

Section 1: Community Plan Checklist		Yes	No	Adoption Year	Update Frequency	Notes
1.1	Municipal Master Plan	x		2017		City of Beacon Comprehensive Plan Update
1.2	Zoning Ordinance	x		1977		And Adopted Zoning Revisions (2017)
1.3	Subdivision Ordinance	x		2004		
1.4	Open Space Plan		x			
1.5	Natural Resource Conservation Plan		x			
1.6	Stormwater Management Plan		x	2007		Stormwater Management and Erosion and Sediment Control (ordinance)
1.7	Coastal Plan or Element in Other Plan		x			
1.8	Shoreline Restoration Plan		x			
1.9	Coastal Erosion Hazard Area Ordinance		x			
1.10	Multi-Hazard Mitigation Plan	x		2016		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon
1.11	Floodplain Management Plan		x			
1.12	Flood Damage Prevention Ordinance	x		2012		
1.13	Evacuation Plan		x			
1.14	Emergency Response & Short-term Recovery Plan	x		2013		Emergency Management Plan
1.15	Continuity of Operations Plan		x			
1.16	Disaster Recovery Plan		x			
1.17	Long-term Recovery Plan		x			
1.18	Economic Development Plan/Strategy		x			
1.19	Capital Improvements Plan		x			
1.20	Metropolitan Transportation Plan		x			
1.21	Historic Preservation Plan	x		1991		Historic Preservation Ordinance
1.22	Local Waterfront Revitalization Plan	x		2012		City of Beacon Local Waterfront Revitalization Program
1.23	Climate Action Plan					
1.24	Other: Comprehensive Water Supply Plan	x		2018		
1.25	Other: Drought Emergency Plan	x		2002		

Section 2: Vulnerability & Risk Assessments		Yes	No	N/A	Notes	Definitions	References
2.1	Does the municipality have a localized hazard risk and vulnerability assessment?	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Pg 9.2-2: A Hazard Vulnerability and Ranking was completed as part of the Hazard Mitigation Plan, but it could be more comprehensive.		
2.2	Have current and future climate hazards been identified?	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Pg 9.2-2	Climate hazards include higher temperatures, heavy precipitation, sea-level rise, storm surge & flooding, disruption of natural resource life cycles and a variety of human health risks.	Impacts of climate change
2.3	Have potential risks been prioritized as follows?						
2.3.1	Likelihood of a given effect, e.g. virtually certain/already occurring, high, moderate, low	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
2.3.2	Magnitude of consequence, e.g., disruption of internal operations, capital and operating costs, number of people affected, public health, economy, and environment.	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2: Yes, but only monetary cost		
2.3.3	Are conditions identified that could amplify the effect of a hazard, e.g. storm surge inundation at a high tide or erosion of stabilized shorelines?		x				
2.4	Have municipal employees utilized any of the following vulnerability assessment modalities?						
2.4.1	HAZUS-MH	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2	HAZUS-MH - a tool developed by FEMA to help communities estimate potential losses from natural disasters.	HAZUS-MH
2.4.2	Other:						
2.5	Are municipal employees <u>trained</u> in the use of FEMA's HAZUS-MH?		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Table 9.2-7 Administrative and Technical Capabilities; Pg 9.2-7		
2.6	Have adaptation strategies been identified and categorized as follows:						
2.6.1	Type		x		Adaptation strategies have not been integrated into the plan yet		
2.6.2	Administration		x		Adaptation strategies have not been integrated into the plan yet		
2.6.3	Condition		x		Adaptation strategies have not been integrated into the plan yet		
2.6.4	Timing		x		Adaptation strategies have not been integrated into the plan yet		
2.6.5	Geography		x		Adaptation strategies have not been integrated into the plan yet		
2.7	Have adaptation strategies been evaluated and prioritized as follows:						
2.7.1	Strategy cost		x		Adaptation strategies have not been integrated into the plan yet		
2.7.2	Strategy feasibility		x		Adaptation strategies have not been integrated into the plan yet		
2.7.3	Timing of Implementation		x		Adaptation strategies have not been integrated into the plan yet		
2.7.4	Efficacy		x		Adaptation strategies have not been integrated into the plan yet		
2.7.5	Co-benefits		x		Adaptation strategies have not been integrated into the plan yet		
2.8	Have stakeholders linked adaptation strategies to the capital budget and rehabilitation cycles?		x		Adaptation strategies have not been integrated into the plan yet		
2.9	Are maps used to spatially define the following vulnerabilities in relationship to risks?						
2.9.1	Populations, e.g., elderly, children, poor, disabled		x				
2.9.2	Buildings, e.g., business and residential		x				

2.9.3 Infrastructure, e.g. roads, schools, wastewater treatment facilities, hospitals, public works, power plants, drinking water treatment facilities	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Figure 9.2-1 City of Beacon Hazard Area Extent and Location Map 1; Pg 9.2-20		
2.9.4 Natural resources, e.g. wetlands, critical habitats, rare species, dunes, beaches, bluffs		x			
2.9.5 Cultural resources, e.g., historic districts, properties, and landmarks, libraries, museums, recreational areas	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Figure 9.2-1 City of Beacon Hazard Area Extent and Location Map 1; Pg 9.2-20; Some cultural resources are addressed		
2.10 Have the following been identified as climate risks to the community?					
2.10.1 Extreme precipitation and riverine flooding	x		Dutchess County Hazard Mitigation Plan; Section 5.4.5 Flood; Pg 5.4.5-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
2.10.2 Landslides	x		Dutchess County Hazard Mitigation Plan; Section 5.4.3 Earthquake; Pg 5.4.3-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2 (Earthquake)	*According to the USGS, they are in a landslide zone*	
2.10.3 Sea-level rise		x	Dutchess County Hazard Mitigation Plan; Section 5.4.5 Flood; Pg 5.4.5-5; Included at county level, but not identified as a climate risk by the community		
2.10.4 Coastal storms, storm surge, and coastal flooding	x		Dutchess County Hazard Mitigation Plan; Section 5.4.1 Coastal Hazards; Pg 5.4.1-2; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
2.10.5 Extreme temperatures and heat waves	x		Dutchess County Hazard Mitigation Plan; Section 5.4.4 Extreme Temperature; Pg 5.4.4-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
2.10.6 High winds	x		Dutchess County Hazard Mitigation Plan; Section 5.4.6 Severe Weather; Pg 5.4.6-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking (Severe Storms); Pg 9.2-2		
2.10.7 Heavy snow and/or ice storms	x		Dutchess County Hazard Mitigation Plan; Section 5.4.7 Severe Winter Storm; Pg 5.4.7-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking (Winter Storms); Pg 9.2-2		
2.11 Are municipal planners and emergency managers trained in the use of the following risk-mapping tools?					
2.11.1 Flood insurance rate maps		x	Somewhat (Information provided by the Building Inspector)	Flood Insurance Rate Maps, or FIRMS, are official maps produced by FEMA that identify areas at risk of flooding, as well as National Flood Insurance risk premium zones in a community.	FIRMS
2.11.2 Sea, Lake and Overland Surges from hurricanes		x	Information provided by the Building Inspector	Storm Surge is an abnormal rise of water generated by a storm, often a hurricane.	SLOSH
2.11.3 Shoreline change analysis		x	Information provided by the Building Inspector	Shoreline changes through erosion or accretion can be analyzed in geographic information system (GIS).	NOAA Shoreline website

