



7. CITY OF BATAVIA

This jurisdictional annex to the 2025 Genesee County Hazard Mitigation Plan (HMP) provides information to assist public and private sectors in the City of Batavia with reducing losses from future hazard events. This annex is not guidance of what to do when a disaster occurs; its focus is on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. The annex presents a general overview of Batavia, describes who participated in the planning process, assesses Batavia’s risk, vulnerability, and capabilities, and outlines a strategy for achieving a more resilient community.

7.1 HAZARD MITIGATION PLANNING TEAM

The City of Batavia identified primary and alternate HMP points of contact and developed this plan over the course of several months, with input from many City departments. The City Manager represented the community on the Genesee County HMP Planning Partnership and Steering Committee and supported the local planning process 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.

Table 7-1 summarizes City officials who participated in the development of the annex and in what capacity. Additional documentation of the City’s planning activities through Planning Partnership meetings is included in Volume I.

Table 7-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Joshua Graham, Fire Chief/Emergency Manager Address: 18 Evans Street, Batavia, NY 14020 Phone Number: 585-345-6379 Email: jgraham@batavianewyork.com	Name/Title: Rachel Tabelski, City Manager Address: 1 Batavia City Centre, Batavia, NY 14020 Phone Number: 585-345-6300 Email: rtabelski@batavianewyork.com
National Flood Insurance Program Floodplain Administrator	
Name/Title: Zach Alwardt, Floodplain Manager Address: 1 Batavia City Centre, Batavia, NY 14020 Phone Number: 585-345-6326 Email: zalwardt@batavianewyork.com	
Additional Contributors	
Name/Title: Joshua Graham, Fire Chief/Emergency Manager Method of Participation: Provided information pertinent to the development of this annex.	

7.2 COMMUNITY PROFILE

The City of Batavia is in the center of Genesee County and is the county seat. The city has a total area of 5.2 square miles. The city is centrally within the Town of Batavia. The city is governed by 9 Council members. The City of Batavia is in the center of Genesee County, within the Town of Batavia and is the county seat.

Research has shown that some populations are at greater risk from hazard events because of decreased resources or physical abilities. These populations can be more susceptible to hazard events based on a number of factors, including their physical and financial ability to react or respond during a hazard and the location and construction



quality of their housing. Data from the 2022 American Community Survey indicates that 3.5 percent of the population is 5 years of age or younger, 21.1 percent is 65 years of age or older, 5.8 percent is non-English speaking, 13.3 percent is below the poverty threshold, and 19.6 percent is considered disabled.

7.3 JURISDICTIONAL CAPABILITY ASSESSMENT AND INTEGRATION

Batavia performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume I describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment for this annex includes analyses of the following:

- Planning and regulatory capabilities
- Development and permitting capabilities
- Administrative and technical capabilities
- Fiscal capabilities
- Education and outreach capabilities
- Classification under various community mitigation programs
- Adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into day-to-day local government operations. As part of the hazard mitigation analysis, planning and /or policy documents were reviewed, and each jurisdiction was surveyed to better understand its progress toward plan integration. The development of an updated mitigation strategy provided an opportunity for Batavia to identify opportunities for integrating mitigation concepts into ongoing City procedures.

7.3.1 Planning and Regulatory Capability and Integration

Table 7-2 summarizes the planning and regulatory tools that are available to Batavia.

Table 7-2. Planning and Regulatory Capability and Integration

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
CODES, ORDINANCES, & REGULATIONS				
Building Code	Yes	Chapter 51 – Building Construction	State & Local	Code Department
How has or will this be integrated with the HMP and how does this reduce risk? This chapter provides for the administration and enforcement of the New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code) in the City of Batavia. This Chapter is adopted pursuant to § 10 of the Municipal Home Rule Law. Except as otherwise provided in the Uniform Code, other state law, or other section of this chapter, all buildings, structures, and premises, regardless of use or occupancy, are subject to the provisions in this chapter.				
Zoning/Land Use Code	Yes	Chapter 190 - Zoning	Local	Code Department
How has or will this be integrated with the HMP and how does this reduce risk? The purpose of this chapter is to guide the future growth and development of the City of Batavia in accordance with a comprehensive plan of land use and population distribution that represents and promotes beneficial and convenient				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
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relationships among residential, commercial, industrial and public areas within the City, considering the suitability of each area for such uses, as indicated by existing conditions, trends in population and mode of living, and future needs for various types of land development, and to achieve the purposes more particularly described in Subdivisions 24 and 25 of § 20 of the General City Law.

Subdivision Code	Yes	Chapter 16 – Subdivision of Land	Local	Planning and Development Committee
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How has or will this be integrated with the HMP and how does this reduce risk?

The Land Subdivision Regulations as hereinafter set forth are for the following purposes to assure sites suitable for building purposes and human habitation and to provide for the harmonious development of the city; to coordinate the existing streets with proposed streets, parks or other features of the city's Official Map; to provide conditions favorable to the health, safety, morals and general welfare of the citizens of the city; and to establish rules for the processing, design and construction of subdivisions.

Site Plan Code	Yes	Chapter 190.44 – Site Plan Review	Local & County	Planning and Development Committee
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How has or will this be integrated with the HMP and how does this reduce risk?

The purpose of site plan review is to promote the public health, safety, welfare and aesthetics of the community. Site planning is distinguished from subdivision review as it concerns only one parcel whereas subdivision review concerns more than one parcel. A site plan is a plot of land showing structures, landscaping, topography and other property features. The Planning and Development Committee will review these features to determine if they compare favorably with the principles of the City's Comprehensive Plan and associated Visual Preference Survey. It is not the intent of site plan review to limit or discourage any land use, but to allow all land uses that meet the standards of this section.

Stormwater Management Code	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?

Post-Disaster Recovery/ Reconstruction Code	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?

Real Estate Disclosure Requirements	Yes	Property Condition Disclosure Act, NY Code – Article 14 §460-467	State	NYS Department of State, Real Estate Agent
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How has or will this be integrated with the HMP and how does this reduce risk?

In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.

Growth Management	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?

Environmental Protection Ordinance(s)	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Flood Damage Prevention Ordinance	Yes	Chapter 87 – Flood Damage Prevention	Federal, State, County, & Local	City Engineer
<p>How has or will this be integrated with the HMP and how does this reduce risk? It is the purpose of this chapter 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> <ul style="list-style-type: none"> 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. B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction. C. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters. D. Control filling, grading, dredging and other development which may increase erosion or flood damages. E. Regulate the construction of flood barriers which will unnaturally divert floodwaters, or which may increase flood hazards to other lands. F. Qualify for and maintain participation in the National Flood Insurance Program. 				
Wellhead Protection	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Emergency Management Ordinance	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Climate Change Ordinance	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Other	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
PLANNING DOCUMENTS				
General/Comprehensive Plan	Yes	Comprehensive Plan, 2017	Local	Planning and Development Committee
<p>How has or will this be integrated with the HMP and how does this reduce risk? The 2017 City of Batavia Comprehensive Plan Update provides a roadmap for the City to guide growth and enhance the vibrancy and quality of life throughout the City. The plan is based on a detailed examination of current conditions and trends in the City and input from residents and stakeholders. The resulting plan includes key recommendations and steps to achieve a shared vision for the future of Batavia.</p>				
Capital Improvement Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Disaster Debris Management Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Floodplain Management or Watershed Plan	Yes	Floodplain Management Plan, August 2003	County	Joint Flood Mitigation Planning Committee
How has or will this be integrated with the HMP and how does this reduce risk? Beginning in November 2002, the Joint Flood Mitigation Planning Committee was formed (hereafter referred to as the Committee). The Committee expanded its membership to review flood risks and hazards, encourage public involvement, develop mitigation activities, and recommend action steps to alleviate flood-related problems in the municipalities along the Tonawanda and Oatka Creek in Genesee and Wyoming counties. This plan describes and summarizes the Committee's process, findings, and recommendations.				
Stormwater Management Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Open Space Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Urban Water Management Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Habitat Conservation Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Economic Development Plan	Yes	Community Improvement Plan, 2012	Local	City Council
How has or will this be integrated with the HMP and how does this reduce risk? The plan has a focus specifically on downtown Batavia and to outline an action plan that evaluates the revitalization work completed over the past decade and recommends additional actions to attract more businesses to downtown Batavia, reduce the district's vacancy rate, stimulate building rehabilitation projects, and improve the district's overall economic performance.				
Community Wildfire Protection Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Community Forest Management Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Transportation Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Agriculture Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Climate Action/Resilience/Sustainability Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Tourism Plan	No	-	-	-

How has or will this be integrated with the HMP and how does this reduce risk?

