Evaluation: N/A

## Implementing the Action

Cost Estimate:

Priority: High

Scale of Ease of Implementation: Low

Responsible Party: Borough

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): Municipal budget

Timeline: 5 + years

Action Status: New

Notes:



# Monmouth County Mitigation Action Worksheets

Community Action Number: 13\_06

Englishtown, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Increase Security at Borough Hall and the Water Treatment Plant   |
| Action Category:       | Maintenance/Response/Recovery   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Miscellaneous/Other   |
| Action Description:    | Upgrade the surveillance camera system at Borough Hall and install surveillance cameras at the Water Treatment Plant. |

## Evaluating the Action

|                             |   |
|-----------------------------|---|
| Hazard(s) Addressed:        | Terrorism   |
| Goals:                      | 2, 3, 7   |
| Risk Reduction:             | The surveillance cameras at Borough Hall recently crashed and need a system upgrade. The Water Treatment Center needs a remote surveillance camera system to prevent potential contamination. |
| Technical:                  | This mitigation action is technically feasible.   |
| Political:                  | No adverse political ramifications are expected.  |
| Legal:                      | The Borough will work with the private water company on increasing security.  |
| Environmental:              | No adverse environmental impact anticipated.  |
| Social:                     | Does not adversely affect any particular social group.  |
| Administrative Capability:  | Borough has sufficient capacity to administer this action.  |
| Local Champion:             | OEM/Police  |
| Other Community Objectives: |   |
| STAPLEE Evaluation:         | N/A   |

## Implementing the Action

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Cost Estimate:                   |                                   |
| Priority:                        | High                              |
| Scale of Ease of Implementation: | Low                               |
| Responsible Party:               | Borough and Private Water Company |
| 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: 13\_07

Englishtown, Borough of

## Describing the Action

|                        |  |
|------------------------|--|
| Action Name:           | Implement a Reverse 911 System   |
| Action Category:       | Maintenance/Response/Recovery  |
| Action Type:           | Education and Awareness Programs   |
| HMA Eligible Activity: | Miscellaneous/Other/NA   |
| Action Description:    | Currently, the Borough has a Nixle system set up to warn residents of any emergency, but a Reverse 911 system would improve community awareness. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | All Hazards  |
| Goals:                      | 1, 2, 3, 4, 5, 6, 7  |
| Risk Reduction:             | This action would improve communications of possible risks to the community. |
| Technical:                  | This mitigation action is technically feasible.                              |
| Political:                  | No adverse political ramifications are expected.                             |
| Legal:                      | No legal impediments anticipated.  |
| Environmental:              | No adverse environmental impact anticipated.                                 |
| Social:                     | This action would improve communications for all residents.                  |
| Administrative Capability:  | Borough has sufficient capacity to administer this action.                   |
| Local Champion:             | OEM/Police   |
| Other Community Objectives: |  |
| STAPLEE Evaluation:         | N/A  |

## Implementing the Action

|                                  |                        |
|----------------------------------|------------------------|
| Cost Estimate:                   |                        |
| Priority:                        | Medium                 |
| Scale of Ease of Implementation: | Low                    |
| Responsible Party:               | Borough                |
| Local Planning Mechanism:        | Hazard Mitigation Plan |
| Likely Funding Source(s):        | Municipal budget       |
| Timeline:                        | 1 year                 |
| Action Status:                   | New                    |
| Notes:                           |                        |

## CAPABILITY ASSESSMENT WORKSHEET

Name: Peter Cooke

Title: OEM Coordinator

Jurisdiction: Borough of Englishtown

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?<br>2. Does the plan address hazards?<br>3. Does the plan identify projects to include in the mitigation strategy?<br>4. Can the plan be used to implement mitigation actions? |
|------------------------------------|--------|---|
| Comprehensive/Master Plan          |        |   |
| Capital Improvements Plan          | No     |   |
| Economic Development Plan          |        |   |
| Local Emergency Operations Plan    | Yes    | 2017  |
| Continuity of Operations Plan      | No     |   |
| Post-Disaster Recovery Plan        | No     |   |
| Transportation Plan                | No     |   |
| Stormwater Management Plan         | Yes    | 2005  |
| Community Wildfire Protection Plan | No     |   |