2.11.4 Cumulative risk assessments		x	Information provided by the Building Inspector	A tool to assist communities in understanding the aggregation of risks from multiple environmental stressors.	USEPA Cumulative Risk Assessment Framework
2.11.5 Sea level rise inundation maps		x	Information provided by the Building Inspector	Mapping tools to help communities visualize impacts from coastal flooding and sea-level rise.	NOAA Sea Level Rise Viewer
2.11.6 Other:					
2.12 Have vulnerability and risk assessments been directly shared with municipal planners, public work officials, transportation planners, and other appropriate municipal, county or state officials?		x	Information provided by the City Administrator		
2.13 Has inland (riverine) flooding been identified as a hazard in this community? If yes, complete the following:		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Other Vulnerabilities Identified; pg 9.2-4: "During heavy rainfall events or significant snow melt, residential properties downstream of the Hiddenbrook property experience destructive and potentially dangerous flooding"		
2.13.1 Are emergency managers and planners aware of potential riverine flooding extents in the community?		x	Not sure (Information provided by the Building Inspector)		
2.13.2 Are local planners, emergency managers and public works officials aware of the location of riverine repetitive loss properties?		x	Not sure (Information provided by the Building Inspector)		
2.13.3 Does the community track riverine repetitive loss properties within the National Flood Insurance Program ?		x	Not sure (Information provided by the Building Inspector)	National Flood Insurance Program , or NFIP, a federally-subsidized insurance program aimed at reducing the impact of flooding on private and public structures.	NFIP
2.13.4 Do any plans or reports describe the damage and cost of previous storms, riverine floods, or erosion?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-2 Hazard Event History; Pg 9.2-2: Mentions previous events, but no cost given		
2.13.5 Do any plans or reports estimate future financial losses that may result from riverine flooding?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Pg 9.2-2: Only gives estimate for general flooding, not riverine flooding		
2.14 Have sea-level rise, coastal storms, storm surge and coastal flooding been identified as hazards? If so, answer the following:		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Hazard Vulnerability and Ranking; Pg 9.2-2: Only coastal storms have been identified as hazards	Department of State Coastal Boundary Map: https://www.dos.ny.gov/opd/atlas/	
2.14.1 Are emergency managers and planners aware of potential coastal flooding extents in the community?		x	Not identified as a climate risk by the community		
2.14.2 Are local planners, emergency managers and public works officials aware of the location of coastal repetitive loss properties?		x	Not sure (Information provided by the Building Inspector)		
2.14.3 Does the community track riverine coastal loss properties within the National Flood Insurance Program?		x	Information provided by the Building Inspector		
2.14.4 Do any plans or reports describe the damage and cost of previous coastal storms, floods, or erosion?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-2 Hazard Event History; Pg 9.2-2: Mentions previous events, but no cost given		
2.14.5 Is a significant part of the community in a V-zone or A-zone as defined on a FEMA flood insurance rate map?		x	Only a small portion (https://msc.fema.gov/portal/search#searchresultsanchor)		
2.14.6 Does the community contain lands within the Coastal Erosion Hazard Area ?		x	This community is not designated as a Coastal Erosion Hazard Area. According to the DEC website: "The coastlines along Lake Erie and Lake Ontario, Long Island Sound, and the Atlantic Ocean coastline of NYC and Long Island are at risk to coastal erosion from natural and human activities and are regulated. *These are the only areas currently mapped as coastal erosion hazard areas require a Coastal Erosion Hazard Area (CEHA) permit"- http://www.dec.ny.gov/lands/28923.html	Coastal Erosion Hazard Areas are coastal shoreline areas that are vulnerable to erosion, and are identified in maps produced by NYS DEC. Coastal Erosion Hazard Areas are regulated and permits are required for construction and other activities.	NYS DEC Coastal Erosion Hazard Management Program

2.14.7 Have areas of the coastline most prone to erosion hazards been identified?		x	This community is not designated as a Coastal Erosion Hazard Area		
2.14.8 Has the community used all available authorities to restrict or prohibit any activities, development or other actions in such erosion hazard areas, in order to minimize damage to property, and to prevent the exacerbation of erosion hazards?		x	This community is not designated as a Coastal Erosion Hazard Area		
2.14.9 Has the community developed a build-out analysis using existing zoning ordinances? If so, answer the following:	x		Information provided by the Building Inspector		
2.14.9.1 Has the build-out analysis been compared to the extent of storm surge scenarios?		x	I don't believe so (Information provided by the Building Inspector)		
2.14.9.2 Has the build-out analysis been compared to projected sea-level rise scenarios?		x	I don't believe so (Information provided by the Building Inspector)		
2.14.10 Do any plans or reports describe the damage and cost of previous coastal storms, floods, or erosion?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-2 Hazard Event History; Pg 9.2-2: Mentions previous events, but no cost given		
2.14.11 Are emergency managers and planners aware of potential storm-surge heights in the community?		x	Not identified as a climate risk by the community		
2.14.12 Do any plans or reports estimate future financial losses that may result from sea-level rise?		x	Not identified as a climate risk by the community		
2.14.13 Has the community undertaken a vulnerability and risk assessments using the Department of State Asset Inventory Worksheet and Risk Assessment Tool?		x	Information provided by the City Administrator		Governor's Office of Storm Recovery
2.14.14 Has the community adopted the projections of sea-level rise from the State Sea Level Rise Task Force report or more recent studies for planning purposes?		x	I don't believe so (Information provided by the Building Inspector)	NYS has adopted official sea-level rise projections.	NYS DEC Official SLR Projections NYS Sea Level Rise Task Force Report