Business/ Downtown Development Plan	Yes	Business Plan, 2014	Local	City Council
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How has or will this be integrated with the HMP and how does this reduce risk?

The Business Plan identifies measurable objectives, time frames for completion and lead departments responsible for each initiative. The seven priorities established by the City Council during the strategic planning process are the framework and basis for the development of the Business Plan. Those strategic priorities consist of:

- Financial Health
- Governmental Efficiency
- Economic Development and Job Creation
- Neighborhood Revitalization
- Environmental Sustainability
- Public Safety
- Healthy and Involved Community Members

Other: Tree Management Plan	Yes	Tree Management Plan, 2017	Local	Public Works
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How has or will this be integrated with the HMP and how does this reduce risk?

This Tree Management Plan is restricted to the public portion of that forest, yet it hopes to persuade owners and managers of other portions to join in a common effort to improve the quality of life in the City of Batavia. It documents the steps necessary to increase the canopy cover of Batavia’s urban forest to a sustainable level that will expand its benefits and assure they are available to all city dwellers.

RESPONSE/RECOVERY PLANNING

Comprehensive Emergency Management Plan	Yes	Comprehensive Emergency Management Plan	Local	Office of Emergency Management
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How has or will this be integrated with the HMP and how does this reduce risk?

The CEMP defines the scope of preparedness and emergency management activities necessary. This document assigns responsibility to organizations and individuals for carrying out specific actions that exceed routine responsibility at projected times and places during an emergency; sets lines of authority and organizational relationships and shows how all actions will be coordinated; identifies how people and property are protected; and identifies personnel, equipment, facilities, supplies, and other resources available within the jurisdiction or by agreement with other jurisdictions.

Continuity of Operations Plan	Yes	Comprehensive Emergency Management Plan	Local	Office of Emergency Management
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How has or will this be integrated with the HMP and how does this reduce risk?

The purpose of the Continuity of Operations (COOP) plan is to establish policy and guidance to ensure that essential functions for an agency are continued in the event that manmade, natural, or technological emergencies disrupt or threaten to disrupt normal operations.

Substantial Damage Response Plan	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?

Threat and Hazard Identification and Risk Assessment	No	-	-	-
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How has or will this be integrated with the HMP and how does this reduce risk?



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Post-Disaster Recovery Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Public Health Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Other How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-

7.3.2 Development and Permitting Capability

Table 7-3 summarizes the capabilities of Batavia to oversee and track development.

Table 7-3. Development and Permitting Capability

	Yes/No	Comment
Do you issue development permits? <ul style="list-style-type: none"> If you issue development permits, what department is responsible? If you do not issue development permits, what is your process for tracking new development? 	Yes	Public Works Bureau of Inspection
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	Floodplain
Do you have a buildable land inventory? <ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	Yes	Within the Comprehensive Plan
Describe the level of buildout in your jurisdiction.	N/A	There is land available for future development in the City. According to the 2017 Comprehensive Plan, 17% of the City's land is vacant.

7.3.3 Administrative and Technical Capability

Table 7-4 summarizes potential staff and personnel resources available to Batavia and their current responsibilities that contribute to hazard mitigation.

Table 7-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
ADMINISTRATIVE CAPABILITY		
Planning Board	Yes	The Planning and Development Committee is a volunteer body that serves in an advisory capacity to the City Council and is made up of five resident members and one alternate member appointed by the City Manager.



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
		<p>The committee's powers and duties includes recommendations to City Council for the development of a strategy that interprets, plans and leads in the implementation of land use components of the Comprehensive Plan; the review and approval or disapproval of the aesthetics and architectural design on all new construction plans and for renovations to the exterior of buildings; the power to review and approve or disapprove site plans and plats.</p>
Zoning Board of Adjustment	Yes	<p>The Zoning Board of Appeals is a volunteer body made up of five resident members and one alternate member appointed by the City Manager. The Board of Appeals hears and determines appeals from any refusal of a building permit or certificate of occupancy by the Code Enforcement Officer where the refusal is based on any requirement of the zoning ordinance.</p> <p>The Board of Appeals has the power to vary or modify the application of any provision of the zoning regulations relating to the use, construction, structural change, equipment or alteration of buildings or structures or any use of land.</p>
Planning Department	No	-
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Public Works/Highway Department	Yes	<p>The Department of Public Works is organized into five bureaus located in four different facilities. The Bureau of Engineering coordinates the design and construction of the larger infrastructure projects that cannot be completed with City manpower and requires the consulting services of an outside engineering firm. The Bureau of Inspection is responsible for enforcing all Federal, State, and local regulations intended to control and preserve the safe construction, alteration, use, and occupancy of all buildings and other structures in the City. The Bureau of Maintenance is responsible for the maintenance and operation of a number of City properties, infrastructure and assets. The Bureau of Water and Wastewater provides the vital service of furnishing safe, quality drinking water to all residents and businesses in Batavia.</p>
Construction/Building/Code Enforcement Department	Yes	<p>The Public Works Bureau of Inspection is responsible for enforcing all Federal, State, and local regulations intended to control and preserve the safe construction, alteration, use, and occupancy of all buildings and other structures in the City.</p>



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Emergency Management/Public Safety Department	Yes	Handled by the City of Batavia Fire Chief and Police Chief.
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	The Public Works Bureau of Maintenance is responsible for the maintenance and operation of a number of City properties, infrastructure and assets. The Bureau of Water and Wastewater provides the vital service of furnishing safe, quality drinking water to all residents and businesses in Batavia.
Mutual aid agreements	Yes	County and surrounding jurisdictions for first response
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other: Historic Preservation Commission	Yes	A seven-member board responsible for the protection, enhancement, and perpetuation of landmarks and historic districts. The intent of the Board is to foster civic pride in accomplishments of the past, protect and enhance the City's attractiveness to visitors and insure harmonious, orderly and efficient growth and development in the City of Batavia. Members of the Commission are unpaid volunteers who have an interest in architectural development and historic preservation, and are appointed by the City Council to 3-year terms.
TECHNICAL/STAFFING CAPABILITY		
Planners or engineers with knowledge of land development and land management practices	Yes	Consultants
Engineers or professionals trained in building or infrastructure construction practices	Yes	Consultants
Planners or engineers with an understanding of natural hazards	Yes	Consultants
Staff with expertise or training in benefit/cost analysis	Yes	Department of Public Works
Professionals trained in conducting damage assessments	Yes	City Code Department
Personnel skilled or trained in GIS and/or Hazus applications	No	-
Staff that work with socially vulnerable populations or underserved communities	No	-
Environmental scientists familiar with natural hazards	No	-
Surveyors	No	-
Emergency manager	Yes	Handled by the City of Batavia Fire Chief
Grant writers	Yes	Contractual
Resilience Officer	No	-



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Other (this could include stormwater engineer, environmental specialist, etc.)	No	-

7.3.4 Fiscal Capability

Table 7-5 summarizes financial resources available to Batavia.

Table 7-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvement project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas, or electric service	Yes
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	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state funding programs	Yes
Open Space Acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	No

7.3.5 Education and Outreach Capability

Table 7-6 summarizes the education and outreach resources available to Batavia.

