



9.15 Town of East Hampton

This section presents the jurisdictional annex for the Town of East Hampton. It includes resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. This annex includes a general overview of the municipality and who in the Town participated in the planning process; an assessment of the Town of East Hampton’s risk and vulnerability; the different capabilities utilized in the Town; and an action plan that will be implemented to achieve a more resilient community.

9.15.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of East Hampton’s hazard mitigation plan primary and alternate points of contact.

Table 9.15-1. Hazard Mitigation Planning Team

| Primary Point of Contact | Alternate Point of Contact |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name/Title: Bruce Bates, Emergency Preparedness Coordinator Address: PO Box 1495 East Hampton, NY 11937 Phone Number: 631-767-2648 Email: BBates@EHamptonNY.Gov | Name/Title: Kent Howie, Deputy Emergency Preparedness Coordinator Address: PO Box 2187 Amagansett, NY 11930 Phone Number: 516-380-3169 Email: exchief214@gmail.com |
| NFIP Floodplain Administrator | |
| Name/Title: Ann Glennon, Principal Building Inspector Address: 300 Pantigo Place Ste. 104 East Hampton, NY 11937 Phone Number: 631-324-4145 Email: aglennon@ehamptonny.gov | |

9.15.2 Municipal Profile

The Town of East Hampton was established in 1788 by the State as a separate entity vested with independent taxing and debt authority. The first settlement within the present jurisdiction of the Town was made in 1639, but organized settlement did not take place until 1648. The original name of the Town was Maidstone and fourteen years later became known as East Hampton.

The Town of East Hampton is the easternmost town on Long Island. It encompasses a land area of 70 square miles on Long Island’s South Fork and has almost 70 miles of waterfront on three sides. The Town is bordered by the Town of Southampton to the West, the Atlantic Ocean to the East and South, and Gardiner’s Bay to the North.

The legislative power of the Town is vested in the Town Board, which consists of five people, including the Town Supervisor.

According to the U.S. Census, the 2010 population for the Town of East Hampton was 18,205. The estimated 2017 population was 18,685, a 2.6 percent increase from the 2010 Census. Data from the 2017 U.S. Census American Community Survey indicate that 3.4 percent of the population is 5 years of age or younger and 25.0 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.15.3 Growth/Development Trends





Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.15-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. The figures at the end of this annex illustrate the geographically-delineated hazard areas and the location of potential new development, where available. The recent and anticipated development depicted on these figures excludes the Suffolk County wastewater upgrades; refer to Section 4 (County Profile) for additional information on this development.

Table 9.15-2. Recent and Expected Future Development

| Type of Development | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------|--------------|-----------------------------------------|--------------|--------------------------------------------------------------------------|--------------|-------------------------------------|--------------|--------------------|--------------|--------------------|
| Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain) | | | | | | | | | | | | |
| | Total | Within SFHA | Total | Within SFHA | Total | Within SFHA | Total | Within SFHA | Total | Within SFHA | Total | Within SFHA |
| Single Family | 78 | 0 | 130 | 0 | 117 | 0 | 123 | 0 | 111 | 0 | 83 | 0 |
| Multi-Family | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Other (commercial, mixed-use, etc.) | 0 | 0 | 21 | 0 | 29 | 0 | 36 | 0 | 43 | 0 | 43 | 2 |
| Total Permits Issued | 78 | 0 | 151 | 0 | 146 | 0 | 159 | 0 | 154 | 0 | 128 | 2 |
| Property or Development Name | Type of Development | # of Units / Structures | | Location (address and/or block and lot) | | Known Hazard Zone(s)* | | Description / Status of Development | | | | |
| Recent Major Development and Infrastructure from 2015 to Present | | | | | | | | | | | | |
| EH Housing Authority | Residential | 37 units | | 531 Montauk Highway; 300-172-2-33.1 | | NEHRP Class D, Landslide high susceptibility, Wildfire interface, X zone | | Under construction | | | | |
| EH Housing Authority | Residential | 16 units | | 181 Accabonac Road; 300-162-5-22.1 | | NEHRP Class D, Landslide high susceptibility, Wildfire interface, X zone | | Complete | | | | |
| Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years | | | | | | | | | | | | |
| None anticipated | | | | | | | | | | | | |

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.15.4 Capability Assessment

The Town of East Hampton performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:





- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Information on National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.
- The community’s adaptive capacity for the impacts of climate change.’’16200’

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized in Capability Assessment (Section 9.15.4). The Town of East Hampton identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Appendix G provides the results of the planning/policy document review and the answers to integration survey questions.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of East Hampton and where hazard mitigation has been integrated.

Table 9.15-3. Planning, Legal, and Regulatory Capability

| | Do you have this? (Yes/No) | Code Citation and Date (code chapter, name of plan, date of plan) | Authority (local, county, state, federal) | Department / Agency Responsible | State Mandated | Has this been integrated? | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------|-------------------------------------------|------------------------------------------|----------------|---------------------------|----------------------------------------|
| | | | | | | Yes | If no - can it be a mitigation action? |
| Codes, Ordinances, & Requirements | | | | | | | |
| Building Code | Yes | Building Construction Code Chapter 102 | Local and County | EHT Building Department | Yes | Yes | - |
| Comment: This local law provides for the administration and enforcement of the New York State Uniform Fire Prevention and Building Code ("Uniform Code") and the State Energy Conservation Construction Code ("Energy Code") in the Town of East Hampton. This local law is adopted pursuant to Section 10 of the Municipal Home Rule Law. Except as otherwise provided in the Uniform Code, other state law, or other section of this local law, all buildings, structures, and premises, regardless of use or occupancy, are subject to the provisions of this local law. | | | | | | | |
| Zoning Code | Yes | Zoning Chapter 255 (1957) | Local and County | EHT Zoning Board and Planning Department | No | Yes | - |
| Comment: The Zoning Code provides for: <ul style="list-style-type: none"> A. Orderly growth: to guide and regulate the orderly growth, development and redevelopment of the Town in accordance with a Comprehensive Plan and the long-range objectives, principles and goals set forth therein as beneficial to the interests of the people. B. Protection of neighborhoods: to protect the established character of neighborhoods, especially residential neighborhoods, the social and economic well-being of residents and the value of private and public property. C. Proper use of land: to promote, in the public interest, the utilization of land for the purposes for which it is the most appropriate and to protect and responsibly promote public access to and usage of publicly owned lands and waters. D. Affordable housing: to provide for affordable housing of the type and in the locations where the same will be most beneficial to those Town residents of low and moderate income who wish to continue to live and work in East Hampton, but who find that escalating real estate values make it difficult or impossible for them to do so. E. Preservation: to promote in the public interest the preservation of prime agricultural land, productive wetlands, protective barrier dunes and beaches, unique vegetation, important animal habitats and other natural resources and man-made features of historical, environmental or cultural significance to the community. F. Water recharge: to secure through the regulation of land use in morainal water recharge areas and by other means the maximum recharge of the Town's fresh groundwater reservoir and thereby to assure a permanently adequate supply of wholesome and pure water for use by the human community as well as a continuing natural balance and integrity of existing ecosystems in the Town. G. Clean water: to protect and promote the fisheries and resort industries of the Town by perpetuating and, where necessary, restoring a healthful biological and chemical balance throughout the Town's waters, including its bays, harbors, wetlands, estuaries, ponds, streams, kettleholes and other bogs, natural drainage channels and watercourses, as well as in the adjacent sounds and | | | | | | | |



| | Do you have this? (Yes/No) | Code Citation and Date (code chapter, name of plan, date of plan) | Authority (local, county, state, federal) | Department / Agency Responsible | State Mandated | Has this been integrated? | |
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| | | | | | | If no - can it be a mitigation action? | |
| <p>ocean.</p> <p>H. Safety and health: to secure safety from fire, panic, flood, storm and other dangers, to provide adequate light, air and convenience of access for all properties, to avoid the creation of nuisances and other conditions impinging upon the quiet enjoyment and use of property and to prevent environmental pollution and degradation of whatever kind.</p> <p>I. Prevention of overcrowding: to prevent the overcrowding of land or buildings, to avoid the undue and unnecessary concentration of population and to lessen and where possible, to prevent traffic congestion on the public streets and highways.</p> <p>J. Property values: to conserve the value of buildings, to promote the economic vitality of established commercial centers and to enhance the value of land generally throughout the Town.</p> <p>K. Expedited review: to streamline, integrate, coordinate and, to the extent practicable, expedite local governmental review of development and land use proposals without compromising the thoroughness or quality of such review.</p> <p>L. Aesthetic attributes: to perpetuate and enhance areas of natural beauty, to retain outstanding water views and other open vistas available to residents and visitors and to perpetuate generally those aesthetic attributes and amenities which not only please the eye, but which together are the essence of the nationally recognized character of the Town.</p> <p>M. Personal wireless service facilities: to establish standards for the location, siting and design of personal wireless service facilities, and to:</p> <ol style="list-style-type: none"> (1) Allow for alternative types of personal wireless service facilities in any location subject to standards; (2) Encourage the use of existing structures, including, but not limited to, rooftops, utility poles and church steeples for deploying personal wireless service facilities; (3) Expedite the review process for those applications choosing the least intrusive alternative of deploying personal wireless service facilities; (4) Caution users of guyed and lattice towers, monopoles and antennas to locate, site and design them in a way that minimizes the adverse visual impact of the lattice or guyed towers, monopoles and antennas; (5) Enhance the ability of the providers of personal wireless services to provide such services to the community quickly, effectively, and efficiently; and (6) Promote personal wireless service facilities' compatibility with surrounding land uses, and protect the attractiveness, health, safety, general welfare, and property values of the community." | | | | | | | |
| Subdivisions | Yes | Code of the Town of East Hampton, Chapter 220 | Local and County | EHT Zoning Board and Planning Department | No | Yes | - |
| <p>Comment: The provisions of this chapter shall govern subdivision applications made to the East Hampton Town Planning Board. The intent is to ensure that the proposed development and improvement of real property is compatible and properly integrated with existing features and systems on and near the subject property. The regulations, procedures and specifications contained in this chapter are provided to aid in the prompt and orderly processing of applications and to make clear the criteria that will be applied to the review of such applications.</p> <p>The provisions of this chapter will assist both the Planning Board and the applicant by:</p> <ol style="list-style-type: none"> (1) Clearly specifying the policies, procedures and standards by which applications will be processed and determined. (2) Requiring applicants to explore the potentials and to identify the limitations inherent in the premises under development. (3) Increasing the quality of real estate development while decreasing its administrative costs to both the developer and the town by: <ol style="list-style-type: none"> (a) Yielding more efficient parcel and road layouts, reducing drainage requirements and lessening the impact of real estate development on the natural environment; and (b) Assuring prompt, orderly and effective review of applications made to the Planning Board. | | | | | | | |
| Stormwater Management | Yes | Stormwater Management and Erosion and Sediment Control Chapter 216 | Local and County | Stormwater Management Officer | Yes | Yes | - |
| <p>Comment: The purpose of this chapter is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within this jurisdiction and to address the findings of fact in § 216-1.1 hereof. This chapter seeks to meet those purposes by achieving the following objectives:</p> <ol style="list-style-type: none"> A. Meet the requirements of minimum measures 4 and 5 of the SPDES general permit for stormwater discharges from municipal separate stormwater sewer systems (MS4s), Permit no. GP-02-02 or as amended or revised; B. Require land development activities to conform to the substantive requirements of the New York State Department of Environmental Conservation State Pollutant Discharge Elimination System (SPDES) general permit for construction activities GP-02-01 or as amended or revised; C. Minimize increases in stormwater runoff from land development activities in order to reduce flooding, siltation, increases in stream temperature, and streambank erosion and maintain the integrity of stream channels; D. Minimize increases in pollution caused by stormwater runoff from land development activities which would otherwise degrade local water quality; E. Minimize the total annual volume of stormwater runoff which flows from any specific site during and following development to the maximum extent practicable; and | | | | | | | |



| | Do you have this? (Yes/No) | Code Citation and Date (code chapter, name of plan, date of plan) | Authority (local, county, state, federal) | Department / Agency Responsible | State Mandated | Has this been integrated? | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------|----------------|----------------------------------------|---|
| | | | | | | If no - can it be a mitigation action? | |
| F. Reduce stormwater runoff rates and volumes, soil erosion and nonpoint source pollution, wherever possible, through stormwater management practices and to ensure that these management practices are properly maintained and eliminate threats to public safety. | | | | | | | |
| Post-Disaster Recovery | No | - | - | - | No | - | - |
| Comment: Information on post-disaster recovery is contained in the Local Waterfront Revitalization Plan | | | | | | | |
| Real Estate Disclosure | Yes | Property Condition Disclosure Act, NY Code - Article 14 §460-467 | State | NYS Department of State, Real Estate Agent | Yes | - | - |
| Comment: | | | | | | | |
| Growth Management | Yes | Airport (Ch 75) Community Preservation (Ch 112) Environmental Quality Review (Ch 128) LWRP Consistency Review (Ch 150) Community Preservation Plan, August 2003 Overlay Districts (§ 255-3-10) | Local | EHT Town Board, Planning, Zoning, Natural Resources Depts., & EH Town Trustees | No | Yes | - |
| Comment: | | | | | | | |
| Site Plan Review | Yes | Site Plan Review (255-6) | Local | EH Town Board | No | Yes | - |
| Comment: | | | | | | | |
| Environmental Protection | Yes | Chapter 91 Beaches and Park, Chapter 167 Littering and Dump Control, Chapter 213 Shellfish, Chapter 234 Vegetation Protection, Chapter 246 Waterways and Boats; Chapter 220 Environmental Preservation Fund, Chapter 180 Natural Resources Code, Chapter 205 Fuel Oil Storage Safe | Local | Various departments | Yes | Yes | - |