## CAPABILITY ASSESSMENT WORKSHEET

|  |               |  |
|--|---------------|--|
| Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation) |               |  |
| <b>Building Code, Permitting, and Inspections</b>  | <b>Yes/No</b> | <b>Are codes adequately enforced?</b>  |
| Building Code  |               | Version/Year:  |
| Building Code Effectiveness Grading Schedule (BCEGS) Score   |               | Score:   |
| Fire Department ISO rating   |               | Rating:  |
| Site Plan Review Requirements  |               |  |
| <b>Land Use Planning and Ordinances</b>  | <b>Yes/No</b> | <b>Is the ordinance an effective measure for reducing hazard impacts?<br/>Is the ordinance adequately administered and enforced?</b> |
| Zoning Ordinance   | Yes           |  |
| Subdivision Ordinance  | Yes           |  |
| Floodplain Ordinance   |               |  |
| Natural hazard ordinance (stormwater, steep slope, wildfire)   |               |  |
| Flood Insurance Rate Maps  | Yes           |  |
| Acquisition of Land for Open Space and Public Recreation Uses  |               |  |
| Post-Disaster Recovery Ordinance   |               |  |
| Real Estate Disclose Ordinance   |               |  |



## CAPABILITY ASSESSMENT WORKSHEET

|  |  |  |
|--|--|--|
| Other (ie. Special Purposes Ordinance)   |  |  |
| <b>How can the above capabilities be expanded and improved to reduce risk?</b> |  |  |
|  |  |  |

### 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<br>Is coordination effective?  |
|--|-----------------|--|
| Planning Commission  | Yes             |  |
| Mitigation Planning Committee  |                 |  |
| Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems) |                 |  |
| Mutual Aid Agreements  |                 |  |
| Staff  | Yes/No<br>FT/PT | Is the staff full time or part time?<br>Is staffing adequate to enforce regulations?<br>Is the staff trained on hazards and mitigation?<br>Is coordination between agencies and staff effective? |
| Chief Building Official  | Yes             | PT, State  |
| Floodplain Administrator   | Yes             | PT   |
| Emergency Manager  | Yes             | PT   |
| Community Planner  | Yes             | PT   |



## CAPABILITY ASSESSMENT WORKSHEET

|  |               |  |
|--|---------------|--|
| Civil Engineer   | Yes           | PT   |
| Surveyor   |               |  |
| GIS Coordinator  |               |  |
| Scientists familiar with the hazards of the community                          |               |  |
| Other  |               |  |
| <b>Technical</b>   | <b>Yes/No</b> | <b>Describe capability<br/>Has capability been used to access/mitigate risk in the past?</b> |
| Warning Systems/Services<br>(Reverse 911, outdoor warning signals)             | Yes           | Nixel  |
| Hazard Data and Information  | Yes           | Municipal OEM website;   |
| Grant Writing  | Yes           | OEM and Planner write grants   |
| Hazus Analysis   |               |  |
| Other  |               |  |
| <b>How can the above capabilities be expanded and improved to reduce risk?</b> |               |  |
|  |               |  |



## 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?<br>Could the resource be used to fund future mitigation actions? |
|--|-------------------------------|--|
| Capital Improvements Project Funding                                       |                               |  |
| Authority to Levy Taxes for Specific Purposes                              |                               |  |
| Fees for Water, Sewer, Gas, or Electric Services                           |                               |  |
| Impact Fees for New Development  |                               |  |
| Stormwater Utility Fee   |                               |  |
| Incur Debt Through Private Activities                                      |                               |  |
| Community Development Block Grant  |                               |  |
| Other Federal Funding Programs   |                               |  |
| State Funding Programs   |                               |  |
| Other (e.g., withhold spending in hazard-prone areas)                      |                               |  |
| <b>How can these capabilities be expanded and improved to reduce risk?</b> |                               |  |
|  |                               |  |



## 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.<br>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   |        |  |
| <b>How can these capabilities be expanded and improved to reduce risk?</b>  |        |  |
|   |        |  |