Table 7-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment
Public information officer or communications office	Yes	Assistant City Manager
Personnel skilled or trained in website development	Yes	Contracted to Civic Plus
Hazard mitigation information available on your website	Yes	The City has a webpage dedicated to Flood information
Social media for hazard mitigation education and outreach	Yes	The City, and several of its departments, maintain a Facebook and X account.
Citizen boards or commissions that address issues related to hazard mitigation	Yes	Community Garden, Historic Preservation Committee
Warning systems for hazard events	No	-



Outreach Resources	Available? (Yes/No)	Comment
Natural disaster/safety programs in place for schools	No	-
Organizations that conduct outreach to socially vulnerable populations and underserved populations	No	-
Public outreach mechanisms / programs to inform citizens on natural hazards, risk, and ways to protect themselves during such events	Yes	E-News, City website, City PD website/Facebook, City FD website/Facebook

7.3.6 Community Classifications

Table 7-7 summarizes classifications for community programs available to Batavia.

Table 7-7. Community Classifications

Program	Participating? (Yes/No)	Classification	Date Classified
Community Rating System (CRS)	Yes	Class 7	Recertified in 2019
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	3	February 26, 2016
National Weather Service StormReady Certification	No	-	-
Firewise Communities classification	No	-	-
New York State Climate Smart Communities	Yes	Not Ranked	-
Other: Organizations with mitigation focus (advocacy group, non-government)	No	-	-

N/A = Not applicable

— = Unavailable

7.3.7 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 2022). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. Table 7-8 summarizes the adaptive capacity for each identified hazard of concern and the City’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement

Table 7-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Civil Unrest	Moderate
Dam Failure	Moderate
Drought	Moderate



Hazard	Adaptive Capacity - Strong/Moderate/Weak
Earthquake	Moderate
Epidemic	Moderate
Extreme Temperature	Moderate
Flood	Moderate
Hazardous Materials	Moderate
Severe Storms	Moderate
Severe Winter Storm	Moderate
Terrorism	Moderate
Transportation Accident	Moderate
Utility Interruption	Moderate
Wildfire	Moderate

7.4 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the National Flood Insurance Program (NFIP). The floodplain administrator listed in Table 7-1 is responsible for maintaining this information.

7.4.1 NFIP Statistics

Table 7-9 summarizes the NFIP policy and claim statistics for Batavia.

Table 7-9. Batavia NFIP Summary of Policy and Claim Statistics

# of Losses	4
# Claims Paid	6
Total Net Payment	\$25,390
# Repetitive Loss Properties	2
# Severe Repetitive Loss Properties	0

NFIP Definition of Repetitive Loss: The NFIP defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period since 1978.

FMA Definition of Repetitive Loss: FEMA's Flood Mitigation Assistance (FMA) program defines a repetitive loss property as any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

Definition of Severe Repetitive Loss: A residential property covered under an NFIP flood insurance policy and: (a) That has at least four NFIP claim payments over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or (b) For which at least two separate claims payments have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building. At least two of the claims must have occurred within any 10-year period, more than 10 days apart.

Source: FEMA 2025

Note: FEMA was only able to provide aggregate Repetitive Loss Claim Data to support this Hazard Mitigation Plan update.



7.4.2 Flood Vulnerability Summary

Table 7-10 provides a summary of the NFIP program in Batavia.

Table 7-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction.	Areas near the Tonawanda Creek
Do you maintain a list of properties that have been damaged by flooding?	Yes, in our FEMA file, housed in the City's F Drive
Do you maintain a list of property owners interested in flood mitigation?	Yes
How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)?	document all calls, emails for flood risk questions. Meg saves the dates & locations
Are any RiskMAP projects currently underway in your jurisdiction? If so, state what projects are underway.	1 single family flood complaint dwelling still in progress of new construction.
How do you make Substantial Damage determinations?	Insurance claims
How many Substantial Damage determinations were declared for recent flood events in your jurisdiction?	None at this time
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? If there are mitigation properties, how were the projects funded?	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? If not, state why.	Flood maps may not accurately show the flood risk. FEMA flood maps are currently being revised across the County.
NFIP Compliance	
What local department is responsible for floodplain management?	Engineering
Are any certified floodplain managers on staff in your jurisdiction?	No
Do you have access to resources to determine possible future flooding conditions from climate change?	Yes – FEMA, State, County, and regional resources.
Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	Yes, support in the CRS program.
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	Permit review, engineering capability, inspections
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	The City takes the market value from current assessment, subtract land value, and if the project exceeds 50% of that properties value.
What are the barriers to running an effective NFIP program in the community, if any?	Having compliance/understanding from the community/property owners within the City of Batavia.
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, state the violations.	No



NFIP Topic	Comments
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	CAC: Not applicable CAV: April 1, 2022
What is the local law number or municipal code of your flood damage prevention ordinance?	Chapter 87 – Flood Damage Prevention
What is the date that your flood damage prevention ordinance was last amended?	December 16, 2002
Does your floodplain management program meet or exceed minimum requirements? If exceeds, in what ways?	The program meets the minimum requirements.
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	Our zoning board helps with issuing variances for utility sheds/accessory structures with flood vents to adjust for elevation within the SFHA.
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	Currently participate in the CRS program.

7.5 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 appreciating a jurisdiction’s overall risk to its hazards of concern. Recent and expected future development trends, including major residential/commercial development and major infrastructure development, are summarized in Table 7-11 through Table 7-13.

Table 7-11. Number of Building Permits for New Construction Issued Since the Previous HMP

	New Construction Permits Issued			
	Single Family	Multi-Family	Other (commercial, mixed-use, etc.)	Total
2016				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2017				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2018				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2019				
Total Permits	0	0	1	1
Permits within SFHA	0	0	1	1
2020				
Total Permits	1	0	0	1
Permits within SFHA	1	0	0	1
2021				



	New Construction Permits Issued			
	Single Family	Multi-Family	Other (commercial, mixed-use, etc.)	Total
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2022				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2023				
Total Permits	1	0	0	1
Permits within SFHA	1	0	0	1
2024				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0

SFHA = Special Flood Hazard Area (1% flood event)
 '-' = records unavailable

Table 7-12. Recent Major Development and Infrastructure from 2016 to Present

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Ellicott Station, LLC	Commercial/Res	55 Units	Ellicott Street	Flood	Apartment Building
Batavia Homes	Residential	6.88 Acres	84.008-2-2.1	Federal Wetlands	Residential Homes/and clearing preparation

* Only location-specific hazard zones or vulnerabilities identified.

Table 7-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
None Anticipated					

7.6 JURISDICTIONAL RISK ASSESSMENT

The hazard profiles in Volume I provide detailed information regarding each planning partner’s vulnerability to the identified hazards, including summaries of Batavia’s risk assessment results and data used to determine the hazard ranking. Key local risk assessment information is presented below.