| | Do you have this? (Yes/No) | Code Citation and Date (code chapter, name of plan, date of plan) | Authority (local, county, state, federal) | Department / Agency Responsible | State Mandated | Has this been integrated? | |
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| | | | | | | If no - can it be a mitigation action? | |
| | | Tank Rebate and Incentive Program | | | | | |
| <p>Comment: Chapter 220, Environmental Preservation Fund, notes projects to control and remediate pollution.</p> <p>Chapter 180, Natural Resources Code notes that the natural features, resources and systems of East Hampton Town are vast in number and diverse in type. The stewardship of the flora, fauna, ground and surface waters, endangered species, distressed and problem wildlife, and other various natural features must be paid attention to if such natural features, resources and systems are to thrive. Planning tools such as inventories, monitors and mappings; educational tools such as outreach and training; and field-related tools such as inspections, restorations and maintenance activities shall be used by the Department to pursue the Town's policy of preserving, protecting and conserving its natural features, resources and systems.</p> <p>Chapter 205, Fuel Oil Storage Safe Tank Rebate and Incentive Program incentivizes the removal or decommissioning of below ground fuel oil storage tanks.</p> <p>Chapter 128, Environmental Quality Review Law: The purpose of this chapter is to implement, for the Town of East Hampton, the provisions of the State Environmental Quality Review Act and the state environmental quality review regulations, thereby incorporating environmental factors and understanding into local planning and decision making processes.</p> | | | | | | | |
| Flood Damage Prevention | Yes | Flood Hazard Overlay District, Chapter 255 Article 3 | Local | Floodplain Administrator | Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential) | Yes | - |
| <p>Comment: The purpose of this local law[1] is to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:</p> <p>A. Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities;</p> <p>B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;</p> <p>C. Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of floodwaters;</p> <p>D. Control filling, grading, dredging and other development which may increase erosion or flood damages;</p> <p>E. Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands;</p> <p>F. Qualify for and maintain participation in the National Flood Insurance Program;</p> <p>G. Minimize prolonged business interruptions;</p> <p>H. Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone, sewer lines, streets and bridges located in areas of special flood hazard;</p> <p>I. Help maintain a stable tax base by providing for the sound use and development of areas of special flood hazard so as to minimize future flood blight areas;</p> <p>J. Provide that developers are notified that property is in an area of special flood hazard;</p> <p>K. To ensure that those who occupy the areas of special flood hazard assume responsibility for their actions;</p> <p>L. To protect human life and health;</p> <p>M. To minimize expenditure of public money for costly flood control projects; and</p> <p>N. To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public.</p> | | | | | | | |
| Municipal Separate Storm Sewer System (MS4) | Yes | Chapter 215 Storm Sewers | Local | Stormwater Management Officer | Yes | Yes | - |
| <p>Comment: The purpose of this law is to provide for the health, safety, and general welfare of the citizens of the Town of East Hampton through the regulation of non-stormwater discharges to the municipal separate storm sewer system (MS4) to the maximum extent practicable as required by federal and state law. This law establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with requirements of the SPDES general permit for municipal separate storm sewer systems. The objectives of this law are:</p> <ul style="list-style-type: none"> To meet the requirements of the SPDES general permit for stormwater discharges from MS4s, Permit no. GP-02-02 or as amended or revised; To regulate the contribution of pollutants to the MS4 since such systems are not designed to accept, process or discharge non-stormwater wastes; To prohibit illicit connections, activities and discharges to the MS4; To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this law; and To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, | | | | | | | |



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| | | | | | | If no - can it be a mitigation action? | |
| wastewater, grease, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the MS4. | | | | | | | |
| Emergency Management | Yes | Millstone Nuclear Power Station Emergency Planning, Chapter 171 | Local, State | State of New York | Yes | Yes | - |
| Comment: Emergency Services in the event of a hazard event at the Millstone Nuclear Power Station. | | | | | | | |
| Climate Change | No | - | - | - | Yes | - | - |
| Comment: | | | | | | | |
| Disaster Recovery Ordinance | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Disaster Reconstruction Ordinance | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Other | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Planning Documents | | | | | | | |
| Comprehensive Plan | Yes | 5/2005 | Local | EH Town Board and Planning Board | No | Yes | - |
| Comment: Town of East Hampton Comprehensive Plan | | | | | | | |
| Capital Improvement Plan | Yes | Capital Improvement Plan | Local | EH Town Board | No | No | - |
| Comment: Reviewed annually | | | | | | | |
| Disaster Debris Management Plan | Yes | Suffolk County Multi-Jurisdictional Debris Management Plan | County, Local | Suffolk County FRES | No | Yes | - |
| Comment: This NYS and FEMA approved comprehensive Multi-Jurisdictional Debris Management Plan was developed through the cooperative efforts of Suffolk County and each of the ten (10) Towns, working together in conjunction with partners from private, state and federal agencies. | | | | | | | |
| Floodplain or Watershed Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Stormwater Plan | Yes | Stormwater Plan | Local and County | EH Town Board and Natural Resources Department | No | Yes | - |
| The Town is in the process of developing a Stormwater Management Plan in accordance with the New York State MS4 Phase II implementation of the Clean Water Act. Progress has been made on the plan and Inter-Municipal agreements with other Towns are set for approval within 30 days | | | | | | | |
| Open Space Plan | Yes | Community Preservation Fund Draft | Local | Department of Land Acquisition and Stewardship | Yes | Yes | - |



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| | | | | | | If no - can it be a mitigation action? | |
| | | 2020 Management and Stewardship Plan | | | | | |
| <p>Comment: Three primary goals for acquired properties are the creation of a baseline document, the creation of a management plan for each property or group of similar properties in similar geographic areas and regular monitoring of those properties.</p> <p>(1) Baseline Documentation: This is a process of collecting physical data for each property at the time of acquisition, or as soon thereafter as practicable. This data can be used as a protection of the Town's rights and or obligations to that particular property.</p> <p>(2) Management Plan: A management plan is a guide that includes a number of elements compiled and presented in a straightforward, easy to follow and user friendly document.</p> <p>(3) Monitor Property: Annual or as needed physical inspections and reports on all properties will be completed. Ongoing monitoring of a property is imperative in order to protect this community asset. Monitoring will be done to document invasive species, poaching of trees and shrubs, dumping, and encroachments by neighboring land owners.</p> | | | | | | | |
| Urban Water Management Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Habitat Conservation Plan | Yes | Nature Preserves (Ch 182) Open Space Preservation (Ch 193); Water Recharge Overlay District (§ 255-3-60) Harbor Protection Overlay District (§ 255-3-70) Protection of Natural Resources (§ 255- | Local | EH Town Board, Planning, Natural Resources Depts., & Town Trustees | No | Yes | - |
| Comment: | | | | | | | |
| Economic Development Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Shoreline Management Plan | Yes | Coastal Erosion Overlay District (§ 255-3-80) Protection of Natural Resources (§ 255-4-10) Wetland setbacks (§ 255-4-30) Coastal bluff & barrier dune setbacks (§ 255-4-40) | Local, County, and State | NYSDEC, Suffolk Co., EH Town Board, Natural Resources, Planning, & Building Depts., and Town Trustees | Yes | Yes | - |



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| | | | | | | If no - can it be a mitigation action? | |
| Comment: | | | | | | | |
| Community Wildfire Protection Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Forest Management Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Transportation Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Agriculture Plan | No | - | - | - | Yes | - | - |
| Comment: | | | | | | | |
| Report on the Education and Outreach Program Plan Peconic Estuary Protection Committee (2019) | Yes | Chapter 215 of Town Code | Local | Stormwater Management Officer | No | Yes | - |
| Comment: The Education and Outreach (E&O) Program Plan for the Peconic Estuary Protection Committee consists of public education activities that satisfy the New York State General Permit for Municipal Separate Storm Sewer Systems (MS4) Minimum Control Measure 1: Public Education and Outreach. The Committee serves as an MS4 stormwater coalition. | | | | | | | |
| Water Quality Plan | Yes | Water Quality Improvement Plan (2017) | Local | Stormwater Management Officer | No | Yes | - |
| Comment: The Water Quality Improvement Plan (WQIP) was developed as part of the Community Preservation Fund (CPF) with the goal to help protect and improve environmental integrity in ecologically sensitive areas in the Town of East Hampton. The mission of the CPF is to preserve community character through the acquisition and preservation of land. | | | | | | | |
| Endangered Species Plan | Yes | Management and Protection Plan for Threatened and Endangered Species (2015) | Local | Natural Resource Department | No | No | - |
| Comment: Goals of the Plan include: <ol style="list-style-type: none"> 1. Carry out and enforce the provisions of the Management Plan, the East Hampton Town Code and the USFWS piping plover recovery guidelines governing the protection of nesting sites on East Hampton Town beaches. 2. Reduce predation of nests through the use of exclosures when practicable. 3. Encourage return-nesters and additional pairs to nest on East Hampton Town beaches through protection of existing habitat as well as the promotion of future habitat expansion and migration through the preservation of adjacent upland area to allow for the natural migration of beaches and dune areas. 4. Incorporate educational programs and outreach activities to build cooperation between regulatory agencies, monitors, beach managers and staff, lifeguards, enforcement officers, volunteers and the general public. 5. Maintain appropriate public use of beaches and shores by various stakeholders while minimizing disturbance to breeding pairs and their young throughout the nesting season from April through August. | | | | | | | |
| Climate Plan | Yes | Climate Action Plan (2015) | Local | Town of East Hampton | No | Yes | - |
| Comment: The Town of East Hampton has adopted the transformative goals to meet 100 percent of community wide electricity consumption with renewable energy sources by the year 2020 and to meet the equivalent of 100 percent of economy wide energy consumption such as electricity, heating, and transportation with renewable energy sources by the year 2030. | | | | | | | |
| Watershed Management Plan | Yes | Lake Montauk Watershed Management Plan (2014) | Local | Natural Resource Department | No | Yes | - |
| Comment: The WMP provides a characterization of the existing natural, cultural and human resources within the watershed, identifies key factors impacting the Lake Montauk watershed, provides general and site specific recommendations for watershed improvement, and provides | | | | | | | |



| | Do you have this? (Yes/No) | Code Citation and Date (code chapter, name of plan, date of plan) | Authority (local, county, state, federal) | Department / Agency Responsible | State Mandated | Has this been integrated? | |
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| | | | | | | If no - can it be a mitigation action? | |
| implementation strategies for each of the recommendations provided. | | | | | | | |
| Response/Recovery Planning | | | | | | | |
| Comprehensive Emergency Management Plan | Yes | Suffolk County Comprehensive Emergency Management Plan (2018) | Suffolk County and Associated Jurisdictions | Suffolk FRES | Yes | Yes | - |
| Comment: The County Comprehensive Emergency Management Plan (CEMP) describes the emergency obligations of County government and its capability and capacity to undertake emergency assignments or acquire those resources necessary to support its emergency mission. The Concept of Operations of the CEMP describes the management of emergencies within the National Incident Management System (NIMS) and details emergency management programmatic efforts to accommodate present standards. | | | | | | | |
| Strategic Recovery Planning Report | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Threat & Hazard Identification & Risk Assessment (THIRA) | No | - | - | - | Yes | - | - |
| Comment: | | | | | | | |
| Post-Disaster Recovery Plan | Yes | 2013 | Local and County | Suffolk DFRES & EHT Emerg. Prep. Dept. | No | Yes | - |
| Comment: As contained in the Hurricane/Coastal Storm Plan. Updated/amended 2013 | | | | | | | |
| Continuity of Operations Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |
| Public Health Plan | No | - | - | - | No | - | - |
| Comment: | | | | | | | |

Table 9.15-4. Development and Permitting Capability

| Indicate if your jurisdiction implements the following | Response Yes/No; Provide further detail |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Development Permits. If yes, what department? | Yes, Building Department |
| Permits are tracked by hazard area. For example, floodplain development permits. | Yes |
| Buildable land inventory If yes, please describe If no, please quantitatively describe the level of buildout in the jurisdiction. | Yes, Planning Department |

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of East Hampton.

Table 9.15-5. Administrative and Technical Capabilities

| Resources | Available? (Yes or No) | Department/ Agency/Position |
|----------------------------------|------------------------|-----------------------------|
| Administrative Capability | | |
| Planning Board | Yes | Planning Board |





| Resources | Available? (Yes or No) | Department/ Agency/Position |
|------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Mitigation Planning Committee | No | Not specific but committees such as LWRP could identify projects. |
| Environmental Board/Commission | Yes | Natural Resources Department |
| Open Space Board/Committee | Yes | Land Acquisition Department |
| Economic Development Commission/Committee | No | - |
| Warning Systems / Services (reverse 911, outdoor warning signals) | Yes | Local TV, radio, the Town website, CodeRED, and East Hampton Town CivicReady notifications |
| Maintenance programs to reduce risk | Yes | Tree trimming, stormwater cleaning |
| Mutual aid agreements | Yes | MOUs with neighboring towns for debris management |
| Technical/Staffing Capability | | |
| Planners or engineers with knowledge of land development and land management practices | Yes | East Hampton Planning Department |
| Engineers or professionals trained in building or infrastructure construction practices | Yes | Town Engineer Principal Building Inspector |
| Planners or engineers with an understanding of natural hazards | Yes | East Hampton Planning Department East Hampton Natural Resources Department |
| Staff with expertise or training in benefit/cost analysis | No | EHT hired a full-time CPA for the position 2009 |
| Professionals trained in conducting damage assessments | Yes | Building Department, Natural Resources Department |
| Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications | Yes | Office of Information Technology, GIS Supervisor East Hampton Planning Department East Hampton Natural Resources Department |
| Scientist familiar with natural hazards | Yes | East Hampton Planning Department East Hampton Natural Resources Department |
| NFIP Floodplain Administrator (FPA) | Yes | Principal Building Inspector |
| Surveyor(s) | Yes | Outside Contractor by contract |
| Emergency Manager | Yes | Emergency Preparedness Coordinator (1) |
| Grant writer(s) | Yes | Grant Applications Specialist (1) |
| Resilience Officer | No | - |
| Other (this could include stormwater engineer, environmental specialist, etc.) | No | - |

Fiscal Capability

The table below summarizes financial resources available to the Town of East Hampton.