Section 3: Public Outreach and Engagement	Yes	No	N/A	Notes	Definitions	References
3.1 Has the public been involved in the identification of historic storm effects, such as storm-surge elevations, flood-prone streets, beach erosion and overwash, or property loss through any of the following means?						
3.1.1 Participatory mapping		x		Participatory mapping has not been integrated into a plan yet	Participatory mapping is a process in which stakeholders create maps that indicate important environmental, cultural social and economic features. Often used in land use decision-making.	NOAA Participatory Mapping Guide
3.1.2 Public surveys		x		Public surveys have not been integrated into a plan yet		
3.1.3 Stakeholder meetings	x			In the public meeting for the Hazard Mitigation Plan (Information provided by the City Administrator)		
3.2 Does the municipality have publicly visible high water mark signs ?		x		Information provided by the City Administrator	High Water Mark signs are a public awareness tool that indicate how high the water reached on a building, bridge or other infrastructure under flood conditions.	NOAA High Water Mark signs
3.3 Has the public been involved in defining an overall acceptable level of natural-hazard risk?	x			In the public meeting for the Hazard Mitigation Plan (Information provided by the City Administrator)		
3.4 Does the municipality provide the public with information on the natural and beneficial functions of floodplains, wetlands and green infrastructure?		x				
3.5 Does the municipality provide access to floodplain maps?	x			Information provided by the Building Inspector		
3.6 Does the municipality publicize the availability of floodplain information to property owners and businesses?		x		Information provided by the Building Inspector		
3.7 Does the municipality publicize the availability of floodplain information to insurance agents, real estate agents, and lenders?		x		Information provided by the Building Inspector		
3.8 Does the municipality conduct storm-preparedness outreach to floodplain residents and businesses using the following methods?						
3.8.1 Website		x				
3.8.2 Brochures and newsletters		x		Information provided by the City Administrator		
3.8.3 Community meetings		x		Information provided by the City Administrator		
3.8.4 Television or radio		x		Information provided by the City Administrator		
3.8.5 Other:						
3.9 Does the community provide easy access to coastal erosion area hazard maps?			x	This community is not designated as a Coastal Erosion Hazard Area		

3.10 Does the community provide residents with guidance on the development of personal or family evacuation plans?	x			Brief tips are provided on the Fire Department's page on Beacon's website (http://www.cityofbeacon.org/Government/fire.htm)		
3.11 Does the municipality provide property owners information on what to include in the following?						
3.11.1 At-home emergency kit		x		Information provided by the Building Inspector		
3.11.2 Emergency supplies		x		Information provided by the Building Inspector		
3.11.3 Evacuation kit		x		Information provided by the Building Inspector		
Section 3 – Public Outreach and Engagement						
3.12 Does the community have public-information plans in place to provide residents with the following information prior to the threat of a storm?						
3.12.1 Expected inundation areas		x				
3.12.2 Evacuation routes		x				
3.12.3 Evacuation bus pick-up locations		x				
3.12.4 Location of severe weather shelters		x				
3.12.5 Location of pet shelters		x				
3.13 Has the community informed residents of ASPCA's disaster preparedness steps for domesticated animals?		x			Tips for including pets in your family's disaster preparedness efforts.	ASPCA Disaster Preparedness
3.14 Has the community informed residents of FEMA's "Are You Ready?" Guide?		x		Information provided by the Building Inspector		FEMA "Are You Ready?" Guide
3.15 Does the community actively inform property owners of FEMA suggested means to protect their homes against storm and wind damage ?		x		Information provided by the Building Inspector		FEMA Guidance on Protecting Homes from Storms
3.16 Does the municipality provide the public with flood mitigation information?		x		Information provided by the Building Inspector		
3.17 Does the municipality refer home builders to FEMA's coastal construction manual ?		x		Information provided by the Building Inspector		FEMA Guidance on Coastal Construction
3.18 Does the municipality employ multilingual and culturally sensitive approaches while providing residents with essential information?		x		Comprehensive Emergency Management Plan; E. Public Warning and Notification; Pg 26; "5. Special arrangements may be made for providing warning information to the hearing impaired and, where appropriate, non-English speaking populations." Does not delve into details yet.		

Section 4: Integration of Municipal Plans	Yes	No	N/A	Notes	Definitions	References
4.1 Has the community adopted a comprehensive plan?	x					
4.1.1 Does the comprehensive plan reference the local multi-hazard mitigation plan and disaster recovery plans?		x				
4.1.2 Does the comprehensive plan explain the support and involvement of emergency managers, floodplain managers, coastal managers and public works officials?		x				
4.1.3 Does the planning process documentation describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information, e.g., the multi-hazard mitigation plan, capital improvement plan?	x			Comprehensive Plan Update; Section 1.2 Prior Planning Efforts; Pg 18		
4.1.4 Did the preparation of the comprehensive plan involve a broad base of the community, such as public officials, civic organizations, businesses, and citizens?	x			Comprehensive Plan Update; Section 1: Introduction; Citizen Based Planning Process; Pg 21		
4.1.5 Does the comprehensive plan provide a clear explanation of participation techniques used in its development?	x			Comprehensive Plan Update; Section 1: Introduction; Citizen Based Planning Process; Pg 22		
4.1.6 Does the comprehensive plan identify resilience within its mission, vision, or goals?		x		Comprehensive Plan Update; Section 7: Environmental Features; Pg 99: The only time resilience is mentioned		
4.1.7 Are hazards addressed among the elements of the municipal master plan?		x				
4.1.8 Does the plan identify potential coastal-hazard effects on infrastructure, land uses, housing and community facilities?		x				
4.1.9 Does the plan make recommendations to reduce hazard vulnerability through land-use planning?		x				
4.1.10 Does the plan identify how often it should be updated?	x			Comprehensive Plan Update; Section 1: Introduction; Pg. 14: "The Plan should change as the existing conditions and the goals and objectives of the community change."		
4.1.11 Does the comprehensive plan identify flood-prone areas and discourage development in those areas or require strategies to reduce flood damage to buildings?	x			Comprehensive Plan Update; Section 10: Waterfront and Train Station Area; Pg 156		
4.1.12 Does the comprehensive plan encourage using green infrastructure techniques to help prevent flooding?		x				
4.1.13 Does the comprehensive plan emphasize non-structural pre-disaster mitigation measures such as acquiring flood-prone lands and adopting No Adverse Impact flood plain regulations?		x				
4.1.14 Does the comprehensive plan or hazard mitigation plan discuss strategies to determine whether to relocate structures that have been repeatedly flooded, including identifying an equitable approach for community involvement in relocation decisions and potential funding sources?		x		Dutchess County Hazard Mitigation Plan; Section 6. Mitigation Strategies; Pg 6-20: Included at the county level without mention of strategies: "Structures, including buildings, within the floodplain easement must be demolished and removed, or relocated outside the 100-year floodplain or dam breach inundation area." Not included on the community level yet.		