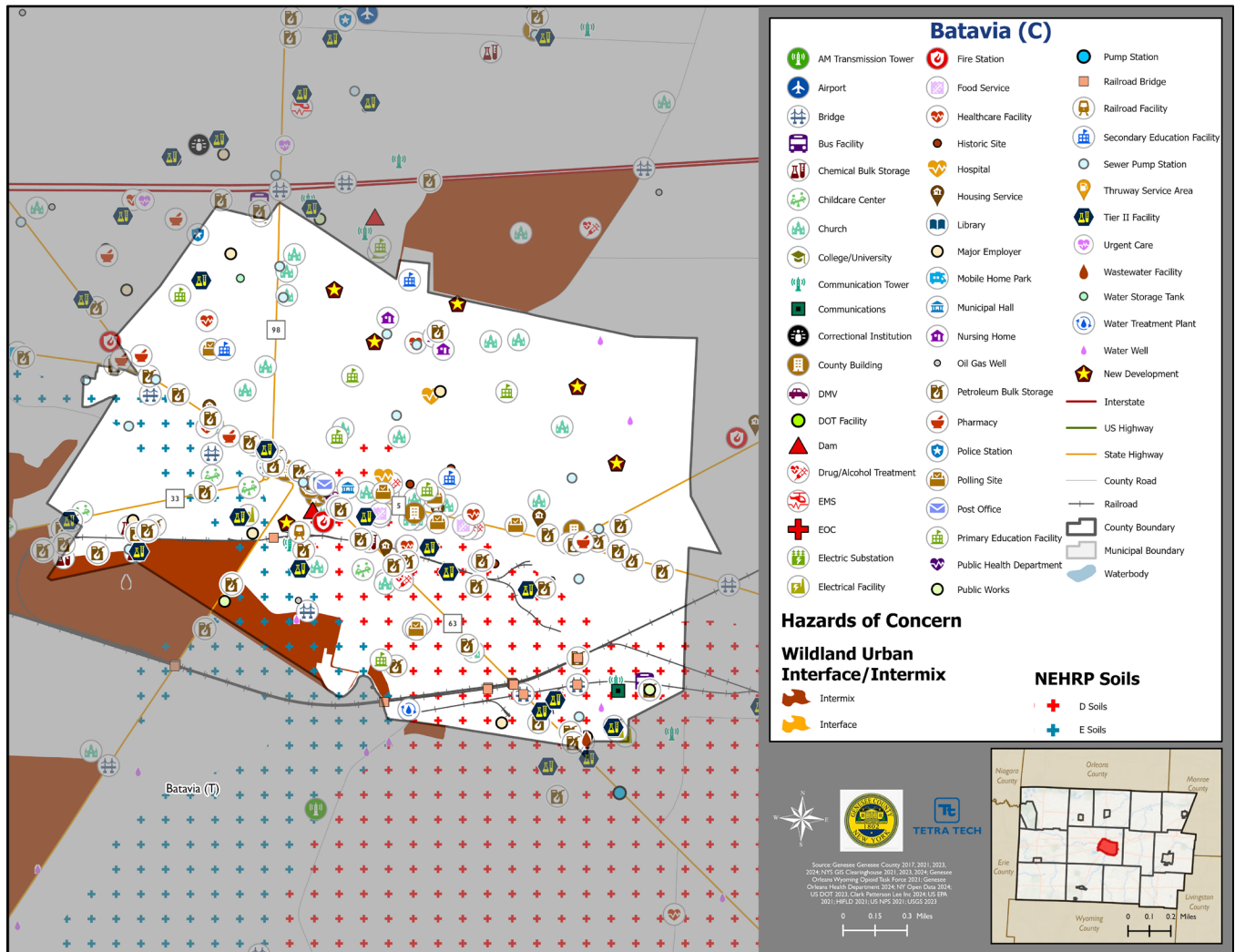


7.6.1 Hazard Area

Hazard area maps provided below illustrate the probable hazard areas impacted within the City are shown in Figure 7-1 through Figure 7-2. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps are provided only for hazards that can be identified clearly using mapping techniques and technologies and for which Batavia has significant exposure. The maps show the location of potential new development, where available.



Figure 7-2. Batavia Hazard Area Extent and Location Map 2





7.6.2 Hazard Event History

The history of natural and non-natural hazard events in Batavia is detailed in Volume I, where each hazard profile includes a chronology of historical events that have affected the County and its municipalities. Table 7-14 provides details on loss and damage in Batavia during hazard events since the last hazard mitigation plan update.

Table 7-14. Hazard Event History in Batavia

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses
February 15-16, 2016	N/A	N/A	Heavy snow accumulations occurred in Central New York, with portions of Genesee County reporting up to 14 inches of snow.	The City did not incur any documented damages or losses.
March 8, 2017	N/A	N/A	Strong winds caused widespread power outages in Genesee County. Trees and power lines were downed. Power poles were snapped. The strong winds derailed a train in Batavia (Genesee County). Twelve out of thirty-one freight cars were blown off the tracks. 76-mile per hour winds were recorded in Genesee County. Minor injuries were reported to drivers in Alexander. Winds damaged several buildings.	The City did not incur any documented damages or losses.
January 30-31, 2019	N/A	N/A	Extreme cold temperatures were recorded in Genesee County, combined with wind gusts of between 35 to 50 miles per hour, wind chills dropped to as low as -26 degrees Fahrenheit.	The City did not incur any documented damages or losses.
January 20, 2020 - May 11, 2023	DR-4480-NY and EM-3434-NY, Biological	Yes	The coronavirus pandemic resulted in roughly 19,956 positive cases and the deaths of 211 County residents as of August 20, 2024.	The City did not incur any documented damages or losses.
November 18, 2022 – November 21, 2022	EM-3589-NY, Winter Storm	Yes	A lake effect storm occurred and dropped multiple feet of snow in western New York.	The City did not incur any documented damages or losses.
December 23, 2022 – December 28, 2022	DR-4694-NY and EM-3590-NY, Winter Storm	Yes	A historic lake effect blizzard occurred northeast of Lake Erie and Lake Ontario during the Christmas holiday weekend. The combination of high winds in excess of 70 mph and heavy lake effect snow resulted in devastating impacts across western New York.	The City suffered no loss or damage. The Cost of assisting outside agency was \$9,392.35.



Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses
July 10, 2024	N/A	N/A	The remnants of Tropical Storm Beryl impacted the County through the production of severe thunderstorms, heavy rains, strong winds, downed trees and power lines, and a confirmed EF-0 tornado in the Towns of Darien and Alexander.	The City did not incur any documented damages or losses.
July 15, 2024	N/A	N/A	Strong thunderstorm developed and produced strong winds, heavy rain, and hail resulting in downed trees and power lines. The storms also produced an EF-0 tornado in the Town of Pavilion and flooded roadways, including NYS Route 5 where five feet of water accumulated at a railroad overpass in Le Roy.	The City did not incur any documented damages or losses.

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

7.6.3 Hazard Ranking and Vulnerabilities

The hazard profiles in Volume I have detailed information regarding each planning partner’s vulnerability to the identified hazards. The following presents key risk assessment results for Batavia .

Hazard Ranking

The participating jurisdictions have differing degrees of vulnerability to the hazards of concern, so each jurisdiction ranked its own degree of risk to each hazard. The community-specific hazard ranking is based on problems and impacts identified by the risk assessment presented in Volume I. The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; community capabilities to address the hazard; and changing future climate conditions. Batavia reviewed the County hazard ranking and individual results to assess the relative risk of the hazards of concern to the community. During the review of the hazard ranking, the City indicated the following:

- The City decreased its Dam Failure hazard ranking from ‘Medium’ to ‘Low’ as there is one low-hazard dam in the jurisdiction.
- The City decreased its Wildfire hazard ranking from ‘Medium’ to ‘Low’ as there is minimal intermix and/or interface areas within the jurisdiction.

Table 7-15 shows Batavia’s final hazard rankings for identified hazards of concern. Mitigation action development uses the ranking to target hazards with the highest risk.



Table 7-15. Hazard Ranking

Hazard	Rank
Civil Unrest	Low
Dam Failure	Low
Drought	Medium
Earthquake	Low
Epidemic	Medium
Extreme Temperature	Medium
Flood	Medium
Hazardous Materials	Medium
Severe Storm	High
Severe Winter Storm	High
Terrorism	Low
Transportation Accidents	High
Utility Interruption	High
Wildfire	Low

Note: The scale is based on the hazard rankings established in Volume I, modified as appropriate based on review by the jurisdiction

Critical Facilities

Table 7-16 identifies critical facilities in the community located in the 1 percent and 0.2 percent annual chance floodplains.