Building Classification

Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Parcel Classification

Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Open Space

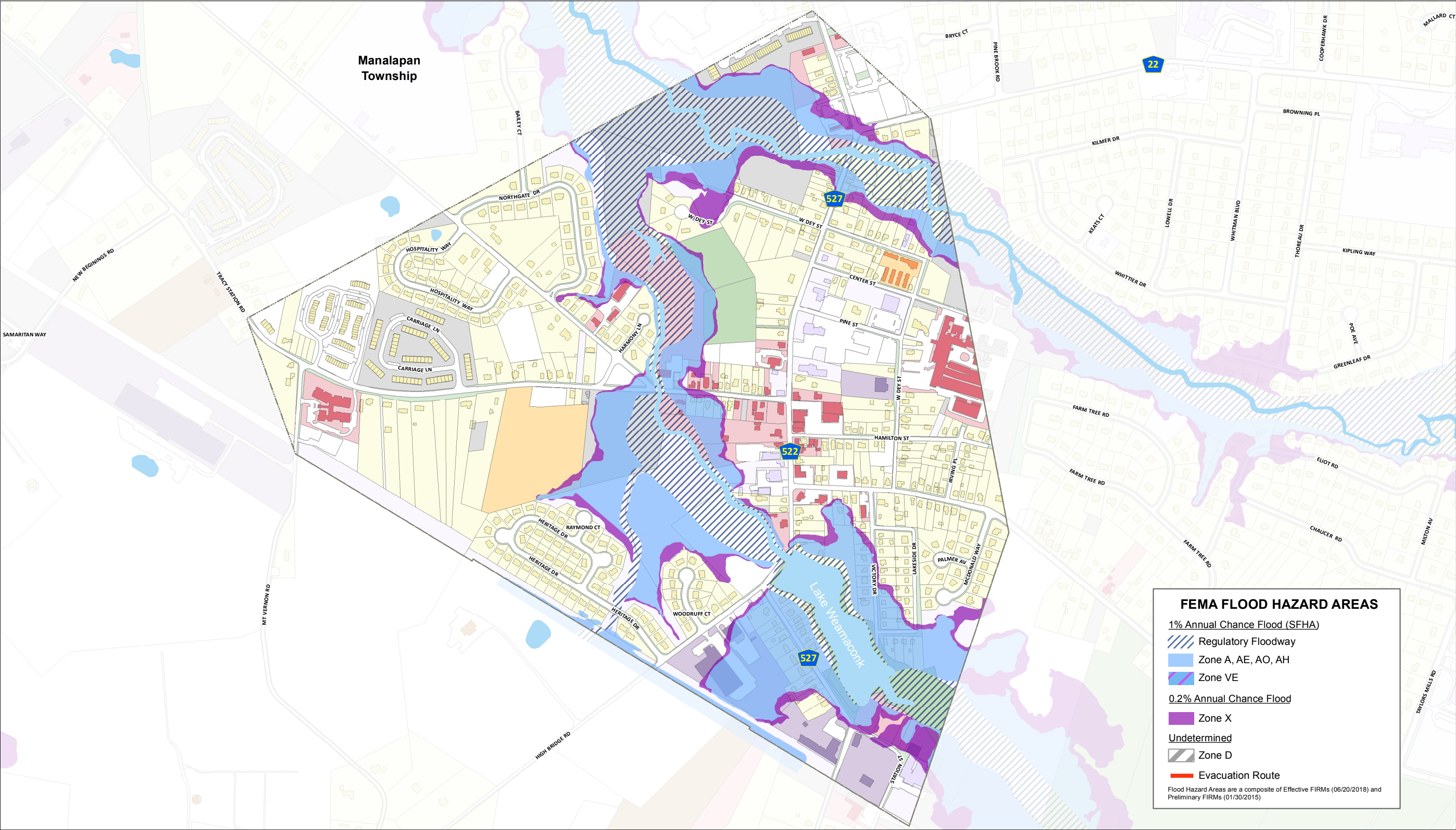
0300600

Feet

N

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

Projection: New Jersey State Plane, NAD 1983



FEMA FLOOD HAZARD AREAS

1% Annual Chance Flood (SFHA)