Table 9.15-6. Fiscal Capabilities

| Financial Resources | Accessible or Eligible to Use (Yes/No) |
|----------------------------------------------------|-------------------------------------------|
| Community development Block Grants (CDBG, CDBG-DR) | Yes, with income restrictions |
| Capital improvements project funding | Yes |
| Authority to levy taxes for specific purposes | Yes |



| Financial Resources | Accessible or Eligible to Use (Yes/No) |
|-----------------------------------------------------------------------------|----------------------------------------|
| User fees for water, sewer, gas or electric service | No |
| Impact fees for homebuyers or developers of new development/homes | No |
| Stormwater utility fee | No |
| Incur debt through general obligation bonds | Yes |
| Incur debt through special tax bonds | Yes |
| Incur debt through private activity bonds | No |
| Withhold public expenditures in hazard-prone areas | Yes |
| Other federal or state Funding Programs | Yes |
| Open Space Acquisition funding programs | 2% surcharge on land purchases |
| Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution]) | No |

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town of East Hampton.

Table 9.15-7. Education and Outreach Capabilities

| Indicate if your jurisdiction has the following resources | Yes/No; Please describe |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Public information officer or communications office? | PIO is through the Supervisor |
| Personnel skilled or trained in website development? | Yes |
| Hazard mitigation information available on your website; if yes, describe | Yes, pandemic and emergency response |
| Social media for hazard mitigation education and outreach; if yes, briefly describe. | Yes, Facebook and use website. |
| Citizen boards or commissions that address issues related to hazard mitigation; if yes, briefly describe. | Yes, have had groups complete work as needs arise. |
| Other programs already in place that could be used to communicate hazard-related information; if yes, briefly describe. | Local TV, radio |
| Warning systems for hazard events; if yes, briefly describe. | Local TV, radio, the Town website, CodeRED, and East Hampton Town CivicReady notifications |
| Natural disaster/safety programs in place for schools; if yes, briefly describe. | NYS Project SAVE, safety committees at schools |
| Other | Public forums for education take place once or twice a year. |

Community Classifications

The table below summarizes classifications for community programs available to the Town of East Hampton.

Table 9.15-8. Community Classifications

| Program | Participating? (Yes/No) | Classification (if applicable) | Date Classified (if applicable) |
|---------------------------------------------------------|-------------------------|--------------------------------|---------------------------------|
| Community Rating System (CRS) | NP | NP | NP |
| Building Code Effectiveness Grading Schedule (BCEGS) | Yes | 4/3 | 2004 |
| Public Protection (ISO Fire Protection Classes 1 to 10) | Yes | 4/9 | 2003 |
| NYSDEC Climate Smart Community | Yes | Bronze Certified | - |
| Storm Ready Certification | Yes | | 2003 |



| Program | Participating? (Yes/No) | Classification (if applicable) | Date Classified (if applicable) |
|-------------------------------------|-------------------------|--------------------------------|---------------------------------|
| Firewise Communities classification | NP | NP | NP |
| Other: NYS Clean Energy Community | Yes | N/A | N/A |

Note:

- N/A Not applicable
- NP Not participating
- Unavailable

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction’s rating.

Table 9.15-9. Adaptive Capacity

| Hazard | Adaptive Capacity (Capabilities) - High/Medium/Low* |
|----------------------------------|-----------------------------------------------------|
| Coastal Erosion | Medium |
| Cyber Security | Medium |
| Disease Outbreak | Medium |
| Drought | Medium |
| Earthquake | Medium |
| Expansive Soils | Medium |
| Extreme Temperature | Medium |
| Flood | Medium |
| Groundwater Contamination | Medium |
| Hurricane | Medium |
| Infestation and Invasive Species | Medium |
| Nor’Easter | Medium |
| Severe Storm | Medium |
| Severe Winter Storm | High |
| Shallow Groundwater | Medium |
| Wildfire | Medium |

- *High Capacity exists and is in use
- Medium Capacity may exist; but is not used or could use some improvement
- Low Capacity does not exist or could use substantial improvement
- Unsure Not enough information is known to assign a rating

The Town has access to resources to determine the possible impacts of climate change upon the municipality and is supportive of integrating climate change in policies or actions. The Town of East Hampton has adopted a Climate Action Plan (2015). As part of the plan, the Town has adopted the transformative goals to meet 100 percent of community wide electricity consumption with renewable energy sources by the year 2020 and to meet the equivalent of 100 percent of economy wide energy consumption such as electricity, heating, and transportation with renewable energy sources by the year 2030. The Town recently received \$100,000 in grant funding support to purchase electric cars and charging stations.

9.15.5 National Flood Insurance Program

This section provides specific information on the management and regulation of the regulatory floodplain.





NFIP Floodplain Administrator (FPA)

Ann Glennon, Principal Building Inspector

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Town of East Hampton.

Table 9.15-10. NFIP Summary

| Municipality | # Policies | # Claims (Losses) | Total Loss Payments | # RL Properties |
|----------------------|------------|-------------------|---------------------|-----------------|
| Town of East Hampton | 2,630 | 744 | \$7,180,126 | 59 |

Source: FEMA 2020

Notes: According to FEMA statistics as of 7/13/2020

RL Repetitive Loss

Flood Vulnerability Summary

Approximately 12 homes were damaged in Hurricane Sandy, with one home being completely washed away. All homeowners who sustained damaged are interested in mitigation. The source of funding is unknown as there has not been much activity. Some have used flood insurance and paid out of pocket at this time. No homes received Substantial Damage determinations. Substantial Damage Estimates are interpreted and then reviewed for code compliance.

Resources

The Principal Building Inspector is identified as the local NFIP Floodplain Administrator, for which floodplain administration is an auxiliary duty. In addition to the NFIP FPA, the community has supplementary staff for which NFIP is an auxiliary duty; personnel include the Planning Department. Duties and responsibilities of the NFIP Administrator are permit review, inspections, appraisers assessment of damage, maintaining records in “GOVERN” system for flood-related claims. Damage Estimates are interpreted and then reviewed for code compliance. The Village is working on a more thorough process of inventorying flood-damaged properties.

In the Town of East Hampton the following educational and/or outreach activities related to the NFIP: personal meetings with property owners, permit review, inspections, appraisers assessment of damage, maintaining records in “GOVERN” system for flood-related claims.

Barriers to running an effective floodplain management program in the Town of East Hampton include the current height restrictions code on homes in the floodplain. Currently, the pyramid law is used for homes to become flood compliant and it is very strict. Relaxing this code and granting variances would alleviate much stress for homeowners.

Compliance History

Town of East Hampton joined the NFIP on September 30, 1976 , and is currently an active member of the NFIP. The current effective Flood Insurance Rate Maps are dated September 25, 2009. The community is currently in good standing in the NFIP and has no outstanding compliance issues. Town of East Hampton has completed Community Assistance Visits (CAV), with the most recent visit completed on September 22, 2010. Additional input and communication from FEMA would be greatly welcomed.



Regulatory

The Town's Flood Hazard Overlay District, Chapter 255 Article 3 address the Town's floodplain management regulations. Floodplain management regulations and ordinances meet FEMA and New York State requirements. In 2009 an additional ordinance was adopted where foundations elevated more than 4 feet because of flood risk flood did not count as a story. In the past if more than 4 feet of the foundation was out of the ground, it counted as a story.

Community Rating System

Receiving further information on the Community Rating System and additional professional training on floodplain management is something being considered.

9.15.6 Integration with Other Planning Initiatives

As this HMP update is implemented, the Town of East Hampton will use information from the plan as the best available science and data for natural hazards. The capability assessment presented in this annex identifies codes, plans, and programs that provide opportunities for integration. The Suffolk County and local action plans developed for this HMP update actions related to plan integration, as well as progress on these actions, will be reported through the progress reporting process described in Volume I. New opportunities for integration also will be identified as part of the annual progress report.

Existing Integration

- **Planning Board:** The Town Planning Board approves plans for the development of commercial properties, and approves the subdivision of land. The Board reviews and provides input to the Town Board on all Urban Renewal Map requests, all changes to the Zoning Code and the Town Comprehensive Plan. The Board is comprised of seven members appointed by the Town Board. Each member serves a seven-year term. Each Planning Board member is available to meet with applicants, potential applicants or members of the public on any applications that are before the Board or have the potential to be submitted to the Board for review.
- **Zoning Board of Appeals:** The purpose of the Town Zoning Board of Appeals is to ensure equitable administration of the Town's Zoning Code (Chapter 255 of the Town Code). The Board is comprised of five members appointed by the Town Board. Each member serves a five-year term. The Zoning Board hears and decides on all of the following:
 - Appeals from the Architectural Review Board
 - Appeals from the Building Inspector
 - Interpretations of the Zoning Code
 - Natural Resources Special Permits
 - Personal wireless service facility tiers
 - Revocation of certificate of occupancies
 - Variances
- **Airport:** The Town of East Hampton Airport is situated on 600 acres on the western border of the Town of East Hampton. It is comprised of 2 runways, a Terminal Building, a seasonal control tower (operated only during the summer season) and 62 private hangars that house aircraft for general aviation. There is one Fixed Base Operator (FBO) that provides fueling (JetA and Avgas), aircraft charters, catering and ramp service. There is also an additional charter service and flight school at the airport.



- **Building Department:** The Building Department mission is to serve residents and patrons in a respectful and professional manner on an equal basis; to always seek voluntary compliance with applicable codes and to make residents and patrons feel satisfied regardless of their situation.
- **Division of Public Safety:** The Public Safety Division is an administrative department presiding over the Building Department, Fire Safety Department, Ordinance Enforcement Department, and the Animal Control Unit. The Principal Building Inspector, the Chief Fire Marshal, and the Director of Code Enforcement report to the Administrator of the Public Safety Division, who reports directly to the Supervisor and Town Board. The Administrator also serves as the liaison to the Town Attorney's Office. The function of the Public Safety Division is to provide administrative and legal oversight to the three subordinate departments in an effort to professionally and efficiently deliver the required services to the citizens of East Hampton.
- **Dissemination of Emergency Information:** The Town of East Hampton disseminates time-sensitive, emergency preparedness, response, and recovery information, via this website, LTV (channels 20 and 22), WLNG (92.1 FM), and East Hampton Patch. Frequent monitoring of these sources prior to, during, and after, significant weather events is urged, to ensure that the most current information is received.
- **Engineering Department:** The Engineering Department was created in 2001 to assist other town departments in engineering related matters for the primary purpose of allowing said department to complete their work. A large portion of the Town Engineering Department is engineering review for the Planning Board in their review of subdivisions, subwaivers, lot line modification, site plans, etc. The Town Engineer also makes recommendations and speaks to the Board of Review in conjunction with the urban renewal maps and the road assignments. The Town Engineer makes recommendations to any and all other departments with reference to their daily operations or capital projects. In some cases, capital projects are handled completely by the Town Engineer's Office with larger ones being handled by consulting engineers. The Engineering Department is currently staffed with the licensed professional engineer with an administrative assistant as clerical. The Engineering Department is within the Department of Planning and reports directly to the Director of Planning and the Town Board.
- **Fire Marshall:** It is the mission of the Fire Marshal's Office to prevent and reduce the incidence of fire by increasing the awareness and knowledge of both the residents and business owners with respect to fire safety and by ensuring compliance with the New York State Fire Safety Code and applicable regulations of the State of New York as well as The Code of the Town of East Hampton. The mission will be accomplished through fire prevention education, compliance inspections and fire investigations
- **Highway Department:** The East Hampton Town Highway Department maintains 300 center lane miles of roads in an area that spans from Montauk to the East Hampton/Southampton Town Line and Sag Harbor to the North. Highway maintenance includes: Snow and ice control of roadways and sidewalks; Fulfilling requirements of the snow/ice agreement for NYS Route 27 (between the Village of EH and Montauk Point); Storm Cleanups (hurricane, northeasters, flooding conditions etc.); Patching potholes; Mill and fill (large repairs of roadways); Crack seal roads; Oil and stone road maintenance program; True and level roadways in preparation for paving projects; Supervision and traffic control of paving projects; Sweeping roads and parking lots; Maintenance and mowing of road shoulders; Pruning, trimming, or removing dead trees; Installation and maintenance of new street trees; Litter removal (including, but not limited to, Adopt-a-Road litter); Installation of stop lines,



crosswalks, handicap markings and striping of roadways; Cleaning of curb inlets and catch basins; Drainage installation and maintenance (cleaning, repairs); Oversee sign shop that manufactures, installs, and maintains the town street signs-including those required by New York State and the Federal Government (MUTCD); Carting of illegally dumped items on town roads; Pick up dead deer and other road kill; Pick up post-eviction materials and items.