Table 7-16. Critical Facilities Flood Vulnerability

Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
2	Electrical Facility	X	X	2025-BataviaC-01	-
13	Electrical Facility	X	X	2025-BataviaC-01	-
A0008688	Communication Tower	-	X	2025-BataviaC-01	-
A0629898	Communication Tower	X	X	2025-BataviaC-01	-
A0629904	Communication Tower	X	X	2025-BataviaC-01	-
A1183735	Communication Tower	X	X	2025-BataviaC-01	-
153 Cedar St	Communications	X	X	2025-BataviaC-01	-
A to Z Garage	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Agway Energy Products	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-



Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Agway Inc	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Altium Packaging - Batavia	Tier II Facility	-	X	2025-BataviaC-01	-
American Stone Mix, Inc	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Ascension Parish	Polling Site	X	X	2025-BataviaC-01	-
Batavia Bus Services	Bus Facility	X	X	2025-BataviaC-01	-
Batavia City FD	EMS, Fire Station	X	X	2025-BataviaC-01	-
Batavia Municipal Dam	Dam	X	X	2025-BataviaC-03	-
Batavia Power Plant	Tier II Facility	X	X	2025-BataviaC-01	-
Batavia Transload Warehouse	Railroad Facility	X	X	2025-BataviaC-01	-
Bob Fazio	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Cedar St	Railroad Bridge	-	X	2025-BataviaC-02	-
Cedar Street	Railroad Bridge	-	X	2025-BataviaC-02	-
Central Pump Station	Sewer Pump Station	-	X	2025-BataviaC-01	-
Chapin International	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Chapin Manufacturing, Inc.	Major Employer	X	X	2025-BataviaC-01	-
Circle 3 Food Mart	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
City Church, Inc.	Church	-	X	2025-BataviaC-01	-
City of Batavia	Oil Gas Well	X	X	2025-BataviaC-01	-
City of Batavia Bureau of Maintenance	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
City of Batavia Maintenance Garage	Public Works	X	X	2025-BataviaC-01	-
County Building	County Building	X	X	2025-BataviaC-01	-
County Soil & Water Conservation District Office	County Building	-	X	2025-BataviaC-01	-
Courts Facility	County Building	-	X	2025-BataviaC-01	-
CVS Pharmacy	Pharmacy	-	X	2025-BataviaC-01	-
D.A. Stuart Company	Chemical Bulk Storage	-	X	2025-BataviaC-01	-
Electric Substation	Electric Substation	X	X	2025-BataviaC-01	-
Electric Substation	Electric Substation	X	X	2025-BataviaC-01	-
Engine House	County Building	-	X	2025-BataviaC-01	-



Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Genesee County	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Genesee County Chapter NYSARC	Major Employer	-	X	2025-BataviaC-01	-
Genesee County Highway Department	Public Works	X	X	2025-BataviaC-01	-
Genesee Habitat for Humanity	Housing Service	X	X	2025-BataviaC-01	-
Glow YMCA	Childcare Center	X	X	2025-BataviaC-01	-
Hodgins Engraving	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Holland Land Office Museum	County Building	X	X	2025-BataviaC-01	-
Home Care & Hospice	Healthcare Facility	-	X	2025-BataviaC-01	-
Horizon Health Services	Drug/Alcohol Treatment	X	X	2025-BataviaC-01	-
Jackson School	Primary Education Facility	X	X	2025-BataviaC-01	-
Kaufman Footwear	Chemical Bulk Storage	-	X	2025-BataviaC-01	-
Kings Lift Station	Sewer Pump Station	X	X	2025-BataviaC-01	-
Kwik Fill A0007-111	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Mavis Tire Supply, LLC	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Mt. Zion Missionary Baptist Church	Church	-	X	2025-BataviaC-01	-
Noco Express 72	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
NYS Federation of Growers' and Processors' Association, Inc.	Childcare Center	-	X	2025-BataviaC-01	-
O-AT-KA Milk Products Cooperative, Inc.	Major Employer	-	X	2025-BataviaC-01	-
Oatka Pump Station	Sewer Pump Station	X	X	2025-BataviaC-01	-
OETIKER NY - BATAVIA	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Pepsi Cola Batavia Bottling Corp	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Planned Parenthood of Central and Western New York	Healthcare Facility	X	X	2025-BataviaC-01	-
Premier Credit of North America	Major Employer	X	X	2025-BataviaC-01	-



Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Resurrection Roman Catholic Parish of Batavia, N.Y.	Church	X	X	2025-BataviaC-01	-
Sacred Heart R.C. Polish Church Society	Church	X	X	2025-BataviaC-01	-
Seneca Power Partners, LP	Chemical Bulk Storage	X	X	2025-BataviaC-01	-
Sikes Enterprises, Inc	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Soccio and Della Penna, Inc	Petroleum Bulk Storage	-	X	2025-BataviaC-01	-
Speedway 7736	Tier II Facility, Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Sugar Creek Store #007	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Tenney Laundry Service, Inc D/B/A Ebling Laundry	Chemical Bulk Storage	-	X	2025-BataviaC-01	-
The City Church, Inc.	Church	X	X	2025-BataviaC-01	-
The City Church, Inc.	Church	-	X	2025-BataviaC-01	-
Tonawanda Creek	Bridge	X	X	2025-BataviaC-02	-
Tonawanda Creek	Bridge	X	X	2025-BataviaC-02	-
Tonawanda Creek	Bridge	X	X	2025-BataviaC-02	-
Tonawanda Creek	Bridge	-	X	2025-BataviaC-02	-
Tonawanda Creek	Railroad Bridge	X	X	2025-BataviaC-02	-
Tonawanda Creek	Railroad Bridge	X	X	2025-BataviaC-02	-
V J GAUTIERI INC	Petroleum Bulk Storage	X	X	2025-BataviaC-01	-
Verizon CO (VZ- NY63801)	Tier II Facility	-	X	2025-BataviaC-01	-
Well	Water Well	X	X	2025-BataviaC-01	-
Well	Water Well	X	X	2025-BataviaC-01	-

Source: Genesee County 2017, 2021, 2023, 2024; NYS GIS Clearinghouse 2021, 2023, 2024; Genesee Orleans Wyoming Opioid Task Force 2021; Genesee Orleans Health Department 2024; NY Open Data 2024; US DOT 2023, Clark Patterson Lee Inc 2024; US EPA 2021; HIFLD 2021; US NPS 2021; USGS 2023

7.6.4 Identified Issues

After a review of Batavia’s hazard event history, hazard rankings, hazard location, and current capabilities, Batavia identified the following vulnerabilities within the community:

- Critical facilities need to be protected to the 500-year flood level. There are several facilities located in the City identified to be in the flood hazard area, including but not limited to the facilities identified in Table 7 16.



- Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The following bridges in the jurisdiction should be evaluated to determine useability and to identify potential solutions, as necessary:
 - Cedar Street Railroad Bridges
 - Tonawanda Creek Bridges
 - Tonawanda Creek Railroad Bridges
- The City has one low-hazard dam within its jurisdiction. Despite its low hazard, this structure has the potential to impact the people, property, infrastructure, and environment nearby.
- The area surrounding Tonawanda Creek is prone to flooding, impacting nearby roads and properties. Tonawanda Creek has bank erosion issues, threatening encroachment onto nearby roads. Creek banks become eroded due to heavy rains from severe storms, degradation from flood waters and compacted snow and ice from severe winter storms. Stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements, should be considered to prevent flooding. Additional flood mitigation measures may also be considered.
- The City faces risk from epidemic but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.
- The City may be impacted by drought, as potable water wells could become depleted by unnecessary use. Drought puts a strain on agriculture, recreational use, and daily use of water. The City does not have a water conservation ordinance to encourage and support water conservation efforts. Extreme temperatures may enhance the impacts of drought by causing the rapid evaporation of moisture from potable wells and floral and fauna.
- The City has two major roads which traverse through the jurisdiction, NYS Route 33, 5 and 98. Transportation accidents are apt to occur on these roadways more than local roads. Further, hazardous materials may be transported on the major roadways. The City does not have an updated Comprehensive Emergency Management Plan (CEMP) that addresses hazardous materials concerns and transportation accidents. A CEMP establishes the overall authority, roles, and functions performed during incidents. Incorporating hazardous materials information into a CEMP ensures hazard risk is identified.
- The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.
- The City faces risk from wildfires but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.
- Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The City has 2 repetitive loss properties, but other properties may be impacted by flooding as well.
- The City faces risk from earthquakes but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing



a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.