4.2 Is the community planning for development (e.g. parks, river-based recreation) along the river's edge that will help connect people to the river AND accommodate water during floods?	x		Comprehensive Plan Update; Section 10: Waterfront and Train Station Area; Pg 153 and on		
4.2.1 Are floodways and other frequently flooded areas zoned for open space or recreation?		x	Not necessarily (Information provided by the Building Inspector)		
4.2.2 Does the community use subdivision regulations to ensure low densities within the floodplain?		x			
4.2.3 Have non-conforming use and structure standards been revised to encourage safer rebuilding in flood-prone areas?		x	Chapter 223 Zoning; Section 223-10 Nonconforming uses and structures; Pg 223:9: Safer rebuilding in flood-prone areas has not been integrated into the ordinance yet	A nonconforming use is a use of property that was allowed under the zoning regulations at the time the use was established but which, because of subsequent changes in those regulations, is no longer a permitted use. (http://mrsc.org/Home/Explore-Topics/Planning/Development-Regulations/Nonconforming-Uses-Structures-and-Lots-Regulatio.aspx)	
4.2.4 Do zoning or floodplain regulations require elevation of two or more feet above Base Flood Elevation?	x		Chapter 123 Flood Damage Prevention; Section 123-16. Residential Structures; Pg 123-16		
4.2.5 Has the community adopted the International Building Code or American Society of Civil Engineers (ASCE) standards that promote flood-resistant building?	x		Information provided by the Building Inspector		
4.2.6 Does the community plan for costs associated with the follow-up inspection and enforcement of land development regulations and building codes?		x	Not likely (Information provided by the Building Inspector)		
4.2.7 Does the local comprehensive plan or hazard mitigation plan clearly identify safer growth areas in the community?		x			
4.2.8 Has the community adopted policies to encourage development in these areas?		x			
4.2.9 Has the community planned for new development in safer areas to ensure that it is compact, walkable and has a variety of uses?		x	Comprehensive Plan Update; Land Use and Zoning Goals and Recommendations; Pg 38: Development in safer areas has not been integrated in the plan yet, however, there is a focus on development in and around the Central Business District rather than sprawling		
4.2.9.1 Has the community changed its land-use codes and regulations to allow for this type of development?		x			
4.2.9.2 Have land development regulations been audited to ensure that development in safer areas meets the community's needs for off-street parking requirements, building height and density, front yard setbacks and that these regulations do not unintentionally inhibit development in these areas?		x			
4.2.9.3 Do capital improvement plans and budgets support development in preferred safer growth areas (e.g., through investment in wastewater treatment facilities and roads)?		x	The community does not have a Capital Improvements Plan formalized yet		
4.2.9.4 Have building codes been upgraded to promote more flood-resistant building in safer locations?		x			

Section 4 – Integration of Municipal Plans					
4.3	Has the community adopted the concepts of No Adverse Impact of the Association of State Floodplain Managers?		x		No Adverse Impact , or NAI, is a floodplain management approach recommended by the Association of State Floodplain Managers that aims to help coastal communities achieve disaster resilience. "NAI is an approach by which the action of any community or property owner, public or private, is not allowed to adversely affect coastal resources or the property rights of others." NAI Handbook
4.3.1	Does the community have a local ordinance to protect dunes, bluffs or eroding cliffs from development or disturbance?		x		
4.3.2	Does the community have a local ordinance to protect wetlands?		x	The City does not have a formalized local ordinance to protect wetlands yet. However, wetlands are regulated in the zoning chapter. Chapter 223 Zoning; Section 223-16 Wetlands and watercourses; hilltops, ridgelines and steep slopes; Pg 223:29: Requires approval for alteration of a wetland by the Planning Board	
4.4	Does the community have an open space or other natural resources management plan?		x		
4.4.1	If so, does the plan identify floodplain management as a priority?		x		
4.4.2	Is actively managed open space maintained in a manner that provides flood protection?		x		
4.4.3	Is the plan adopted as part of the municipal comprehensive plan?		x		
4.4.4	Is the local open space plan updated in coordination with the state open space plan?		x		NYS Open Space Plan
4.4.5	Does the community participate in the state open space plan updates?		x		
4.5	Does the municipality have a FEMA-approved multi-hazard mitigation plan ?		x	A county level plan exists with a specific detailed annex for this community	FEMA Hazard Mitigation Plan , or HMP, formalizes community efforts to reduce loss of life and property from natural disasters. A FEMA-approved HMP is a condition for receiving certain types of non-emergency disaster assistance. FEMA Hazard Mitigation Planning
4.5.1	Does the multi-hazard mitigation plan cross-reference with the local comprehensive plan?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Integration of Hazard Mitigation into Existing and Future Planning Mechanisms; Pg 9.2-10: Refers to the 2007 Comprehensive Plan. It has since been update in 2017, one year after the hazard mitigation plan was released	
4.5.2	Was a certified floodplain manager included in the hazard-mitigation planning process?		x	Dutchess County Hazard Mitigation Plan; Section 3: Planning Process; Pg 3-5	
4.5.3	Does the multi-hazard mitigation plan describe the support and involvement of local government departments and offices?		x	Dutchess County Hazard Mitigation Plan; Section 3: Planning Process; pg 3-2, 3-3	