Public Works is responsible for Snow and Ice control - County roads as per agreement between town and county; Parking Lot Maintenance - Municipal and beach parking lots (Sweeping and pot hole repairs); Sanitation Department (Oversee day to day operations)

The Highway Shop is responsible for: Perform NYS diesel inspections, for Highway, Sanitation and Parks Departments; Equipment repairs and maintenance (Oil change, chassis lubrication, electrical system maintenance, tire service, brake repairs, maintain and repair mounted equipment); Inventory - Parts, equipment, vehicles; Maintenance of vehicle work records; Fabricate attachments/repair bodies of trucks; Modify and retro-fit equipment for various jobs; Small tool and small engine equipment repairs.

- **Information Technology:** The Information Technology (IT) Department, within the Finance Division of the Town of East Hampton, is responsible for the coordination, implementation, installation, maintenance and oversight of town computer systems, networks, data, email, Geographic Information System, Internet and digital communications systems used by various departments and divisions within the Town of East Hampton.
- **Land Acquisition & Management:** This Department's goal is to help protect our sense of place in an ever changing landscape through the acquisition and management of East Hampton's unique natural environments, open spaces, farms and historic places for the enjoyment of all those who share our community now and in the future.
- **Parks & Building Maintenance:** The Buildings and Grounds Department is responsible for the maintenance, repair and service of almost of every one of the 120 properties the Town owns.
- **Planning Department:** The Planning Department provides professional planning and technical services regarding the town's land use, its environmental choices, its infrastructure, and its cultural and natural resources. The Department reviews all applications for development that require approvals from the Zoning Board and Planning Board. The Department also serves the Architectural Review Board, the Town Board and the Town Trustees. The Department's staff members attend a number of Town committees, participate in the development of Town policies and regulations and work on a wide array of Town projects. The Department represents the Town in a number of East End and Suffolk County Planning efforts.

Opportunities for Future Integration

- **Hazard Data Collection Program (2020-East Hampton-003):** The Town has begun to establish a data collection and organization program to improve the documentation of hazard events. This may include recording high-water marks, documenting beach erosion, compiling and archiving loss data with the Building Department leading and the Natural Resources Department providing assistance.

9.15.7 Evacuation, Sheltering, Temporary Housing, and Permanent Housing



Evacuation routes, sheltering measures, temporary housing, and permanent housing must all be in place and available for public awareness to protect residents, mitigate risk, and relocate residents, if necessary, to maintain post-disaster social and economic stability.

Evacuation Routes

Route 27 is the only main road that will allow people to evacuate East Hampton. Evacuees must pass through many other Towns before getting off Long Island, so to help avoid a log jam effect, the Town of East Hampton will ask secondary homeowners to vacate long before any mandatory evacuation orders are put in place. Mandatory evacuations will be made before most other Towns to help ease traffic problems. All evacuation information is broadcast via local TV, radio, the Town website, CodeRED, and East Hampton Town CivicReady notifications. Evacuations are not made during a storm event.

Sheltering

Sheltering for the Town of East Hampton is provided via agreements with the American Red Cross. Town personnel are also trained to assist in sheltering. Sheltering locations are listed below:

| Shelter Name | Address | Capacity | Accommodates Pets? | ADA Compliant? | Backup Power? | Types of Medical Services Provided | Other Services Provided |
|-------------------------------|--------------------|----------|--------------------|----------------|---------------|------------------------------------|-------------------------|
| EH High School | 2 Long Lane | 410 | No | Yes | Yes | Mental Health, BLS Med | Food, Showers |
| Montauk Play House | 240 Edgemere Road | 224 | Yes, not exotic | Yes | Yes | S.A.A. | Food, Showers |
| EH Town Senior Citizen Center | 128 Fireplace Road | 45 | No | Yes | Yes | BLS Med | Food |
| American Legion Post 419 | 15 Montauk Highway | 130 | No | Yes | Yes | None | Food |

Temporary Housing

The Town of East Hampton has identified Cedar Point Park (a campground located at 5 Cedar Point Road) and the Stephen Hands Path Recreation Site (sports fields located at Stephen Hands Path) as potential locations for the placement of temporary housing after a disaster event. Both sites have water, electric, and some septic capacity.

Permanent Housing

The Town of East Hampton has not identified locations for the placement of permanent housing.

9.15.8 Hazard Event History Specific to the Town of East Hampton

Suffolk County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. The Town of East Hampton’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Suffolk County. Table 9.15-11 provides details regarding municipal-specific loss and damages the Town experienced during hazard events. Information provided in the



table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.15-11. Hazard Event History

| Dates of Event | Event Type (Disaster Declaration if applicable) | County Designated? | Summary of Event | Municipal Summary of Damages and Losses |
|----------------------|--------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| February 8 – 9, 2013 | Severe Winter Storm and Snowstorm (FEMA DR-4111) | Yes | Low pressure that formed along the northern Gulf coast by the morning of Thursday, February 7, 2013 moved northeast to near Cape Hatteras by the morning of Friday, February 8, 2013 . The low then rapidly intensified while moving northeast to a position east of Cape Cod by the morning of Saturday, February 9, 2013, producing very heavy snowfall and blizzard conditions across central and eastern Long Island on February 8th and 9th, and winter storm conditions across the rest of southeast New York. | \$362,438 in damages. Excessive snowfall resulted in impassable roadways, power outages, and fallen trees. Overtime was needed for essential emergency personnel, Highway and Parks expenditures for clearing snow. |
| March 14 – 15, 2017 | Severe Winter Storm and Snowstorm (FEMA DR-4322) | Yes | On Tuesday, March 14th, rapidly deepening low pressure tracked up the eastern seaboard resulting in damaging winds in Suffolk County. | \$6,781 in damages for personnel and equipment. Gerard Drive was eroded by wave action during the event. The Town Highway Department completed emergency repairs. |

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- N/A Not applicable

9.15.9 Hazard Ranking and Jurisdiction-Specific Vulnerabilities

The hazard profiles in Section 5 (Risk Assessment) of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes critical facility and community lifeline flood exposure, and the hazards of greatest concern and risk to the Town of East Hampton. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.
- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.



Critical Facilities

New York Department of Environmental Conservation (DEC) Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless constructed according to specific mitigation specifications, including being raised 2' above the Base Flood Elevation (BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, the State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 500-year flood event, or worst damage scenario. For those that do not meet these criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities and community lifelines located in the 1-percent and 0.2-percent floodplain. It also summarizes if the facility is already mitigated in compliance with NYS standards (i.e., to the 0.2-percent annual chance event or worse-case scenario), or if a new mitigation action is proposed in the plan update.

Table 9.15-13. Potential Flood Losses to Critical Facilities

| Name | Type | Exposure | | | Complies with NYS Standards | Addressed by Proposed Action |
|------------------------------------------|------------------|----------|--------|------------|-----------------------------|------------------------------|
| | | 1% Event | | 0.2% Event | | |
| | | A-Zone | V-Zone | | | |
| Montauk Airport* | Aviation | X | - | X | X | - |
| Montauk* | Rail Station | X | - | X | Unknown | 2020-East Hampton-009 |
| Marketspan Combustion Turbine Generator* | Electric/Power | X | - | X | Unknown | 2020-East Hampton-009 |
| Montauk-9u* | Electric/Power | X | - | X | Unknown | 2020-East Hampton-009 |
| Pseg-Li Montauk 9uu Substation | Tier 2 | X | - | X | Unknown | 2020-East Hampton-009 |
| Montauk | Tier 2 | X | - | X | Unknown | 2020-East Hampton-009 |
| East Hampton Commercial Dock* | Ferry/Marine | - | X | X | X-Harbormaster relocated | - |
| East Hampton Commercial Dock* | Ferry/Marine | - | - | X | - | - |
| Wainscott Old School House | Polling Location | - | - | X | - | - |
| Gardiner Avenue* | Transportation | - | - | X | - | - |
| NYS DOT East Hampton* | DPW/DOT | - | - | X | - | - |

Source: Suffolk County 2020; FEMA 2009

Notes: x = Facility is located in the floodplain boundary.

*Community Lifeline





Please note it is assumed that wells have electrical equipment and openings are three-feet above grade.

(1) HAZUS-MH 2.1 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore this will be an indication of the maximum downtime (HAZUS-MH 2.1 User Manual).

(2) In some cases, a facility may be located in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type.

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Suffolk County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Town of East Hampton. The Town of East Hampton has reviewed the county hazard risk/vulnerability risk ranking table and provided input to its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Town of East Hampton indicated the following:

- The Town changed the hazard ranking for earthquake from medium to low, citing that construction in the Town meets modern building codes.
- The Town agreed with the remainder of the calculated hazard rankings.

Table 9.15-13. Hazard Ranking

| | | | | | |
|---------------------|----------------|---------------------------|---------------------|----------------------------------|-----------------|
| Coastal Erosion | Cyber Security | Disease Outbreak | Drought | Earthquake | Expansive Soils |
| Medium | Medium | Medium | Low | Low | Low |
| Extreme Temperature | Flood | Groundwater Contamination | Hurricane | Infestation and Invasive Species | Nor'Easter |
| Medium | High | Medium | High | Medium | High |
| | Severe Storm | Severe Winter Storm | Shallow Groundwater | Wildfire | |
| | Medium | Medium | Low | Medium | |

Identified Issues

The municipality has identified the following vulnerabilities within their community:

- Springs in East Hampton. Road directly adjacent to the bay facing northeast. Any major northeast wind will result in breaching of the road. Road becomes impassable. Have put in a sea wall 2 years ago that appears to have held up well.



- Southfacing open beach. Montauk. USACE replenishment. Results vary.
- Stormwater issues have been resolved over time. Small areas with groundwater issues that cause flow.
- The Senior Citizen Nutrition Center is also the special needs emergency shelter. The building needs to be rehabbed. The facility is centrally located in the town. The current property size doesn't allow for a new rebuild on site. Alternate locations have not been identified as of yet.
- \$12 million communication systems upgrade is currently underway.

Specific areas of concern based on resident response to the Suffolk County Hazard Mitigation Citizen survey include:

- Many areas of Montauk have inadequate control of stormwater and drainage on streets.
- Continued building which eliminate or damage existing wetlands and vegetation to help runoff.
- Over clearing in water recharge areas of town.
- In even greater emergencies, such as a Sandy like storm or worse, there is no route out of Montauk if Route 27 is flooded out on the Napeague stretch.
- It is common knowledge that electric infrastructure is inadequate and overloaded, and with inadequate backup at any time of year.
- Communication infrastructure, i.e. cell and internet services are inadequate. Without these, a person would be unaware even that there is evacuation order or updates regarding the emergency threat, whatever the cause. There is only one primary internet provider in the town.
- Stephen Hands Path experiences flooding.

9.15.10 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and their prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community's mitigation strategy identified in the 2014 HMP. Actions that are carried forward as part of this plan update are included in the updated mitigation strategy table (Table 9.15-15). Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under 'Capability Assessment' presented previously in this annex.



Table 9.15-14. Status of Previous Mitigation Actions

| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1.Project to be included in 2020 HMP or Discontinue 2.If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3.If discontinue, explain why. |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Cost | Level of Protection | |
| East Hampton Town-1 | Assess and prioritize the options available to retrofit, purchase, or relocate structures located in hazard-prone areas to protect structures from damage, with repetitive loss and severe repetitive loss properties as priority, and implement as funding becomes available. | Flood, Nor'Easter, Hurricane, Severe Storm | Town | | In Progress | Cost | | 1. Include in 2020 HMP 2. 3. |
| East Hampton Town-2 | Attend a CRS workshop and consider participation in incentive-based programs such as CRS. | Flood, Nor'Easter, Hurricane, Severe Storm | NFIP Floodplain Administrator | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| East Hampton Town-3 | Support LIDAR survey efforts to basemap,inventory coastal resources (beaches, sand, dunes, etc.), and monitor,measure change after coastal erosion events. | Flood, Hurricane, Nor'Easter, | NYSDOS | | In Progress | Cost | | 1. Include in 2020 HMP 2. Erosion monitoring program 3. |
| East Hampton Town-4 | Develop data collection and organization program | All Hazards | County,Town | | In Progress; need additional time to establish. | Cost | | 1. Include in 2020 HMP 2. 3. |



| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1.Project to be included in 2020 HMP or Discontinue 2.If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3.If discontinue, explain why. |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Cost | Level of Protection | |
| | to improve the documentation of hazard events. This may include recording high-water marks, documenting beach erosion, compiling and archiving loss data. | | | | Building Dept records some information. Natural Resources Dept to assist. | Damages Avoided; Evidence of Success | | |
| East Hampton Town-5 | Assess and prioritize the options available to relocate the Ft. Pond Electric Substation out of flood prone area and implement as funding becomes available. | Flood, Hurricane, Nor'Easter, | National Grid, LIPA, Keyspan | | In Progress; PSEG working on identifying locations for relocation | Cost | | 1. Include in 2020 HMP 2. 3. |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-6 | Assess and prioritize the options available to retrofit the Emergency Operations Center with storm shutters & wind resistant roofing materials, and implement as funding becomes available. | Flood, Hurricane, Nor'Easter, | E.H. Town | | In Progress; Shutters have been installed on access points. Roof done. | Cost | | 1. Include in 2020 HMP 2. Install shutters on windows (\$9,000) 3. |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-7 | Assess and prioritize the options available to retrofit the East Hampton High School (ARC designated shelter) with impact resistant windows,shutters, & install generator. Implement as funding becomes available. | Nor'Easter, Severe Storm, Winter Storm, Hurricane | E.H. School District | | Complete, Reconstructed building to allow for better interior protection of sheltering spaces. New generator installed. | Cost | | 1. Discontinue 2. 3. Complete |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-8 | Assess and prioritize the options available to relocate the DPW | Nor'Easter, Hurricane, Flood | E.H. Town | | No Progress | Cost | | 1. Include in 2020 HMP 2. Include LP Storage Tank within action. |
| | | | | | | Level of Protection | | |



| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why. |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Cost | Damages Avoided; Evidence of Success | |
| | substation, near the Ft. Pond substation, out of flood prone area, and implement as funding becomes available. | | | | | | | 3. |
| East Hampton Town-9 | Develop and implement a maintenance program to assure access (e.g. maintain defensible space) to high-risk wildfire areas. | Severe Storm, Wildfire | NYSDEC, E.H. Town | | Ongoing Capability; Working with state to address state owned areas. | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-10 | Establish a network of medical professionals willing to provide care at an Urgent Medical Facility in E.H. during events that isolate E.H. from the nearest hospital. | Nor'Easters, Severe Storms, Winter Storms, Hurricane, Flood | E.H. Town, Southampton Hospital, E.H. Healthcare Foundation | | In Progress; Have 2 Urgent Care facilities. Working with Stonybrook to establish a new medical facility near Town Hall. | Cost | | 1. Include in 2020 HMP 2. 3. |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-11 | Assess and prioritize the options available to acquire open space, with emphasis on high-hazard areas (e.g. unimproved waterfront land), and implement as funding becomes available. | Nor'Easters, Severe Storms, Winter Storms, Hurricane, Flood | E.H. Town | | In Progress; Land Acquisition Department works on this issue. | Cost | | 1. Include in 2020 HMP 2. 3. |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-12 | Assess and prioritize the options available to retrofit E.H. Town Governmental Critical Facilities with storm resistant features (shutters, generators, etc.), and implement as funding becomes | Nor'Easters, Severe Storms, Winter Storms, Hurricane, Flood | E.H. Town | | Complete; Standby generator complete at Town Hall | Cost | | 1. Discontinue 2. 3. Complete |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |



| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why. |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | available. | | | | | | | |
| East Hampton Town-13 | Assess and prioritize the options available to install drainage systems to alleviate street & property Flood, and implement as funding becomes available. | Nor' Easters, Severe Storms, Winter Storms, Hurricane, Flood | E.H. Town, NYSDEC, NYSDPW | | Ongoing County working on project running into Springs. Town Highway Department contracts out to install catch basins and dry wells as needed. | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| East Hampton Town-14 | Assess and prioritize the options available to bury existing overhead utility wires along Old Montauk Highway (in Montauk), to complement the environment, and help reduce damage during wind events; implement as funding becomes available. | Nor' Easters, Severe Storms, Winter Storms, Hurricane, Flood | LIPA, Keyspan, | | No Progress | Cost | | 1. Discontinue 2. 3. Not a municipal project |
| East Hampton Town-15 | Assess and prioritize the options available to provide incentives for residents who own property in high risk areas and demonstrate smart land use to avoid loss, and implement as funding becomes available. | All Hazards | National Grid, Verizon, Cablevision | | No Progress | Cost | | 1. Discontinue 2. 3. Not a municipal project |



| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why. |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Cost | | |
| East Hampton Town-16 | Enhance existing codes to reduce the impact of natural hazards on structures & property | All Hazards | E.H. Town | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| East Hampton Town-17 | Sandy HMGP LOI #991 - Gerard Drive Causeways #1 and #2 Storm Mitigation | Flood, Hurricane, Nor'Easter, Severe Storm | - | | Complete | Cost | | 1. Discontinue 2. 3. Complete |
| East Hampton Town-18 | Assess and prioritize the options available to construct a coastal barrier for Downtown Montauk, and implement as funding becomes available. | Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm | E.H. Town, Army Corp., NYSDEC | | Ongoing Capability; USACE completed dune construction project, Geocubes, etc. | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| East Hampton Town-19 | Assess and prioritize options to replenish beaches and minimize beach erosion, and implement as funding becomes available. | Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm | E.H. Town, NYSDEC | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| East Hampton Town-20 | Construct temporary sand dunes where walkways and other | Coastal Erosion, Flood, | E.H. Town, NYSDEC | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |



| Project # | Project Name | Hazards Addressed | Responsible Party | Brief Summary of the Original Problem and the Solution (Project) | Status (In Progress, Ongoing, No Progress, Complete) | Evaluation of Success (if complete) Blank | | Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why. |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------|------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | Damages Avoided; Evidence of Success | Cost | |
| | paths cross from the shoreline to developed areas. | Hurricane, Nor'Easter, Severe Storm | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-21 | Work with County and PSEG (formerly LIPA) to identify roads within the municipality that are considered "critical", and to be the first priority for clearing after an event involving downed power lines. | Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm | PSEG, County | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |
| East Hampton Town-22 | Participate in county led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1), specifically: <ul style="list-style-type: none"> Mitigation Education for Natural Disasters (natural hazard awareness and personal scale risk reduction, mitigation public education and outreach program) Build Local Floodplain Management and Disaster Recovery Capabilities (enhanced floodplain management, and post-disaster assessment and recovery capabilities) County-Wide Debris Management Plan Jurisdictional Knowledge of Mitigation Needs of Property Owners (improved understanding of damages and mitigation interest, activity of private property owners) Create a Multi-Jurisdictional Seismic Safety Committee in Suffolk County (build regional, county and local capabilities to manage seismic risk, both pre- and post-disaster) Alignment of Mitigation Initiatives through all levels of Government (effort to build State and Federal level recognition and support of the County and local hazard mitigation planning strategies identified in this plan). | | | | | | | |
| | Support and | All Hazards | Suffolk County | | Ongoing Capability | Cost | | 1. Discontinue 2. 3. Ongoing Capability |
| | | | | | | Level of Protection | | |
| | | | | | | Damages Avoided; Evidence of Success | | |



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of East Hampton has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2014 HMP:

- Replacement of aging generators has been addressed.

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of East Hampton participated in a mitigation action workshop in June 2020 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.15-16 summarizes the comprehensive-range of specific mitigation initiatives the Town of East Hampton would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6 (Mitigation Strategy), fourteen criteria are used to evaluate and prioritize each proposed mitigation action. A numeric factor is assigned (-1, 0, or 1) to each criterion to provide a relative indication of the opportunities and constraints of each action. A numerical sum of the input provides the basis of the prioritization of actions wherein each action is assigned a category of Low, Medium, or High to indicate an implementation hierarchy. A High priority action indicates the jurisdiction will prioritize its implementation and apply for funding, if needed, as opportunities become available during the plan period of performance. This does not prevent the jurisdiction from implementing other ranked actions; however, this provides a snapshot of implementation priority at the time of this plan update.

Table 9.15-16 provides a summary of the evaluation and prioritization for each proposed mitigation initiative. Refer to the action worksheets at the end of this annex for more details on the high-ranked hazards identified first for implementation.



Table 9.15-15. Proposed Hazard Mitigation Initiatives

| Project Number | Project Name | Goals Met | Hazard(s) to be Mitigated | Description of Problem and Solution | Critical Facility (Yes/No) | EHP Issues | Estimated Timeline | Lead Agency | Estimated Costs | Estimated Benefits | Potential Funding Sources | Priority | Mitigation Category | CRS Category |
|-----------------------|--------------------------------|------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|--------------------|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|---------------------|--------------|
| 2020-East Hampton-001 | Repetitive Loss Mitigation | 1, 2 | Flood; Severe Storm; Shallow Groundwater | <p>Problem: Frequent flooding events have resulted in damages to residential properties in the Springs, Gerard Drive, Shore Road, Sandview Drive, and Montauk neighborhoods. These properties have been repetitively flooded as documented by paid NFIP claims.</p> <p>Solution: Conduct outreach to 30 flood-prone property owners, including RL/SRL property owners and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in the flood prone areas that experience frequent flooding (high risk areas).</p> | No | None | 3 years | NFIP Floodplain Administrator, supported by homeowners; Land Acquisition Department | \$3 Million | Eliminates flood damage to homes and residents, creates open space for the municipality increasing flood storage. | FEMA HMGP and FMA, local cost share by residents | High | SIP | PP |
| 2020-East Hampton-002 | Coastal Erosion Monitoring | 1, 2, 3, 5 | Coastal Erosion, Hurricane, Nor'Easter | <p>Problem: The Town has shoreline which could be exposed to coastal erosion.</p> <p>Solution: The Town will participate in a county led erosion monitoring program. The Town will also support any other LIDAR survey efforts to basemap, inventory coastal resources (beaches, sand, dunes, etc.), and monitor, measure change after coastal erosion events.</p> | No | None | Within 1 year | SCWD, Village Administration | Staff time | Identification of coastal erosion | Municipal budget | High | NSP | NR |
| 2020-East Hampton-003 | Hazard Data Collection Program | 6, 7 | All Hazards | <p>Problem: The Town would like to develop a data collection and organization program to improve the documentation of hazard events. This may include recording high-water marks, documenting beach erosion, compiling and archiving loss data.</p> <p>Solution: The Town has begun to</p> | No | None | Within 1 year | Building Dept, Natural Resources Dept | Staff time | Record keeping of hazard events to inform future decision making | Municipal budget | High | LPR | PR, ES |



Table 9.15-15. Proposed Hazard Mitigation Initiatives

| Project Number | Project Name | Goals Met | Hazard(s) to be Mitigated | Description of Problem and Solution | Critical Facility (Yes/No) | EHP Issues | Estimated Timeline | Lead Agency | Estimated Costs | Estimated Benefits | Potential Funding Sources | Priority | Mitigation Category | CRS Category |
|-----------------------|-------------------------------------------|------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|--------------------|----------------------------|-----------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------|---------------------|--------------|
| | | | | establish this program with the Building Dept leading and the Natural Resources Dept providing assistance. | | | | | | | | | | |
| 2020-East Hampton-004 | Relocate the Ft. Pond Electric Substation | 1, 2, 8 | Flood | <p>Problem: The Ft. Pond Electric Substation is located in the floodplain. Despite hardening, the facility will lack access during flooding events.</p> <p>Solution: Assess and prioritize the options available to relocate the Ft. Pond Electric Substation out of flood prone area and implement as funding becomes available.</p> | Yes | None | Within 5 years | PSEG, Town Administration | High | Continuity of services maintained | PSEG budget | High | SIP | PP |
| 2020-East Hampton-005 | Relocate the DPW substation | 1, 2, 7, 8 | Flood | <p>Problem: The Ft. Pond DPW Substation is located in the floodplain. Despite hardening, the facility will lack access during flooding events.</p> <p>Solution: Assess and prioritize the options available to relocate the DPW Substation out of flood prone area and implement as funding becomes available. An LP Storage Tank will also be encouraged to relocate.</p> | Yes | None | Within 5 years | DPW, Administration | High | Continuity of services maintained | HMGP, Municipal budget | High | SIP | PP |
| 2020-East Hampton-006 | Expand Emergency Medical Services | 1, 7 | All Hazards | <p>Problem: The Town's location at the end of Long Island creates risk to the public as hazard events may cut off access to medical facilities.</p> <p>Solution: The Town will work with Stonybrook to establish a new medical facility near Town Hall.</p> | No | None | Within 5 years | Administration, Stonybrook | High | Continuity of medical services during hazard events | Stonybrook budget | High | SIP | ES |
| 2020-East Hampton-007 | EOC retrofit | 1, 2, 7 | Severe Storm, Severe Winter Storm, Hurricane, Nor'Easter | <p>Problem: The EOC must be protected from storm damages.</p> <p>Solution: The Town will install storm shutters on all windows at the EOC.</p> | Yes | None | Within 2 years | OEM | \$9,000 | Continuity of services maintained | HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) | High | SIP | PP |



Table 9.15-15. Proposed Hazard Mitigation Initiatives

| Project Number | Project Name | Goals Met | Hazard(s) to be Mitigated | Description of Problem and Solution | Critical Facility (Yes/No) | EHP Issues | Estimated Timeline | Lead Agency | Estimated Costs | Estimated Benefits | Potential Funding Sources | Priority | Mitigation Category | CRS Category |
|-----------------------|------------------------------------------|------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|--------------------|-------------|-----------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|--------------|
| 2020-East Hampton-008 | Relocate Senior Citizen Nutrition Center | 1, 2, 7, 8 | All Hazards | <p>Problem: The Senior Citizen Nutrition Center is also the special needs emergency shelter. The building needs to be rehabbed. The facility is centrally located in the town. The current property size doesn't allow for a new rebuild on site.</p> <p>Solution: The Town will identify a new centralized location in the Town and rebuild the Center to meet the necessary requirements to be a special needs emergency shelter. The Town will build the facility or retrofit the facility to be able to withstand hazard events.</p> | Yes | None | Within 5 years | OEM | \$500,000 | Sheltering services maintained and protected | Program, Municipal budget HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal budget | High | SIP | PP |
| 2020-East Hampton-009 | Critical Facilities Outreach | 2, 6 | Flood | <p>Problem: Numerous critical facilities are located in the 100-year floodplain. The following critical facilities are not under the Town's jurisdiction:</p> <ul style="list-style-type: none"> • East Hampton Rail Station • Marketspan Combustion Turbine Generator • PSEG LI Montauk 9uu Substation • NYS DOT East Hampton • Montauk Tier 2 <p>Solution: The FPA will conduct outreach to facility managers to discuss flood exposure and potential mitigation actions.</p> | Yes 💧 | None | Within 6 months | FPA | Staff time | Facility managers aware of risk and potential mitigation steps | Municipal budget | High | EAP | PI |
| 2020-East Hampton-010 | EH Town Dock, Three Mile Harbor | 1, 8 | Flood, Hurricane, Nor'Easter, Severe Storm | <p>Problem: The EH Town Dock has experienced damage in past events and remains vulnerable.</p> <p>Solution: Elevate the electrical infrastructure (electric meters, power pedestals, etc.) to reduce the potential safety hazards and damage to</p> | No | None | Within 5 years | DPW | \$67,000 | Dock protected from flood and storm damages | HMGP, BRIC, Municipal budget | High | SIP | PP |