7.7 MITIGATION STRATEGY AND PRIORITIZATION

This section discusses the status of mitigation actions from the previous HMP, describes proposed hazard mitigation actions, and prioritizes actions to address over the next five years.

7.7.1 Past Mitigation Action Status

Table 7-17 indicates progress on the City's mitigation strategy identified in the 2019 HMP. Actions that are still recommended but not completed or that are in progress are carried forward and combined with new actions as part of the mitigation strategy for this plan update. Previous actions that are now ongoing programs and capabilities are indicated as such and are presented in the capability assessment earlier in this annex.

7.7.2 Additional Mitigation Efforts

Batavia did not identify any additional mitigation efforts completed since the last HMP.



Table 7-17. Status of Previous Mitigation Actions

Project Number	Project Name	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
C. of Batavia-1	Protect the Highway Garage to the 500-year flood level.	Highway Department	The City of Batavia Highway Garage is in the 100-year floodplain. Flooding of the facility would be costly and interrupt critical services	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-2	Protect the Batavia City #1 Fire Station to the 500-year flood level.	Fire Department	The Batavia City #1 Fire Station is in the 100-year floodplain. Flooding of the facility would be costly and interrupt critical services.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-3	Work with owner to protect the 2 Electrical facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-4	Work with owner to protect the 13 Electrical facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-5	Protect the 18240013.-1-111 Well to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-6	Protect the 31037006540000 Gas Well to the 500-year flood level	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable



Project Number	Project Name	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
C. of Batavia-7	Work with owner to protect the Ascension Parish to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-8	Work with owner to protect the Batavia Bus Services facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-9	Protect the Batavia Municipal Dam to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-10	Work with owner to protect the Batavia Transload Warehouse rail facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-11	Work with owner to protect the Chapin Manufacturing facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-12	Protect the City of Batavia Treatment Facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain and is vulnerable to flooding damages that would interrupt critical services.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable



Project Number	Project Name	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
C. of Batavia-13	Work with the county to protect the County Highway Facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-14	Work with facility manager to protect the Jackson Street School to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-15	Work with owner to protect the Premier Credit of North America facility to the 500-year flood level.	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable
C. of Batavia-16	Work with owner to protect the 153 Cedar Street communication facility to the 500-year flood level	City floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The city does not have jurisdiction over the facility and cannot mitigate themselves.	1. No Progress 2. Other City priorities	1. Include 2. Not applicable 3. Not applicable



7.7.3 Proposed Hazard Mitigation Actions for the HMP Update

Batavia participated in the mitigation strategy workshop for this HMP to identify appropriate actions to include in a local hazard mitigation strategy. Its comprehensive consideration of all possible activities to address hazards of concern included review of the following FEMA documents:

- FEMA 551 “Selecting Appropriate Mitigation Measures for Floodprone Structures” (March 2007)
- FEMA “Mitigation Ideas—A Resource for Reducing Risk to Natural Hazards” (January 2013).

The action worksheets included at the end of this annex list the mitigation actions that Batavia would like to pursue in the future to reduce the effects of hazards. The actions 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 City priorities.

Table 7-18 indicates the range of proposed mitigation action categories. The four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide range of activities and mitigation measures selected.

Volume I identifies 14 evaluation criteria for prioritizing the mitigation actions. To assist with rating each mitigation action as high, medium, or low priority, a numeric rank is assigned (-1, 0, or 1) for each of the evaluation criteria. Table 7-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.



Table 7-18. Analysis of Mitigation Actions by Hazard and Category

Hazard	Actions That Address the Hazard, by Action Category									
	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Civil Unrest	X									X
Dam Failure	X				X					X
Drought	X				X					X
Earthquake	X			X			X			X
Epidemic	X			X			X			X
Extreme Temperature	X				X					X
Flood	X	X	X		X			X	X	X
Hazardous Materials	X									X
Severe Storm	X		X		X			X		X
Severe Winter Storm	X		X		X			X		X
Terrorism	X									X
Transportation Accidents	X									X
Utility Interruption	X									X
Wildfire	X			X			X			X

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 structures to reduce the impact of hazards.

Natural Systems Protection (NSP)—These are actions that minimize damage and losses and 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

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 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



Table 7-19. Summary of Prioritization of Actions

Project Number	Project Name	Scores for Evaluation Criteria														High / Medium / Low	
		Life Safety	Property Protection	Cost-Effectiveness	Political	Legal	Fiscal	Environmental	Social Vulnerability	Administrative	Hazards of Concern	Climate Change	Timeline	Community Lifelines	Other Local Objectives		Total
2025-BataviaC-01	Critical Facility Protection	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2025-BataviaC-02	Bridge Evaluations	1	1	1	1	0	0	1	1	1	1	1	1	1	0	11	High
2025-BataviaC-03	Dam Owner Partnership	1	1	1	1	1	1	0	1	1	0	1	1	1	0	11	High
2025-BataviaC-04	Tonawanda Creek Erosion	1	1	1	1	0	0	1	1	1	1	1	1	0	1	11	High
2025-BataviaC-05	Epidemic Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High
2025-BataviaC-06	Water Conservation Ordinance	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High
2025-BataviaC-07	CEMP Update and Integration	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2025-BataviaC-08	Flood Damage Prevention Ordinance Update	1	1	1	1	1	1	1	1	1	1	1	1	0	0	12	High
2025-BataviaC-09	Wildfire Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High
2025-BataviaC-10	Repetitive Loss Properties	1	1	1	1	1	0	1	1	1	0	1	1	0	1	11	High
2025-BataviaC-11	Earthquake Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High

Note: Volume I, Section 22 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-6), Medium (7-10), High (11-14).



Action 2025-BataviaC-01. Critical Facility Protection

Lead Agency:	Critical Facility Owners and Managers		
Supporting Agencies:	City Public Works, City Administration		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	Critical facilities need to be protected to the 500-year flood level. There are several facilities located in the City identified to be in the flood hazard area, including but not limited to the facilities identified in Table 7-16.		
Description of the Solution:	<p>The City will notify the critical facility owners and managers of the facility's location in the flood hazard area. The City will encourage each facility to conduct a feasibility assessment to determine what additional floodproofing measures are needed at the critical facilities to protect them to the 500-year flood level. Options include:</p> <ul style="list-style-type: none"> Elevation of facility Floodproofing of facility Mobile flood barriers <p>Once the most cost-effective option is identified, the facility owner or manager will carry out the option.</p>		
Estimated Cost:	TBD based on chosen mitigation measure		
Potential Funding Sources:	FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, City Budget		
Implementation Timeline:	Within 5 Years		
Goals Met:	1, 3, 5		
Benefits:	Ensures continuity of operations of several critical facilities in the City.		
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders and emergency managers to maintain critical services that socially vulnerable populations rely on.		
Impact on Future Development:	The risk of significant damage occurring to the structure will be reduced, which will allow critical operations to be maintained or only briefly interrupted in severe events. This provides continued support to both current and future development in the service area.		
Impact on Critical Facilities/Lifelines:	This action will protect critical facilities, maintaining the critical services that it provides.		
Impact on Capabilities:	This action improves continuity of operations during a flood event, allows for a more rapid return to pre-disaster capabilities after a flood event, and faster deployment of post disaster capabilities.		
Climate Change Considerations:	This action addresses anticipated increases in flooding frequency and severity through protection to the 500-year (0.2-percent annual chance) flood level.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Relocate facility		Relocation is expensive and results in loss or delay of critical services in the immediate area



Establish plans to enter into MOU with neighboring critical facilities to provide service during flood events

Reduction in response times and delay of critical services in the immediate area.