4.5.4 Does the multi-hazard mitigation plan provide a clear explanation of public participation used during its development?	x		Dutchess County Hazard Mitigation Plan; Section 3: Planning Process; 3-5, 3-6, 3-7		
4.5.5 Does the multi-hazard mitigation plan identify critical facilities and infrastructure that are located in vulnerable areas and should be protected, repaired or relocated (e.g., town facilities, bridges, roads, and wastewater facilities)?	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Critical Facilities; Pg 9.2-4		
4.5.6 Does the multi-hazard mitigation plan identify projects that could be included in pre-disaster grant applications and does it expedite the application process for post-disaster Hazard Mitigation Grant Program acquisitions?		x	At this time the community only identifies projects for the Hazard Mitigation Grant Program, not for the Pre-disaster Mitigation Grant Program		
4.5.7 Does the multi-hazard mitigation plan describe past mitigation efforts e.g., shoreline stabilization and land acquisition, along with their costs and effectiveness?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Pg 9.2-12: Very brief description with no cost or effectiveness		
4.5.8 Does the multi-hazard mitigation plan provide a general explanation of the environmental, social and economic consequences of failing to address natural hazards?		x			
4.5.9 Does the multi-hazard mitigation plan include municipal maps that indicate local hazard risks, such as flood zones, storm-surge inundation and erosion rates?	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Figure 9.2.1 City of Beacon Hazard Area Extent and Location Map 1; Pg 9.2-20		
4.5.10 Does the plan consider inland riverine erosion as a hazard?		x			
4.5.11 Does the plan identify shoreline erosion as a hazard?		x	Dutchess County Hazard Mitigation Plan; Section 5.4.1 Coastal Hazards; Pg 5.4.1-2: Included at county level, but not identified as a climate risk by the community		
4.5.12 Does the plan identify sea-level rise enhanced storm surges as hazards?		x	Dutchess County Hazard Mitigation Plan; Section 5.4.1 Coastal Hazards; Pg 5.4.1-2: Included at county level, but not identified as a climate risk by the community		
4.5.12.1 Are zoned land uses compatible with coastal hazards?		x	Unsure (Information provided by the Building Inspector)		
4.5.13 Does the plan identify landslides as a hazard?	x		Dutchess County Hazard Mitigation Plan; Section 5.4.3 Earthquake; Pg 5.4.3-1; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		USGS Landslide Page
4.5.14 Does the multi-hazard mitigation plan consider high winds and tornadoes as hazards?	x		Dutchess County Hazard Mitigation Plan; Section 5.4.6 Severe Weather; Pg 5.4.6-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
4.5.15 Does the plan identify drought as a hazard?	x		Dutchess County Hazard Mitigation Plan; Section 5.4.2 Drought; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
4.5.15.1 Does the plan identify specific conservation measures for acknowledged drought thresholds?	x		It is not addressed in this plan, but it is addressed in the 2002 Drought Emergency Plan		
4.5.16 Does the plan identify extreme temperatures and heat waves as hazards?	x		Dutchess County Hazard Mitigation Plan; Section 5.4.4 Extreme Temperature; Pg 5.4.4-1; AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		

4.5.17 Does the plan identify heavy snowfall as a hazard?	x		Dutchess County Hazard Mitigation Plan; Section 5.4.7 Severe Winter Storm; Pg 5.4.7-1;AND Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-1 Hazard Risk/ Vulnerability Risk Ranking; Pg 9.2-2		
4.5.18 Does the plan identify tropical storms, hurricanes and Nor'easters as hazards?		x	Dutchess County Hazard Mitigation Plan; Section 5.4.1 Coastal Hazards; Pg 5.4.1-2: Included at county level, but not identified as a climate risk by the community		
4.5.19. Does the plan address transportation and other needs of particularly vulnerable populations, such as homeless, low income, elderly, special needs and disabled?		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-12 Proposed Hazard Mitigation Initiatives; Pg 9.2-14: The community includes vulnerable populations in one initiative, but not to a very detailed extent.		
4.5.20. Does the plan specify timelines for completing projects and achieving goals?	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Table 9.2-12. Proposed Hazard Mitigation Initiatives; Pg 9.2-13		
4.5.20.1 Do mitigation goals correspond with measurable mitigation objectives?		x	However, the community does have goals lining up with "mitigation initiatives". Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization (pg 9.2-12)		
4.5.21 Is a process for intergovernmental coordination explained for mitigating natural hazards?		x			
4.5.22 Does the plan identify critical facilities and infrastructure that are located in vulnerable areas and should be protected, repaired or relocated?	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Critical Facilities; Pg 9.2-4		
4.5.23 Have neighboring local governments been consulted to coordinate disaster responses and hazard-mitigation strategies?	x		Information provided by the City Administrator		
4.5.24 Does the plan identify opportunities to incorporate hazard mitigation into existing planning mechanisms, e.g., land-use planning, capital investments, shoreline restoration projects?	x		Dutchess County Hazard Mitigation Plan; 7.2 Implementation of Mitigation Plan through Existing Programs; Pg 7-5		
4.5.25 Does the multi-hazard mitigation plan identify projects that could be included in pre-disaster grant applications and does it expedite the application process for post-4.5.25. Does the multi-hazard mitigation plan identify projects that could be included in pre-disaster grant applications and does it expedite the application process for post-disaster Hazard Mitigation Grant Program acquisitions?		x	At this time the community only identifies projects for the Hazard Mitigation Grant Program, not for the Pre-disaster Mitigation Grant Program		
4.6 Does the municipality have an adopted floodplain management plan?		x			
4.6.1 Is it incorporated as an element of the comprehensive plan?		x			
4.6.2 Is the floodplain plan incorporated in the open space plan?		x			
4.6.3 Is it incorporated in the stormwater management plan?		x			
4.6.4 Is it incorporated in the multi-hazard mitigation plan?		x			