Table 9.15-15. Proposed Hazard Mitigation Initiatives

| Project Number | Project Name | Goals Met | Hazard(s) to be Mitigated | Description of Problem and Solution | Critical Facility (Yes/No) | EHP Issues | Estimated Timeline | Lead Agency | Estimated Costs | Estimated Benefits | Potential Funding Sources | Priority | Mitigation Category | CRS Category |
|-----------------------|------------------------------------------|-----------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|--------------------|-------------|-----------------|-----------------------------------------|------------------------------|----------|---------------------|--------------|
| | | | | equipment during severe storms/flooding. | | | | | | | | | | |
| 2020-East Hampton-011 | EH Town Commercial Fishing Dock, Montauk | 1, 8 | Flood, Hurricane, Nor'Easter, Severe Storm | <p>Problem: The EH Town Commercial Fishing Dock in Montauk has suffered storm damage in past events and remains vulnerable.</p> <p>Solution: The Town will stabilize and harden the dock structure.</p> | No | None | Within 5 years | DPW | \$1.7 million | Dock protected, local economy protected | HMGP, BRIC, Municipal budget | High | SIP | PP |

Notes:

Not all acronyms and abbreviations defined below are included in the table.

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- EHP Environmental Planning and Historic Preservation
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- N/A Not applicable
- NFIP National Flood Insurance Program
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- PDM Pre-Disaster Mitigation Grant Program

Timeline:

The time required for completion of the project upon implementation

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Critical Facility:

Yes Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.



- *Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities*

CRS Category:

- *Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.*
- *Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.*
- *Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.*
- *Natural Resource Protection (NR) - Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.*
- *Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.*
- *Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities*

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Table 9.15-16. Summary of Prioritization of Actions

| Project Number | Project Name | Life Safety | Property Protection | Cost-Effectiveness | Technical | Political | Legal | Fiscal | Environmental | Social | Administrative | Multi-Hazard | Timeline | Agency Champion | Other Community Objectives | Total | High / Medium / Low |
|-----------------------|-------------------------------------------|-------------|---------------------|--------------------|-----------|-----------|-------|--------|---------------|--------|----------------|--------------|----------|-----------------|----------------------------|-------|---------------------|
| 2020-East Hampton-001 | Repetitive Loss Mitigation | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 10 | High |
| 2020-East Hampton-002 | Coastal Erosion Monitoring | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 11 | High |
| 2020-East Hampton-003 | Hazard Data Collection Program | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | High |
| 2020-East Hampton-004 | Relocate the Ft. Pond Electric Substation | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 10 | High |
| 2020-East Hampton-005 | Relocate the DPW substation | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 11 | High |
| 2020-East Hampton-006 | Expand Emergency Medical Services | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 10 | High |
| 2020-East Hampton-007 | EOC retrofit | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | High |
| 2020-East Hampton-008 | Relocate Senior Citizen Nutrition Center | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 12 | High |
| 2020-East Hampton-009 | Critical Facilities Outreach | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | High |
| 2020-East Hampton-010 | EH Town Dock, Three Mile Harbor | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 11 | High |
| 2020-East Hampton-011 | EH Town Commercial Fishing Dock, Montauk | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 11 | High |

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).



9.15.11 Proposed Mitigation Action Types

The table below indicates the range of proposed mitigation action categories.

Table 9.15-17. Analysis of Mitigation Actions by Hazard and Category

| Hazard | FEMA | | | | CRS | | | | | |
|---------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----|----------------------------------------------|
| | LPR | SIP | NSP | EAP | PR | PP | PI | NR | SP | ES |
| Coastal Erosion | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | 2020-East Hampton-002 | | 2020-East Hampton-003 | 2020-East Hampton-008 | | 2020-East Hampton-002 | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Cyber Security | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Disease Outbreak | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Drought | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Earthquake | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Expansive Soils | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Extreme Temperature | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Flood | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-004, 2020-East Hampton-005, 2020-East Hampton-006, 2020-East Hampton-008, 2020-East Hampton-010, | | 2020-East Hampton-009 | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-004, 2020-East Hampton-005, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | 2020-East Hampton-009 | | | 2020-East Hampton-003, 2020-East Hampton-006 |



| Hazard | FEMA | | | | CRS | | | | | |
|----------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|-----------------------|-------------------------------------------------------------------------------------------------------------------|----|-----------------------|----|----------------------------------------------|
| | LPR | SIP | NSP | EAP | PR | PP | PI | NR | SP | ES |
| | | 2020-East Hampton-011 | | | | | | | | |
| Groundwater Contamination | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Hurricane | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | 2020-East Hampton-002 | | 2020-East Hampton-003 | 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | | 2020-East Hampton-002 | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Infestation and Invasive Species | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Nor'easter | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | 2020-East Hampton-002 | | 2020-East Hampton-003 | 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | | 2020-East Hampton-002 | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Severe Storm | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-006, 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | | | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-007, 2020-East Hampton-008, 2020-East Hampton-010, 2020-East Hampton-011 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Severe Winter Storm | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East | | | 2020-East Hampton-003 | 2020-East Hampton-007, 2020-East | | | | 2020-East Hampton-003, 2020-East |



| Hazard | FEMA | | | | CRS | | | | | |
|---------------------|-----------------------|---------------------------------------------------------------------|-----|-----|-----------------------|----------------------------------------------|----|----|----|----------------------------------------------|
| | LPR | SIP | NSP | EAP | PR | PP | PI | NR | SP | ES |
| | | Hampton-007, 2020-East Hampton-008 | | | | Hampton-008 | | | | Hampton-006 |
| Shallow Groundwater | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-001, 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |
| Wildfire | 2020-East Hampton-003 | 2020-East Hampton-006, 2020-East Hampton-008 | | | 2020-East Hampton-003 | 2020-East Hampton-008 | | | | 2020-East Hampton-003, 2020-East Hampton-006 |

Note: Section 6 (Mitigation Strategy) provides for an explanation of the mitigation categories.

9.15.12 Staff and Local Stakeholder Involvement in Annex Development

The Town of East Hampton followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many Town departments, including: Emergency Preparedness. The Emergency Preparedness Coordinator represented the community on the Suffolk County Hazard Mitigation Plan Planning Partnership, Steering Committee, and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes who participated and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.15-19. Contributors to the Annex

| Name | Title/Entity | Method of Participation |
|-------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Bruce Bates | Emergency Preparedness Coordinator | Primary Point of Contact, attended plan participant meetings, provided impact data, contributed to mitigation strategy |
| Kent Howie | Deputy Emergency Preparedness Coordinator | Secondary Point of Contact |
| Ann Glenon | Principal Building Inspector | NFIP Floodplain Administrator |

9.15.13 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of East Hampton that illustrate the probable areas that may be impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are considered to be adequate for planning purposes. The maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of East Hampton has significant exposure.