Regulatory Floodway

Zone A, AE, AO, AH

Zone VE

0.2% Annual Chance Flood

Zone X

Undetermined

Zone D

Evacuation Route

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





Building Classification

Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Parcel Classification

Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Open Space

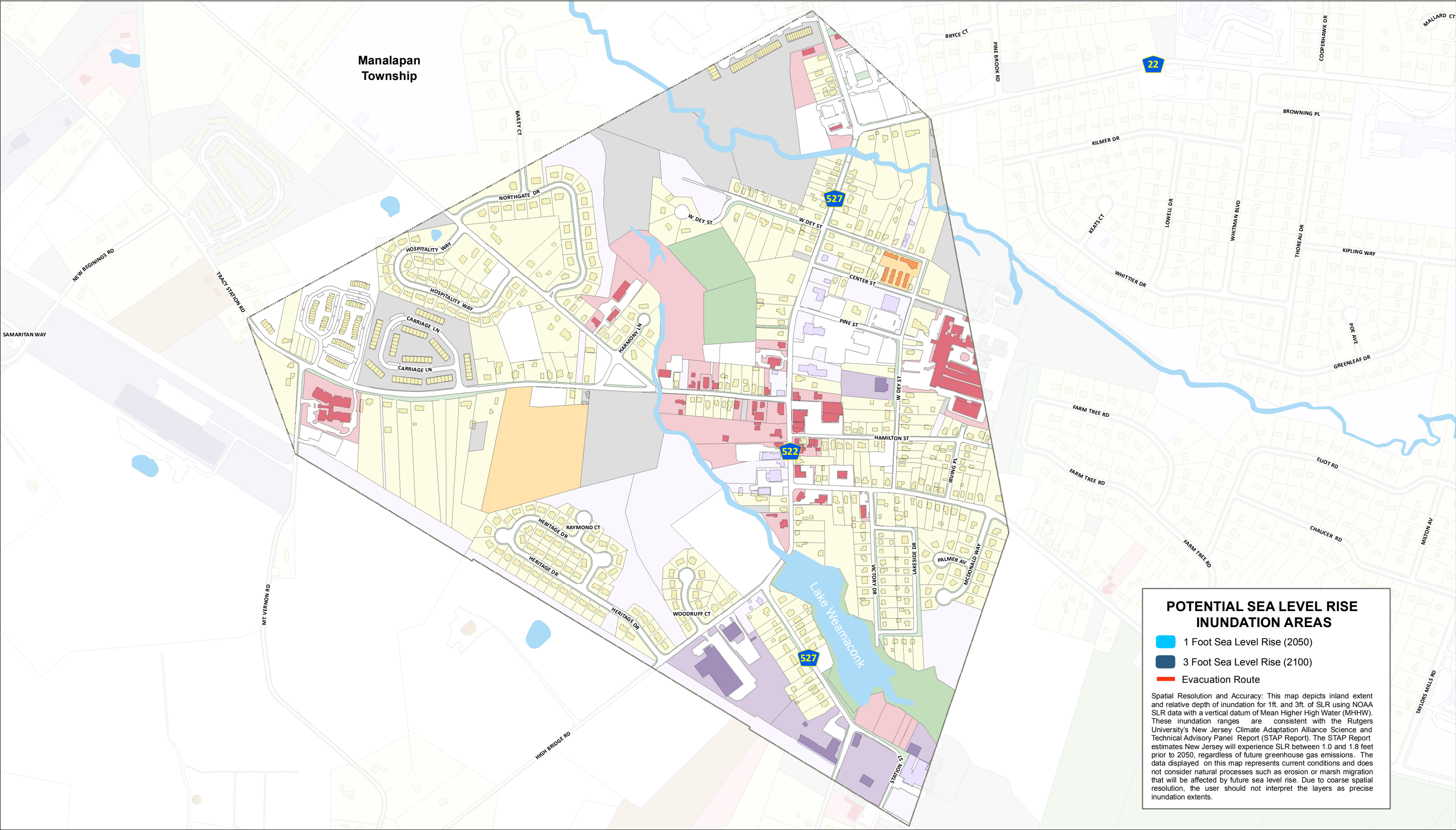
0300600

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

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**Topic:** Englishtown- Monmouth County HMP Meeting

**Date:** July 9, 2019

**Time:** 11:00 AM- 11:30 AM

**Location:** Conference Call

**Attendees:** Peter Cooke, Chief of Police/OEM

Tom Herits, Engineer

Brittany Ashman, MB Planner

Paige Kaspar, MB Planner

**Drafted by:** Paige Kaspar

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### **Introductions (Brittany):**

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

### **2015 Mitigation Actions:**

- Action 1: Stream Restoration at Weamaconk Creek and McGellairds Brook→ Ongoing action from 2015; still a priority for the Borough and seeking funding opportunities.
- Action 2: Emergency Generators and ATS for Water Wells, Treatment Facilities, and DPW Garage→ Completed
- Action 3: Mitigate Repetitive Loss and Flood prone Properties→ Ongoing action from 2015; there are three properties on the Repetitive Loss list and the Borough plans to work with property owners to mitigate these structures. One property owner could not afford a previous grant that required paying upfront for the cost to mitigate (reimbursement grant).

### **2020 Mitigation Actions:**

- **Action 4:** Dam and Bulkhead Repair→ The dam and bulkhead located under Main Street are in poor condition and need significant repairs. There is also stream erosion 50 feet from the dam and bulkhead along the banks of Lake Weamaconk.



## Monmouth County Multi-Jurisdictional Hazard Mitigation Plan Update



**Michael Baker**  
INTERNATIONAL

- **Action 5:** Dredge Lake Weamaconk → Upstream development has caused a lot of sediment deposits in the lake.
- **Action 6:** Increase Security at Borough Hall and the Water Treatment Plant → Upgrade the surveillance camera system at Borough Hall and install surveillance cameras at the Water Treatment Plant.
- **Action 7:** Implement a Reverse 911 System → Currently, the Borough has a Nixle system set up to warn residents of any emergency, but a Reverse 911 system would improve community awareness.

[illegible]