4.6.5 Does the municipality have a certified floodplain manager on staff?		x		Information provided by the Building Inspector	Certified Floodplain Manager , or CFM, is a program of the Association of State Floodplain Managers that recognizes continuing education and professional development of floodplain management professionals.	CFM Program Information
4.6.6 Was a certified floodplain manager included in the planning process?		x				
4.6.7 Was a licensed professional planner included in the planning process?		x				
4.6.8 Does the municipality participate in the National Flood Insurance Program ?	x					NFIP
4.6.9 Does the municipality have a flood damage prevention ordinance?	x					
4.7 Does the municipality have a stormwater management plan		x		However, the community does have a Stormwater Management and Erosion and Sediment Control ordinance		NYS Stormwater Management Design Manual
4.7.1 Was a certified floodplain manager included in the planning process?		x				
4.7.2 Does the stormwater management plan include green infrastructure and low-impact development regulations to decrease runoff, e.g., tree protection ordinances, impervious cover limits, riparian buffers, vegetated drainage channels and cluster development?		x				
4.7.3 Does the plan identify runoff and drainage problems due to impervious surfaces?		x		Stormwater Management and Erosion and Sediment Control; Pg 190:3): Mentions that impervious cover increase stormwater runoff rates, but could use more detail		
4.7.4 Has the community implemented strategies to reduce storm water runoff from roads, driveways, and parking lots?		x				
4.7.5 Does the plan identify constraints if the municipality reaches impervious coverage levels allowed by land-use and zoning designations?		x				
4.7.6 Has the community coordinated with neighboring jurisdictions to explore a watershed-wide approach to storm water management?		x				
4.7.7 Do storm water management regulations apply to areas beyond those that are regulated by federal or state storm water regulations?		x				
4.7.8 Does the plan describe the municipal responsibilities for inspection and maintenance of stormwater facilities?		x				
4.7.9 Has the community developed a storm water utility to serve as a funding source for storm water management activities?		x				
4.7.10 Does the plan identify how often it should be updated?		x				
4.8 Does the community have a capital improvements plan?		x				
4.8.1 Were a licensed professional planner, engineer, and certified floodplain manager involved in the planning process?		x				

4.8.2 Does the plan consider the risk of flooding and coastal hazards and sea level rise when upgrading existing municipal infrastructure?		x			
4.8.3 Does the capital improvement plan consider the risk of flooding and coastal hazards and sea-level rise on proposed infrastructure projects?		x			
4.8.4 Does the capital improvement plan incorporate projections of flooding and sea-level rise into risk assessments over the expected service life of municipal infrastructure?		x			
4.8.5 Does the plan incorporate, if appropriate, existing plans, studies, reports, and technical information?		x			
4.8.6 Does the plan identify how often it should be updated?		x			
4.9 Does the municipality have an economic development plan or strategy?		x			
4.9.1 Does the plan identify economic vulnerabilities due to coastal hazards?		x			
4.9.2 Does the plan incorporate sea level rise and other climate change effects into its assessment of economic vulnerabilities?		x			
4.10 Does the community have a local waterfront revitalization plan , special area management plan, beachfront management plan or shoreline management plan?	x		The community has a Local Waterfront Revitalization Program.	Local waterfront revitalization plan , or LWRP, is a plan devised by a community for preferred and accepted land uses on their waterfront. This program is supported by NYS Department of State.	LWRP
4.10.1 Do these plans identify the threat of coastal storms and erosion?	x		Local Waterfront Revitalization Program; Flooding and Erosion Hazards Policies: Policy 11; Pg 10-11: States that coastal erosion is not a hazard, and it mentions that coastal storms can happen		
4.10.2 Do these plans identify the threat of sea level rise and other climate related hazards?		x			
4.10.3 Do these plans identify the vulnerability of wildlife and habitat to coastal hazards?		x	Local Waterfront Revitalization Program: B. Fish and Wildlife; Pg 13 Provides information on location and description of habitat and wildlife values, but not vulnerability		
4.11 Has the municipality developed a coastal resilience plan?		x			
4.11.1 Has the municipality strived to reduce vulnerability in coastal zones through non-structural measures wherever possible?		x			
4.11.2 Have areas of significant public investment, water dependent uses and critical infrastructure that require structural protection because options for relocation, elevation or employment of non-structural measures are not feasible been identified?		x			

Section 5: Disaster Preparedness and Recovery	Yes	No	N/A	Notes	Definitions	References
5.1 Is the municipality recognized as a Storm Ready Community ?		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-9. Community Classifications; Pg 9.2-8	Storm Ready is a program offered through the National Weather Service to help communities to take a proactive approach to preparing for extreme weather and natural disasters.	https://www.weather.gov/stormready/
5.2 Does the community have a general emergency warning system?		x		Information provided by the Building Inspector		
5.3 If the community is located along a river, does it have an early flood-warning system?		x		Information provided by the Building Inspector		
5.4 Are emergency responders aware of real-time ocean and estuarine observing systems and stream gauging information?		x				
5.5 Does the community relay weather related threats to the public in at least two forms of communication?		x		Information provided by the Building Inspector		
5.6 Does the community have an emergency response and short-term recovery plan and/or a flood response plan that includes coastal flooding?		x				
5.6.1 Does the plan describe a hierarchy of authority during emergencies?	x			Comprehensive Emergency Management Plan; General Considerations/ Planning Guidelines; Section D. Concept of Operations; Pg8		
5.6.2 Does the plan identify first responders?		x		Comprehensive Emergency Management Plan; Response; Section B Notification and Activation; Pg 23: Plan only mentions that first responders will be there, not who they are		
5.6.3 Does the plan include a list of contacts for operators of municipal facilities?		x				
5.6.4 Is the plan a municipal plan (rather than county or state)?	x					
5.6.5 Does the plan indicate the required update frequency?	x			Comprehensive Emergency Management Plan; General Considerations/ Planning Guidelines; Section E. Plan Maintenance and Updating; Pg 10; The plan should be reviewed and updated annually.		
5.6.6 Does the plan include steps for emergency protective measures e.g., sandbagging, erecting warning devices, and search and rescue?		x		Comprehensive Emergency Management Plan; Recovery; Pg 32; Plan delegates this responsibility to the county disaster preparedness plan		
5.6.7 Does the plan include organizational framework to conduct a preliminary damage assessment?	x			Comprehensive Emergency Management Plan; Recovery; Pg 30		
5.6.8 Are the best available projections concerning the frequency and severity of extreme storm events incorporated into the municipality's emergency response/operations plan?	x			Comprehensive Emergency Management Plan; Appendix III; Pg 82		