Figure 9.15-1. Town of East Hampton Hazard Area Extent and Location Map 1

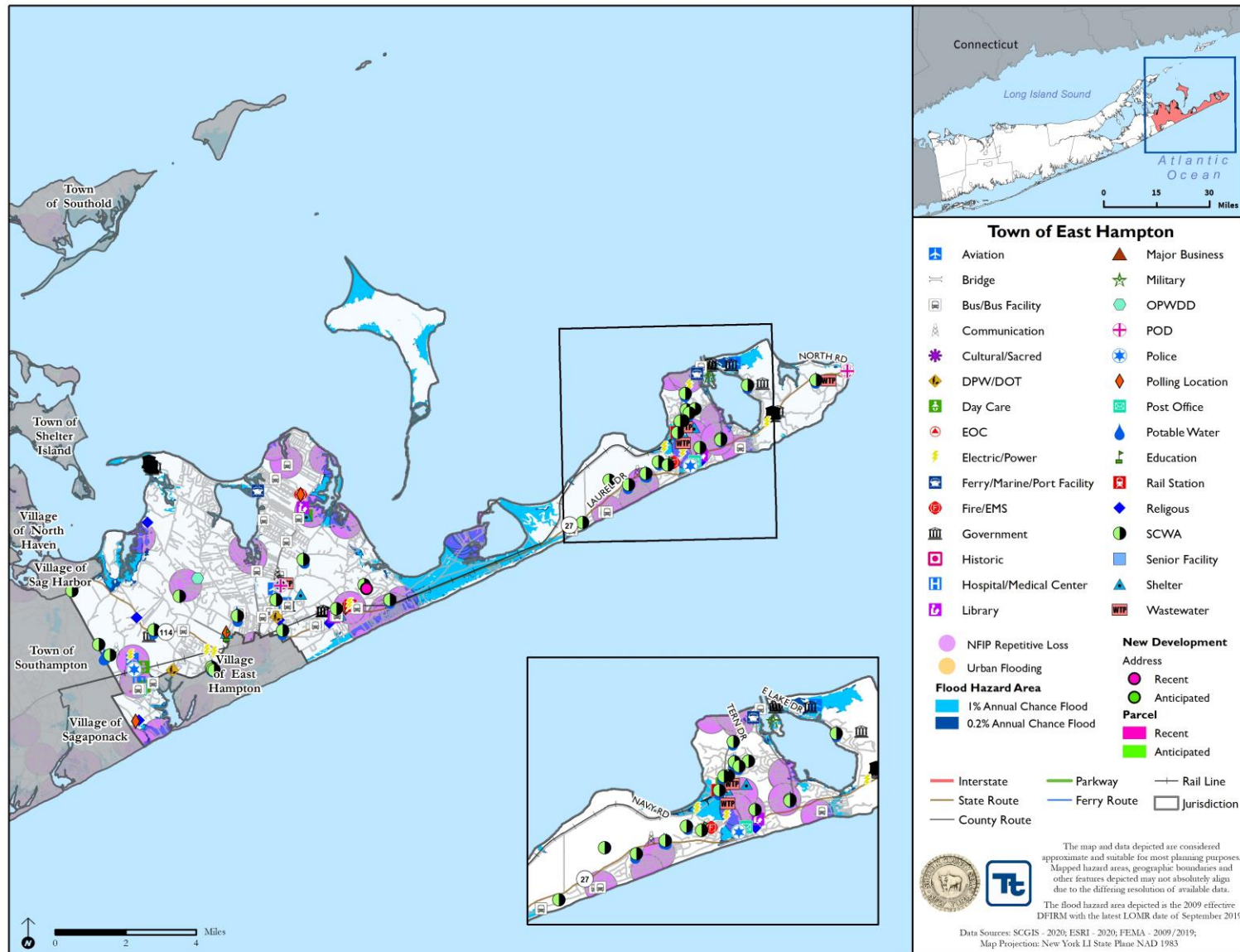




Figure 9.15-2. Town of East Hampton Hazard Area Extent and Location Map 2

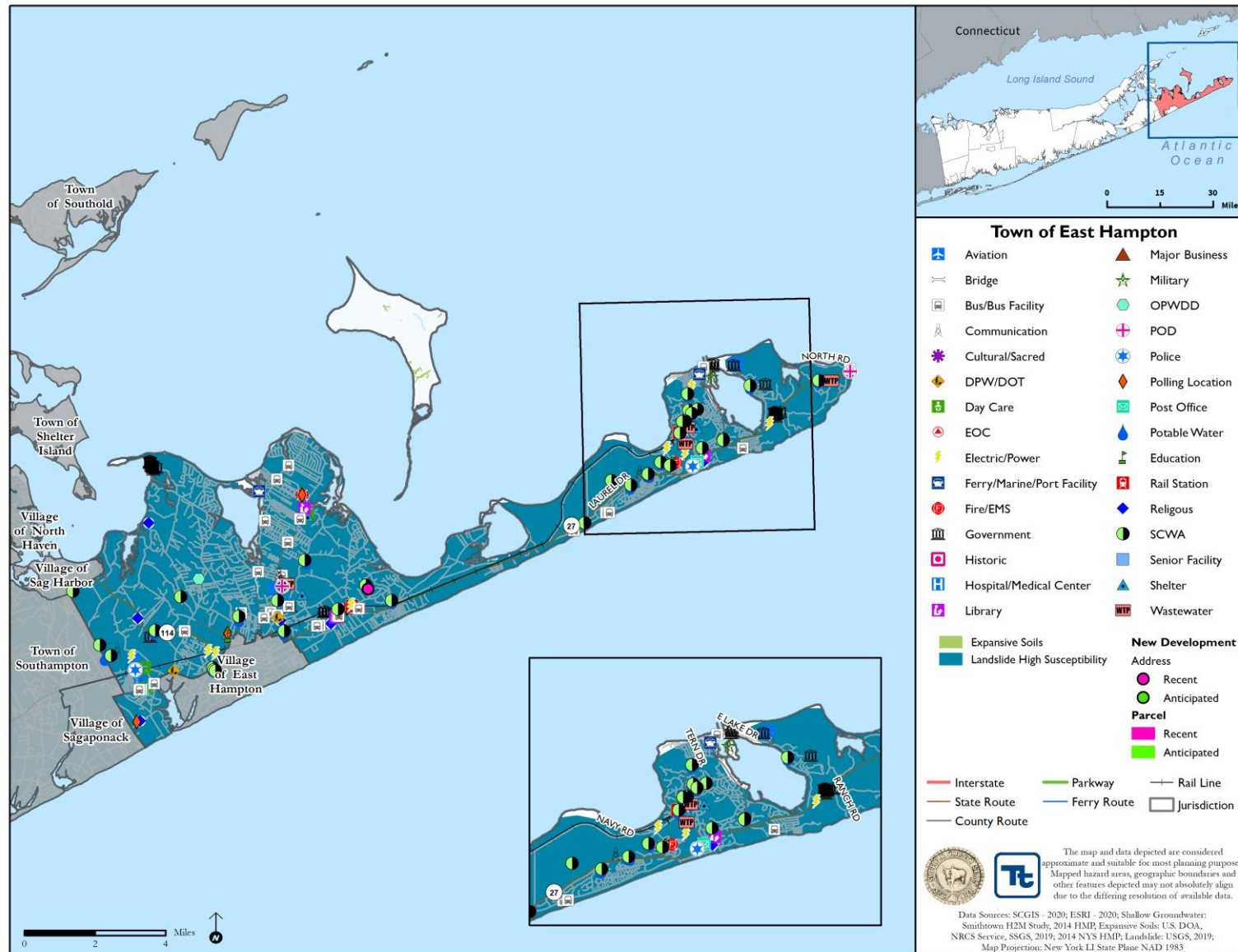




Figure 9.15-3. Town of East Hampton Hazard Area Extent and Location Map 3

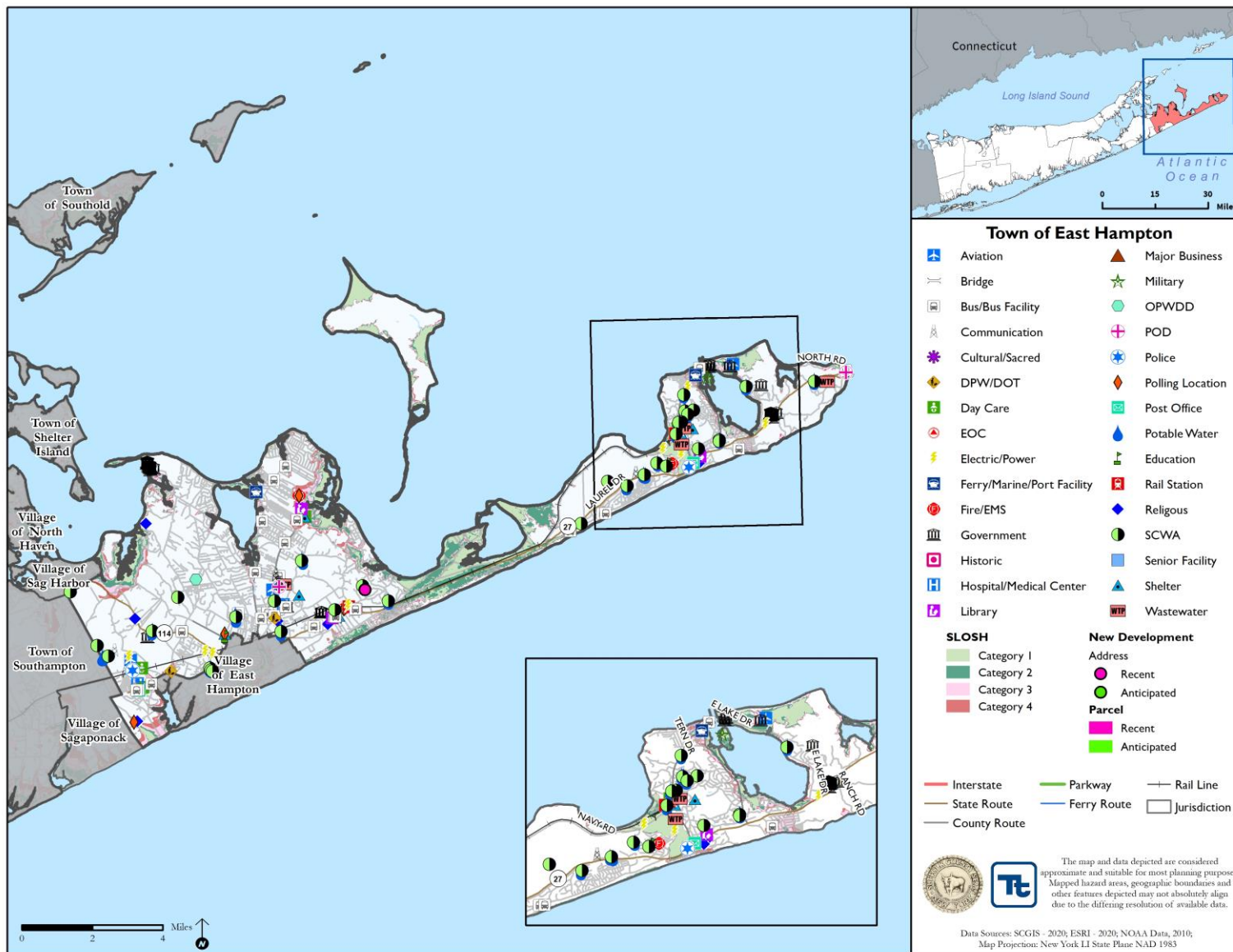




Figure 9.15-4. Town of East Hampton Hazard Area Extent and Location Map 4

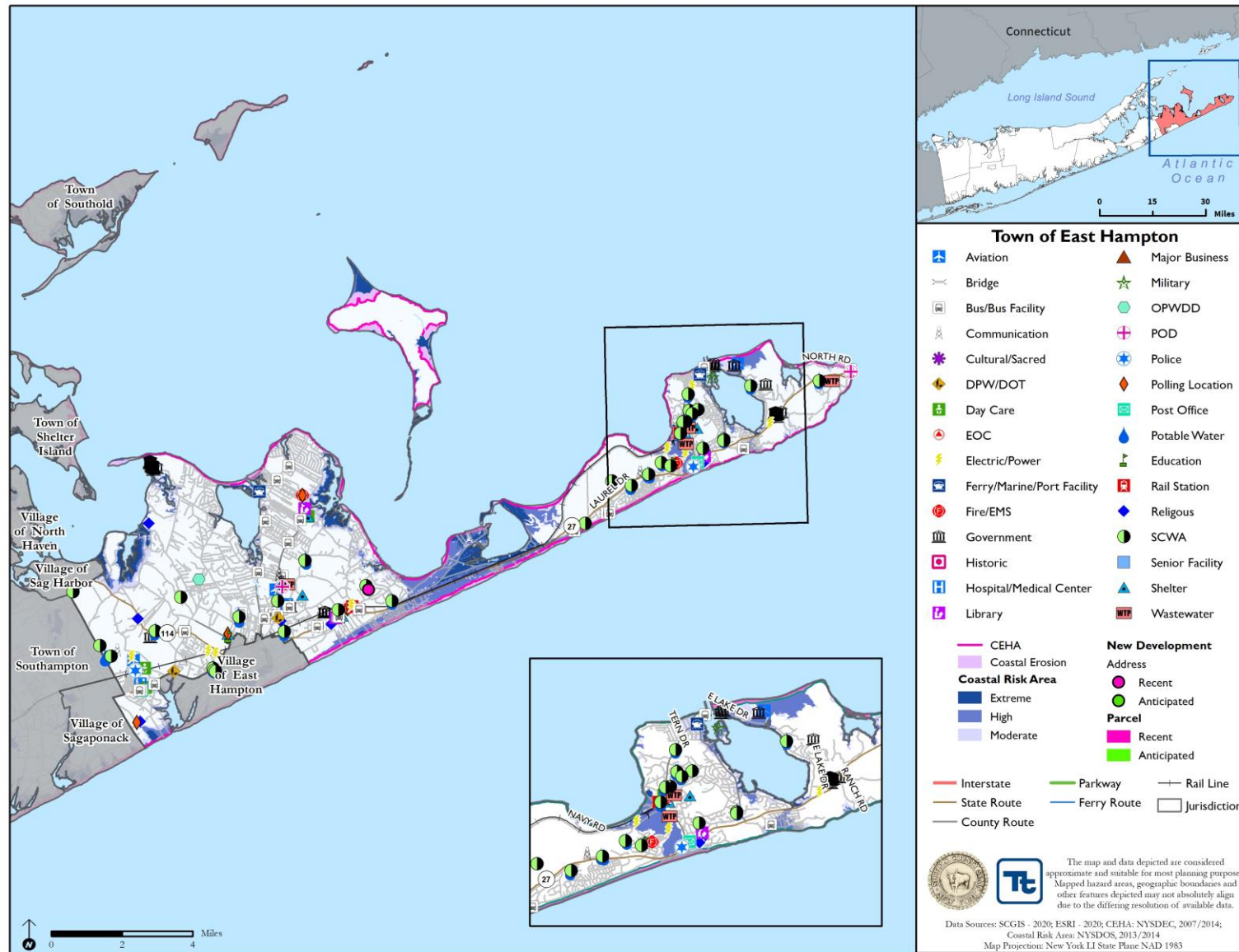




Figure 9.15-5. Town of East Hampton Hazard Area Extent and Location Map 5

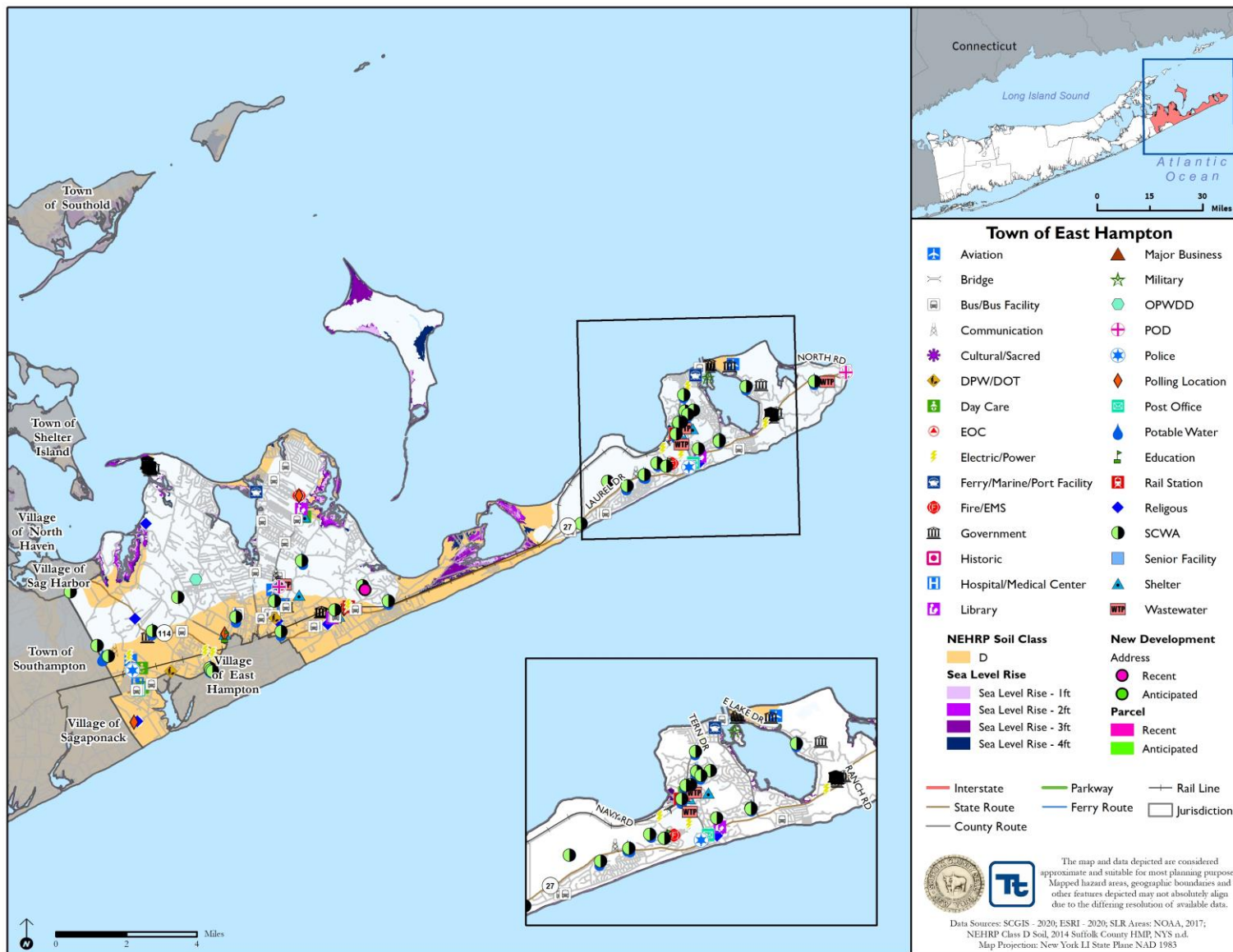
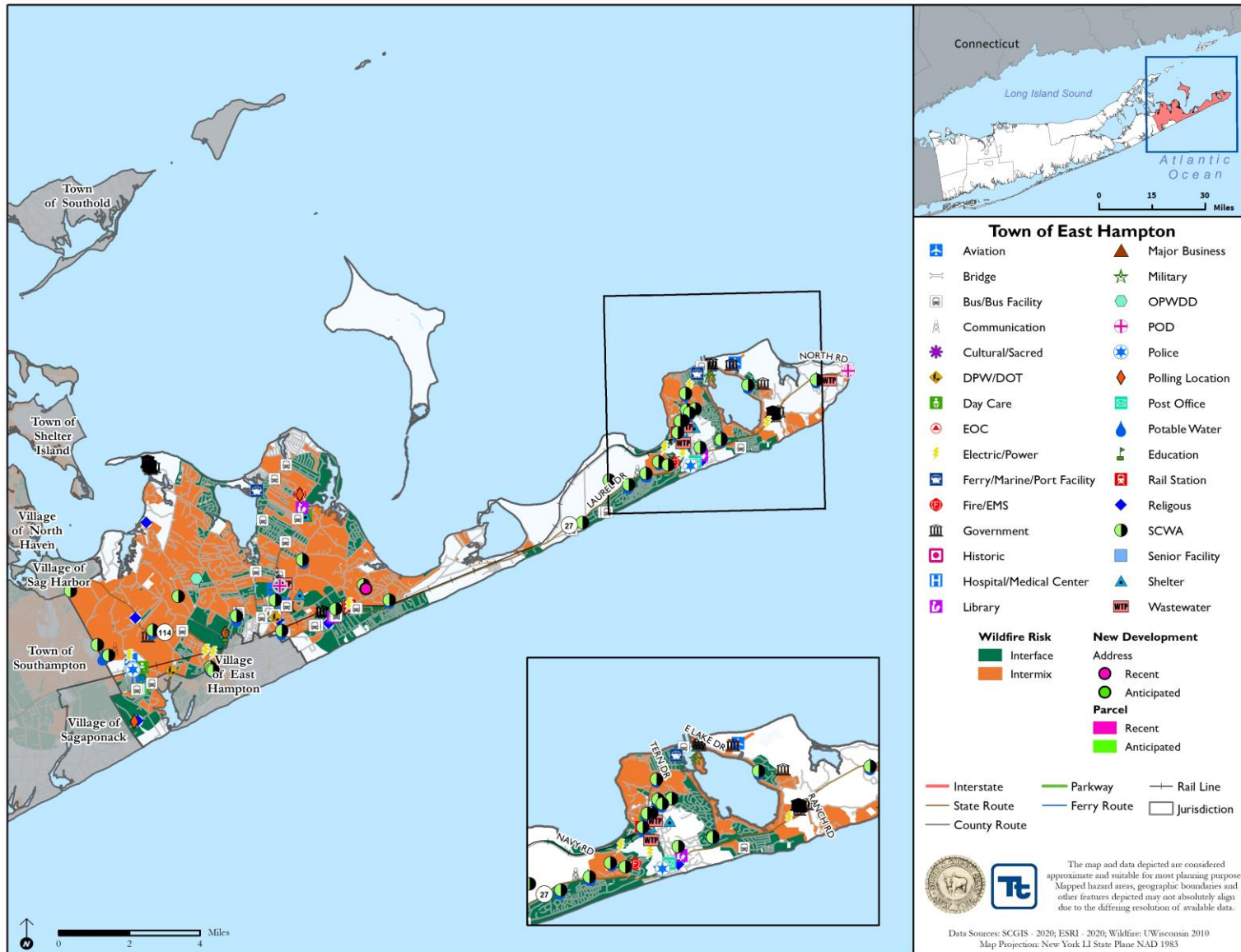




Figure 9.15-6. Town of East Hampton Hazard Area Extent and Location Map 6





| Action Worksheet | | | |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Name: | Repetitive Loss Mitigation | | |
| Project Number: | 2020-East Hampton-001 | | |
| Risk / Vulnerability | | | |
| Hazard(s) of Concern: | Flood, Severe Storm | | |
| Description of the Problem: | Frequent flooding events have resulted in damages to residential properties in the Springs, Gerard Drive, Shore Road, Sandview Drive, and Montauk neighborhoods. These properties have been repetitively flooded as documented by paid NFIP claims. | | |
| Action or Project Intended for Implementation | | | |
| Description of the Solution: | Conduct outreach to 30 flood-prone property owners, including RL/SRL property owners and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in the flood prone areas that experience frequent flooding (high risk areas). | | |
| Is this project related to a Critical Facility or Lifeline? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Is this project related to a Critical Facility located within the 100-year floodplain? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Level of Protection: | 1% annual chance flood event + freeboard (<i>in accordance with flood ordinance</i>) | Estimated Benefits (losses avoided): | Eliminates flood damage to homes and residents, creates open space for the municipality increasing flood storage. |
| Useful Life: | Acquisition: Lifetime Elevation: 30 years (residential) | Goals Met: | 1, 2 |
| Estimated Cost: | \$3Million | Mitigation Action Type: | Structure and Infrastructure Project |
| Plan for Implementation | | | |
| Prioritization: | High | Desired Timeframe for Implementation: | 6-12 months |
| Estimated Time Required for Project Implementation: | Three years | Potential Funding Sources: | FEMA HMGP and FMA, local cost share by residents |
| Responsible Organization: | NFIP Floodplain Administrator, supported by homeowners | Local Planning Mechanisms to be Used in Implementation if any: | Hazard Mitigation |
| Three Alternatives Considered (including No Action) | | | |
| Alternatives: | Action | Estimated Cost | Evaluation |
| | No Action | \$0 | Current problem continues |
| | Elevate homes | \$500,000 | When this area floods, the entire area is impacted; elevating homes would not eliminate the problem and still lead to road closures and impassable roads |
| Elevate roads | \$500,000 | Elevated roadways would not protect the homes from flood damages | |
| Progress Report (for plan maintenance) | | | |
| Date of Status Report: | | | |
| Report of Progress: | | | |
| Update Evaluation of the Problem and/or Solution: | | | |



| Action Worksheet | | |
|-----------------------------------|----------------------------|-----------------------------------------------------------------------|
| Project Name: | Repetitive Loss Mitigation | |
| Project Number: | 2020-East Hampton-001 | |
| Criteria | Numeric Rank (-1, 0, 1) | Provide brief rationale for numeric rank when appropriate |
| Life Safety | 1 | Families moved out of high-risk flood areas. |
| Property Protection | 1 | Properties removed from high-risk flood areas. |
| Cost-Effectiveness | 1 | Cost-effective project |
| Technical | 1 | Technically feasible project |
| Political | 1 | |
| Legal | 1 | The Town has the legal authority to conduct the project. |
| Fiscal | 0 | Project will require grant funding. |
| Environmental | 1 | |
| Social | 0 | Project would remove families from the flood prone areas of the Town. |
| Administrative | 0 | |
| Multi-Hazard | 1 | Flood, Severe Storm |
| Timeline | 0 | |
| Agency Champion | 1 | NFIP Floodplain Administrator, supported by homeowners |
| Other Community Objectives | 1 | |
| Total | 10 | |
| Priority (High/Med/Low) | High | |



| Action Worksheet | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Project Name: | EOC retrofit | | |
| Project Number: | 2020-East Hampton-008 | | |
| Risk / Vulnerability | | | |
| Hazard(s) of Concern: | Severe Storm, Severe Winter Storm, Hurricane, Nor'Easter | | |
| Description of the Problem: | The Emergency Operations Center must be protected from storm damages. The facility has had other retrofits completed but the windows currently remain at risk. | | |
| Action or Project Intended for Implementation | | | |
| Description of the Solution: | The Town will install storm shutters on all windows at the Emergency Operations Center. | | |
| Is this project related to a Critical Facility? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Is this project related to a Critical Facility located within the 100-year floodplain? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| (If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater) | | | |
| Level of Protection: | Storm shutters installed | Estimated Benefits (losses avoided): | EOC protected from storm damages |
| Useful Life: | 25 years | Goals Met: | 1, 2, 7 |