5.6.9 Does the emergency response/operations plan include coordination and communication among critical stakeholders such as community-based organizations, local businesses, local health departments, utilities and local government leaders?	x			Comprehensive Emergency Management Plan; Response; Pg 18		
5.7 Does the community have a designated emergency operations center?	x			Information provided by the Building Inspector		
5.7.1 Is it located outside of flood-hazard areas?	x					
5.7.2 Is it designed to withstand high winds?		x		Unclear of what the definition of "high winds" is (Information provided by the Building Inspector)		
5.7.3 Does it have elevated back-up power?	x					
5.8 Does the community have adequate designated storm shelters?	x			Information provided by the Building Inspector		
Section 5 – Disaster Preparedness and Recovery						
5.8.1 If the community does not have a designated storm shelter within the community, is there an established memorandum of agreement with a neighboring community or county to provide constituents shelter?			x			
5.8.2 Are storm shelters located outside flood-hazard areas, including storm-surge inundation areas?	x					
5.8.3 Are storm shelters designed to withstand high-wind effects?		x		Unclear of what the definition of "high wind effect" is (Information provided by the Building Inspector)		
5.9 Does the community have an evacuation plan?		x				
5.9.1 Are responsibilities for municipal evacuation clearly defined?		x				
5.9.2 Does the plan identify the necessary time frame to evacuate residents and vacationers from storm-hazard areas?		x				
5.9.3 Does the plan identify where evacuation routes are prone to flooding?		x				
5.9.4 Is there more than one route identified to evacuate the community?		x				
5.9.5 Does the evacuation plan consider the possibility of evacuation of neighboring jurisdictions occurring concurrently?		x				
5.9.6 Does the evacuation plan identify and provide for groups that rely on public transportation (or lack private vehicles) for emergency evacuations?		x				
5.9.7 Does the plan identify the conditions that would initiate a traffic lane reversal?		x				
5.9.8 Does the plan identify local and state evacuation assistance programs for the following special needs?		x				

5.9.8.1 Hospitals		x				
5.9.8.2 Nursing Homes		x				
5.9.8.3 Prisons		x				
5.9.8.4 Residents without personal transportation		x				
5.9.8.5 Elderly		x				
5.9.8.6 Disabled		x				
5.9.8.7 Schools		x				
5.10 Does the community maintain and promote a special needs registry?		x				
5.11 Does the municipality inform residents of the NY-Alert program?		x		Information provided by the Building Inspector	NY-Alert is a service offered by NYS to alert citizens of hazards and emergencies via email or telephone.	https://www.nyalert.gov/
5.12 Does the municipality have a volunteer community emergency response team ?		x		Information provided by the Building Inspector	Community emergency response teams , or CERT is a program offered by FEMA to train volunteers in basic response skills so that they can assist others in their communities following a disaster when professional emergency responders are not immediately available to help.	https://www.fema.gov/community-emergency-response-teams
5.13 Does the community have a portable communications system that can operate under poor weather conditions and when electrical power is not available?	x			Comprehensive Emergency Management Plan; Response; Pg 25: Emergency service vehicles with siren and public address capabilities. These vehicles may be available during an emergency for location-specific alerts.		
5.14 Is there an adequate heat-warning system in place?		x		Information provided by the Building Inspector		
5.15 Is a cooling-center program established that considers potential problems such as transportation obstacles, effects of power outages or flooding and other needs of vulnerable populations/communities?		x				
5.16 Does the community have a continuity of operations plan?		x				
5.16.1 Does the plan provide guidance on post-disaster waste management and debris removal?		x				
5.16.1.1 Is machinery for debris removal located outside of flood hazard areas?		x				
5.16.1.2 Are routes to waste-disposal facilities passable in the event of a flood?		x				
5.16.1.3 Are temporary waste-disposal staging areas identified in the event of a disaster?		x				
Section 5 – Disaster Preparedness and Recovery						
5.17 In the event of a disaster, are procedures defined to conduct habitability and substantial damage assessments?	x			Comprehensive Emergency Management Plan; Response; Pg 30, 31		

5.18 Does the community store FEMA elevation certificates outside of flood-hazard areas?	x			Information provided by the Building Inspector	FEMA elevation certificates provide documentation that buildings located in Special Flood Hazard Areas are properly elevated. Elevation certificates can be used by the property owner to obtain flood insurance.	https://www.fema.gov/elevation-certificate
5.19 Does the community have a long-term recovery plan ?		x			A long-term recovery plan provides guidelines on steps the community will take to re-establish a pre-disaster condition or better, and enable to community to sustain itself.	http://www.dhSES.ny.gov/planning/CEMP/documents/NYS-CEMP-Vol.3-Long-Term-Recovery-2017.pdf
5.19.1 Does the plan identify redevelopment opportunities outside of flood-hazard areas?		x				
5.19.2 Does the plan advocate the use of advisory flood maps to define post-disaster redevelopment building elevations?		x				
5.19.3 Does the plan identify opportunities to retrofit or relocate existing structures or infrastructure in hazard-prone areas?		x				
5.19.4 Does the plan utilize risk and vulnerability mapping to determine the location of future development?		x				
5.19.5 Has the community identified the lines of coordination in transitioning from short-term to long-term recovery?		x				
5.19.6 Does the plan include an organizational framework that facilitates the effective coordination and use of state, federal, and NGOs resources in a manner that provides maximum benefit for the disaster area?		x				
5.19.7 Does the plan identify roles and functions of elected and appointed officials, state and federal agencies, and NGOs?		x				
5.19.8 Does the recovery plan include provisions to reduce greenhouse gas emissions from reconstructed areas through improved energy efficiency, use of renewable sources of energy and application of smart-growth principles?		x				
5.20 Has the community adopted floodplain development limits that prohibit or reduce any new encroachment and fill in river corridors and fluvial erosion hazard areas?		x				
5.21 Has the community encouraged agricultural and other landowners to implement pre-disaster mitigation measures, such as the following?						
5.21.1 Storing hay bales and equipment in areas less likely to be flooded?		x				

5.21.2 Installing ponds or swales to capture storm water?		x				
5.21.3 Planting vegetation that can tolerate inundation?		x				
5.21.4 Using land management practices to improve the capability of the soil on their lands to retain water?		x				
5.21.5 Have long-term recovery plans been developed for areas vulnerable to flooding and coastal storms?		x				
5.22 Does the local government have the authority to establish a temporary post-disaster building moratorium?		x				