| Estimated Cost: | \$9,000 | Mitigation Action Type: | Structure and Infrastructure Project |
| Plan for Implementation | | | |
| Prioritization: | High | Desired Timeframe for Implementation: | Within 2 years |
| Estimated Time Required for Project Implementation: | 3 months | Potential Funding Sources: | FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town budget |
| Responsible Organization: | OEM | Local Planning Mechanisms to be Used in Implementation if any: | Hazard mitigation, emergency management |
| Three Alternatives Considered (including No Action) | | | |
| Alternatives: | Action | Estimated Cost | Evaluation |
| | No Action | \$0 | Problem continues. |
| | Remove all windows from EOC | \$20,000 | Costly |
| | Build a new EOC without facilities | \$1 million | Costly and unnecessary |
| Progress Report (for plan maintenance) | | | |
| Date of Status Report: | | | |
| Report of Progress: | | | |
| Update Evaluation of the Problem and/or Solution: | | | |



| Evaluation and Prioritization | | |
|-----------------------------------|-------------------------|-----------------------------------------------------------|
| Project Name: | EOC retrofit | |
| Project Number: | 2020-East Hampton-008 | |
| Criteria | Numeric Rank (-1, 0, 1) | Provide brief rationale for numeric rank when appropriate |
| Life Safety | 1 | Project will expand and protect critical services |
| Property Protection | 1 | Project will protect EOC from storm damages |
| Cost-Effectiveness | 1 | |
| Technical | 1 | The project is technically feasible |
| Political | 1 | The project has public support |
| Legal | 1 | The Town has the legal authority to complete the project |
| Fiscal | 0 | Project requires funding support |
| Environmental | 1 | |
| Social | 1 | |
| Administrative | 1 | |
| Multi-Hazard | 1 | Severe Storm, Severe Winter Storm, Hurricane, Nor'Easter |
| Timeline | 1 | Within 2 years |
| Agency Champion | 1 | OEM |
| Other Community Objectives | 1 | |
| Total | 13 | |
| Priority (High/Med/Low) | High | |



| Action Worksheet | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Project Name: | Relocate Senior Citizen Nutrition Center | | |
| Project Number: | 2020-East Hampton-008 | | |
| Risk / Vulnerability | | | |
| Hazard(s) of Concern: | All Hazards | | |
| Description of the Problem: | The Senior Citizen Nutrition Center is also the special needs emergency shelter. The building needs to be rehabbed. The facility is centrally located in the town. The current property size doesn't allow for a new rebuild on site. | | |
| Action or Project Intended for Implementation | | | |
| Description of the Solution: | The Town will identify a new centralized location in the Town and rebuild the Center to meet the necessary requirements to be a special needs emergency shelter. The Town will build the facility or retrofit the facility to be able to withstand hazard events. | | |
| Is this project related to a Critical Facility? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Is this project related to a Critical Facility located within the 100-year floodplain? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| (If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater) | | | |
| Level of Protection: | Expanded special needs facility built to code | Estimated Benefits (losses avoided): | Emergency facilities for special needs sheltering protected and expanded |
| Useful Life: | 25 years | Goals Met: | 1, 2, 7, 8 |
| Estimated Cost: | \$500,000 | Mitigation Action Type: | Structure and Infrastructure Project |
| Plan for Implementation | | | |
| Prioritization: | High | Desired Timeframe for Implementation: | Within 5 years |
| Estimated Time Required for Project Implementation: | 1 year | Potential Funding Sources: | FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town budget |
| Responsible Organization: | OEM | Local Planning Mechanisms to be Used in Implementation if any: | Hazard mitigation, emergency management |
| Three Alternatives Considered (including No Action) | | | |
| Alternatives: | Action | Estimated Cost | Evaluation |
| | No Action | \$0 | Problem continues. |
| | Purchase multi-use trailers | \$500,00 per trailer | Require deployment, limited space |
| | Retrofit and expand the current facility | N/A | Not enough space to expand the facility |
| Progress Report (for plan maintenance) | | | |
| Date of Status Report: | | | |
| Report of Progress: | | | |
| Update Evaluation of the Problem and/or Solution: | | | |



| Evaluation and Prioritization | | |
|--------------------------------|------------------------------------------|-----------------------------------------------------------|
| Project Name: | Relocate Senior Citizen Nutrition Center | |
| Project Number: | 2020-East Hampton-008 | |
| Criteria | Numeric Rank (-1, 0, 1) | Provide brief rationale for numeric rank when appropriate |
| Life Safety | 1 | Project will expand and protect sheltering services |
| Property Protection | 1 | Project will protect building from storm damages |
| Cost-Effectiveness | 1 | |
| Technical | 1 | The project is technically feasible |
| Political | 1 | The project has public support |
| Legal | 1 | The Town has the legal authority to complete the project |
| Fiscal | 0 | Project requires funding support |
| Environmental | 1 | |
| Social | 1 | |
| Administrative | 1 | |
| Multi-Hazard | 1 | All hazards |
| Timeline | 0 | Within 5 years |
| Agency Champion | 1 | OEM |
| Other Community Objectives | 1 | |
| Total | 12 | |
| Priority (High/Med/Low) | High | |