Section 6 – Hazard Mitigation Implementation	Yes	No	N/A	Notes	Definitions	References
6.1 Has the municipality taken the Climate Smart Communities Pledge ?	x			They took the pledge in 2009 (Information from Beacon CAC Chair)	Climate Smart Communities is a network of NY communities engaged in reducing greenhouse gas emissions and improving climate resilience.	http://www.dec.ny.gov/energy/50845.html
6.2 Has the municipality created a local Climate Action Plan ?		x			A Climate Action Plan describes the policies and measures that a local government will enact to reduce greenhouse gas emissions and increase the community's resilience to climate change.	http://www.dec.ny.gov/energy/67101.html
6.3 Is the municipality active in the National Flood Insurance Program's Community Rating System ?		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-9. Community Classifications; Pg 9.2-8	The FEMA Community Rating System is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceeds the minimum National Flood Insurance requirements.	https://www.fema.gov/national-flood-insurance-program-community-rating-system
6.4 Has the municipality proposed the relocation of public buildings, critical facilities, or infrastructure out of flood hazard areas as a result of the multi-hazard mitigation plan or other planning tools?		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-12 Proposed Hazard Mitigation Initiatives; Pg 9.2-13		
6.5 Has the municipality used its multi-hazard mitigation plan to propose retrofitting public buildings, critical facilities and other infrastructure to withstand flood damage?	x			Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; Table 9.2-12 Proposed Hazard Mitigation Initiatives; Pg 9.2-13		
6.6 Do municipal building codes exceed the state's 2-foot freeboard above base flood elevation requirement?		x		Flood Damage Prevention Ordinance; Pg 123:16.: "Have the lowest floor, including basement or cellar, elevated to or above two feet above the base flood elevation" -		
6.7 Have building and permitting officials completed training on retrofitting flood-prone residential buildings?		x		Information provided by the Building Inspector	Training on retrofitting floodprone buildings is available through FEMA.	https://training.fema.gov/emicourses/crs/detail.aspx?cid=E279&ctype=R
6.8 Have building and permitting officials completed training in FEMA's Coastal Construction Manual ?		x		Information provided by the Building Inspector	Training on Residential Coastal Construction is available through FEMA.	Coastal Construction Manual
6.9 Have community officials completed post-flood stream intervention training?		x		Information provided by the Building Inspector		
6.10 Does the community provide property owners with guidelines to retrofit existing development for flood and wind risks?		x		Information provided by the Building Inspector		
6.11 Does the municipality utilize any of the following tools to manage development in hazard-prone areas?						
6.11.1 Transfer of development rights or purchase of development rights		x		Information provided by the Building Inspector		
6.11.2 Conservation overlay districts or cluster development	x			Information provided by the Building Inspector		

6.11.3 Zoning for open or recreational space		x		Information provided by the Building Inspector		
6.11.4 Protective coastal, riparian and/or wetland buffer ordinances	x			Information provided by the Building Inspector		
6.11.5 Rolling easements		x		Information provided by the Building Inspector		
6.11.6 Buyouts of vulnerable properties		x		Information provided by the Building Inspector		
6.11.7 Other:				Information provided by the Building Inspector		
6.12 Does the municipality use land-acquisition programs to purchase land-conservation easements in hazard-prone areas?		x		Information provided by the Building Inspector		
6.13 Does the community utilize impact fees, accommodation taxes or user fees to acquire properties in hazard areas?		x		Information provided by the Building Inspector		
6.14 Does the municipality have a plan for shoreline stabilization?		x			Shoreline stabilization - protecting or restoring natural shorelines have many ecological and resilience benefits.	http://www.dec.ny.gov/permits/50534.html
Section 6 – Hazard Mitigation Implementation		x				
6.15 Is the automatic replacement of hardened structures prohibited?		x				
6.16 Are sustainable enhanced methods of shoreline protection encouraged through incentives or regulation?		x				
6.17 Does the community inform property owners of preferred sustainable shoreline protection techniques, including non-structural and ecologically enhanced methods?		x				
6.18 Does the municipality have a plan in place to control invasive plant species, especially near the shoreline?		x				
6.19 Does the community engage in dune, wetland or shoreline restoration?		x				
6.20 Has the community established special area ordinances for habitat preservation?		x				
6.21 Does the community utilize impact fees, accommodation taxes or user fees to pay for shoreline protection and restoration, wetland restoration or riparian buffers?		x				
6.22 Are community flood control or other protective structures (e.g., levees, flood or sea walls) inspections on schedule?		x				
6.23 Has the community used any of the following grant programs to implement mitigation projects?						
6.23.1 FEMA Hazard Mitigation Grant Program		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Table 9.2-12. Proposed Hazard Mitigation Initiatives (Only proposed)	The purpose of the FEMA Hazard Mitigation Grant Program is to help communities implement hazard mitigation measures following a Presidential major disaster declaration.	https://www.fema.gov/hazard-mitigation-grant-program
6.23.2 FEMA Pre-disaster Mitigation Grant Program		x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Pg 9.2-12	The FEMA Pre-disaster Mitigation Grant Program is designed to assist States, U.S. Territories, Federally-recognized tribes, and local communities in implementing a sustained pre-disaster natural hazard mitigation program.	https://www.fema.gov/pre-disaster-mitigation-grant-program

6.23.3 FEMA Flood Mitigation Assistance Program		x	Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Pg 9.2-12	The FEMA Flood Mitigation Assistance Grant Program provides resources to assist states, tribal governments, territories and local communities in their efforts to reduce or eliminate the risk of repetitive flood damage to buildings and structures insurable under the National Flood Insurance Program.	https://www.fema.gov/media-library-data/1455710459301-048a67862580037b30cd640a802a9053/FY16_FMA_Fact_Sheet.pdf
6.23.4 HUD Community Development Block Grants	x		Dutchess County Hazard Mitigation Plan; Annex 9.2 City of Beacon; 9.2.6 Mitigation Strategy and Prioritization; Pg 9.2-12: Ralph Street and Mackin Avenue Drainage project	The Community Development Block Grant, or CDBG, program provides annual grants on a formula basis to 1209 general units of local government and States.	https://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/communitydevelopment/programs
6.23.5 Other:					