Action 2025-BataviaC-02. Bridge Evaluations

Lead Agency:	City Public Works, City Administration									
Supporting Agencies:	Genesee County Engineering, Genesee County Public Works, NYS DOT									
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire								
Description of the Problem:	<p>Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The following bridges in the jurisdiction should be evaluated to determine useability and to identify potential solutions, as necessary:</p> <ul style="list-style-type: none"> • Cedar Street Railroad Bridges • Tonawanda Creek Bridges • Tonawanda Creek Railroad Bridges 									
Description of the Solution:	<p>The City Public Works Department will work with Genesee County Engineering and Public Works to evaluate each bridge to determine its current usability. The evaluation will indicate whether the County will need to replace or retrofit the identified bridges and causeways. This evaluation should be performed in partnership and/or with feedback from NYS DOT as necessary.</p>									
Estimated Cost:	Medium									
Potential Funding Sources:	FEMA HMA, City Budget, County Budget, BRIDGENY									
Implementation Timeline:	Within 5 years									
Goals Met:	2									
Benefits:	This action will ensure the bridges in the jurisdiction are structurally sound to continue in operation.									
Impact on Socially Vulnerable Populations:	Not applicable									
Impact on Future Development:	Not applicable									
Impact on Critical Facilities/Lifelines:	This action will ensure transportation routes remain open and accessible to the public for daily use and evacuation needs; the bridges provide a point of access for first responders into communities that may have faced damage from a hazard event on either side of the bridges.									
Impact on Capabilities:	This action ensures useability and reliability of bridges which are an essential transportation lifeline.									
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will work to ensure the structure of the bridges are impervious to erosion at their base due to rising water levels.									
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)								
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)								
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium								
Alternatives:	<table border="1"> <thead> <tr> <th>Action</th> <th>Evaluation</th> </tr> </thead> <tbody> <tr> <td>No Action</td> <td>Current problem exists</td> </tr> <tr> <td>Remove bridges</td> <td>May cause significant traffic problems</td> </tr> <tr> <td>Replace bridges</td> <td>Cost prohibitive</td> </tr> </tbody> </table>		Action	Evaluation	No Action	Current problem exists	Remove bridges	May cause significant traffic problems	Replace bridges	Cost prohibitive
	Action	Evaluation								
	No Action	Current problem exists								
	Remove bridges	May cause significant traffic problems								
Replace bridges	Cost prohibitive									



Action 2025-BataviaC-03. Dam Owner Partnership

Lead Agency:	City Administration		
Supporting Agencies:	NYS DEC, Dam Owners		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	The City has one low-hazard dam within its jurisdiction. Despite its low hazard, this structure has the potential to impact the people, property, infrastructure, and environment nearby.		
Description of the Solution:	The City will work with the owners of the dams to ensure inspections and safety procedures are up to date. If cost-effective mitigation measures or retrofit options are identified that can increase the level of safety and length of useful life, the Dam Owner will pursue funding support, permit approval from NYS DEC, and implement the cost-effective measures.		
Estimated Cost:	Low		
Potential Funding Sources:	City Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	2, 5		
Benefits:	This action will improve the safety and security of those who live near the dams and increase the resilience of responding agencies.		
Impact on Socially Vulnerable Populations:	The action will result in better preparedness for those living near areas where the dams are located.		
Impact on Future Development:	Future development near the dams will be more secure as safety procedures and inspections are regularly performed on the dams.		
Impact on Critical Facilities/Lifelines:	Dams are considered a critical facility. This action will create an understanding of the safety procedures in place for each identified dam and strengthen the structural integrity of dam, as needed.		
Impact on Capabilities:	This action will improve planning and response capabilities through the understanding of responsibilities and procedures.		
Climate Change Considerations:	Climate change may result in an increase in the frequency and severity of weather-related disaster events, which may contribute to the likelihood of a dam failure event. This action will increase the capabilities to respond to these events.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Utilize information from NYS DEC		Owners may not be required to submit a safety plan to the State
	Utilize information from the National Inventory of Dams		Not all dams are listed on the inventory



Action 2025-BataviaC-04. Tonawanda Creek Erosion

Lead Agency:	City Public Works	
Supporting Agencies:	DEC, Genesee County Engineering, Genesee County Public Works	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The area surrounding Tonawanda Creek is prone to flooding, impacting nearby roads and properties. Tonawanda Creek has bank erosion issues, threatening encroachment onto nearby roads. Creek banks become eroded due to heavy rains from severe storms, degradation from flood waters and compacted snow and ice from severe winter storms. Stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements, should be considered to prevent flooding. Additional flood mitigation measures may also be considered.	
Description of the Solution:	The City will assess the feasibility and cost-effectiveness of various stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements to prevent future flooding surrounding Tonawanda Creek and to protect nearby roadways and properties.	
Estimated Cost:	High	
Potential Funding Sources:	FEMA HMA, City Budget, NYS DEC	
Implementation Timeline:	Within 5 years	
Goals Met:	2	
Benefits:	Overall flooding will be reduced, which will result in less frequency of road closures and reduced damage to properties.	
Impact on Socially Vulnerable Populations:	Areas that were previously vulnerable to frequency or severe flooding events will be less likely to be impacted by flooding events.	
Impact on Future Development:	Future development surrounding Tonawanda Creek will have its risk of flood impacts reduced.	
Impact on Critical Facilities/Lifelines:	Critical facilities and community lifelines near Tonawanda Creek would have a reduced risk to the flood hazard.	
Impact on Capabilities:	Not applicable	
Climate Change Considerations:	Climate change is likely to result in more frequent and severe rainfall events. These events can lead to an influx of water, resulting in flooding conditions.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium
Alternatives:	Action	
	No Action	
	Elevate nearby roads	
	Acquire all properties which flood	
	Evaluation	
	Current problem exists	
	Cost prohibitive	
	Cost prohibitive	



Action 2025-BataviaC-05. Epidemic Education and Outreach

Lead Agency:	City Administration		
Supporting Agencies:	Planning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	The City faces risk from epidemic but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.		
Description of the Solution:	Create outreach materials, or utilize those from Genesee County, on epidemic risks and methods of mitigation measures. Methods of distribution may include City events, newsletters, social media, the City website, and having the materials on display for the public at City libraries and offices. Outreach materials will be specified with education and information for the epidemic hazard.		
Estimated Cost:	Low		
Potential Funding Sources:	City Budget		
Implementation Timeline:	1 year		
Goals Met:	3		
Benefits:	This action will improve the public education and outreach capabilities in the City by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the City.		
Impact on Socially Vulnerable Populations:	Socially vulnerable populations will learn how to prepare for and mitigate the epidemic hazard which may impact them in the City.		
Impact on Future Development:	Not applicable		
Impact on Critical Facilities/Lifelines:	Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of the epidemic hazard. With these businesses becoming more resilient, this action would contribute to their continuity of operations.		
Impact on Capabilities:	This action would build upon the County's public education and outreach capabilities and adapt it to the City's needs.		
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from the epidemic hazard and how climate change may exacerbate those risks.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Rely on state or federal resources		Resources may be generalized and not specific to the risks in the City
	Use only a few methods for distribution		Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance



Action 2025-BataviaC-06. Water Conservation Ordinance

Lead Agency:	City Administration	
Supporting Agencies:	Planning Board, NYS DEC	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input checked="" type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The City may be impacted by drought, as potable water wells could become depleted by unnecessary use. Drought puts a strain on agriculture, recreational use, and daily use of water. The City does not have a water conservation ordinance to encourage and support water conservation efforts. Extreme temperatures may enhance the impacts of drought by causing the rapid evaporation of moisture from potable wells and floral and fauna.	
Description of the Solution:	The City will develop a water conservation ordinance to outline water conservation efforts which should be taken during periods of low rainfall, extreme heat, and drought. The City will look to NYS DEC for assistance in the development of the ordinance.	
Estimated Cost:	Low	
Potential Funding Sources:	City Budget	
Implementation Timeline:	Within 3 years	
Goals Met:	1, 2	
Benefits:	This action will support the safe, continued use of potable water to ensure there is adequate drinking water available to support residents. Furthermore, the ordinance will assist in ensuring agriculture practices have water available to support the grower's livelihood.	
Impact on Socially Vulnerable Populations:	Populations will have access to potable water sources during periods of drought and extreme heat.	
Impact on Future Development:	Not applicable	
Impact on Critical Facilities/Lifelines:	A water conservation ordinance will mitigate potential impacts to the water sources for the City. This action will inform residents of the importance of the ordinance and how over-utilizing water sources may impact the quality of life in the City.	
Impact on Capabilities:	This action will ensure potable water is available within the jurisdiction during time of drought by developing a water conservation ordinance.	
Climate Change Considerations:	Higher temperatures are expected to increase the amount of moisture that evaporates from land and water. These changes have the potential to lead to more frequent and severe droughts, which, in turn, increases the likelihood of wildfires.	
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium
Alternatives:	Action	
	No Action	
	Only enforce ordinance and do not encourage water conservation practices year-round	Outside of drought periods, water issues may arise
	Do not publicize ordinance once developed	Residents will be uninformed and partaking in practices outside of the City's ordinances



Action 2025-BataviaC-07. CEMP Update and Integration

Lead Agency:	City Administration, Genesee County Highway, NYSDOT		
Supporting Agencies:	Planning Board, City Public Works		
Hazard(s) of Concern:	<input checked="" type="checkbox"/> Civil Unrest <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Epidemic <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input checked="" type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input checked="" type="checkbox"/> Terrorism <input checked="" type="checkbox"/> Transportation Accidents <input checked="" type="checkbox"/> Utility Interruption <input checked="" type="checkbox"/> Wildfire	
Description of the Problem:	<p>The City has two major roads which traverse through the jurisdiction, NYS Route 33, 5 and 98. Transportation accidents are apt to occur on these roadways more than local roads. Further, hazardous materials may be transported on the major roadways. The City does not have an updated Comprehensive Emergency Management Plan (CEMP) that addresses hazardous materials concerns and transportation accidents. A CEMP establishes the overall authority, roles, and functions performed during incidents. Incorporating hazardous materials information into a CEMP ensures hazard risk is identified.</p>		
Description of the Solution:	<p>The City will integrate information about transportation lifelines and hazardous materials into their Comprehensive Emergency Management Plan (CEMP), with support from the Genesee County Office of Emergency Management. The CEMP will integrate hazard mitigation and transportation accident principles into its contents, including addresses capabilities related to reduce the risk to the identified hazards of concern identified with this Hazard Mitigation Plan. The City will send the CEMP to the County for review, followed by a State review.</p>		
Estimated Cost:	Low		
Potential Funding Sources:	City Budget, EMPG		
Implementation Timeline:	Within 3 years		
Goals Met:	1, 3, 4		
Benefits:	<p>The CEMP details what the City will do during a disaster (incident command implementation, command center location and activities, specific plans by department, etc.). The integration and update of a CEMP will permit the City to integrate new plans, policies, capabilities, and hazard assessments in relation to transportation and hazardous materials.</p>		
Impact on Socially Vulnerable Populations:	<p>The section overview portion of the CEMP covers a discussion of a variety of topics, including population distribution and locations, including any concentrated populations of individuals with disabilities, others with access and functional needs, or individuals with limited English proficiency.</p>		
Impact on Future Development:	<p>Future development will be protected by the actions which the City performs following the CEMP integration.</p>		
Impact on Critical Facilities/Lifelines:	<p>The section overview portion of the CEMP covers a discussion of a variety of topics, including vulnerable critical facilities (e.g. nursing homes, schools, hospitals, infrastructure).</p>		
Impact on Capabilities:	<p>This action will create a planning and response capability for the City.</p>		
Climate Change Considerations:	<p>Climate change may result in an increase in the frequency and severity of weather-related disaster events. As impacts from climate change are increasingly felt, the contents in an CEMP, including in the basic plan and any annexes, may need to be updated.</p>		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Integrate hazard mitigation principles in only hazard appendices		The plan will miss integration opportunities in the basic plan and annexes



Ask County to integrate hazard mitigation into the County CEMP

City CEMP will remain under developed



Action 2025-BataviaC-08. Flood Damage Prevention Ordinance Update

Lead Agency:	City Administration		
Supporting Agencies:	Zoning and Planning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.		
Description of the Solution:	The City will work with Genesee County and NYSDEC to ensure its Flood Damage Prevention Ordinance is updated to adhere to NYS requirements. After obtaining the appropriate review and concurrence by the NFIP State Coordinator and the FEMA Regional Office, the City will update and adopt the Flood Damage Prevention Ordinance.		
Estimated Cost:	Low		
Potential Funding Sources:	City Budget		
Implementation Timeline:	Within 3 years		
Goals Met:	1, 2		
Benefits:	The updated ordinance will improve floodplain management, meet NFIP and State requirements, and increase resilience of new and substantially improved structures in the floodplain.		
Impact on Socially Vulnerable Populations:	The action will result in better regulation of construction standards within the Special Flood Hazard Area where significant risk to socially vulnerable populations exists.		
Impact on Future Development:	The action will result in stronger regulation of construction standards for future development in the Special Flood Hazard Area.		
Impact on Critical Facilities/Lifelines:	Critical facilities and lifelines located in the Special Flood Hazard Area will be required to meet the requirements set forth in the ordinance.		
Impact on Capabilities:	This action will improve floodplain management capabilities through better outlining of responsibilities and administrative procedures.		
Climate Change Considerations:	The updated ordinance includes the State's higher standards that are in place to address heightened flood risk due to climate change such as those for floodway rise and mandatory freeboard.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Update only freeboard requirements		Other areas of the ordinance which need to be updated would not be
	Leave NFIP		Residents lose flood insurance coverage



Action 2025-BataviaC-09. Wildfire Education and Outreach

Lead Agency:	City Administration, Fire Department	
Supporting Agencies:	Genesee County	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input checked="" type="checkbox"/> Wildfire
Description of the Problem:	The City faces risk from wildfires but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.	
Description of the Solution:	Create outreach materials, or utilize those from the County, on wildfire risks and methods of mitigation measures. Methods of distribution may include City events, newsletters, social media, the City website, and having the materials on display for the public at City libraries and/or offices. Outreach materials will be specified with education and information for the wildfire hazard.	
Estimated Cost:	Low	
Potential Funding Sources:	City Budget	
Implementation Timeline:	1 year	
Goals Met:	3	
Benefits:	This action will improve the public education and outreach capabilities in the City by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the City.	
Impact on Socially Vulnerable Populations:	Socially vulnerable populations will learn how to prepare for and mitigate the wildfire hazard which may impact them in the City.	
Impact on Future Development:	Not applicable	
Impact on Critical Facilities/Lifelines:	Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of the wildfire hazard. With these businesses becoming more resilient, this action would contribute to their continuity of operations.	
Impact on Capabilities:	This action would build upon the County's public education and outreach capabilities and adapt it to the City's needs.	
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from the wildfire hazard and how climate change may exacerbate those risks.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium
Alternatives:	Action	
	No Action	
	Rely on state or federal resources	
	Use only a few methods for distribution	
		Evaluation
		Current problem exists
		Resources may be generalized and not specific to the risks in the City
		Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance



Action 2025-BataviaC-10. Repetitive Loss Properties

Lead Agency:	City Administration		
Supporting Agencies:	Zoning and Planning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The City has 2 repetitive loss properties, but other properties may be impacted by flooding as well.		
Description of the Solution:	The City will conduct outreach to the impacted properties and will provide information on mitigation alternatives. After preferred mitigation measures are identified, the City will collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating of the affected properties that experience frequent flooding. The parameters for this initiative would be funding, benefits versus cost, and willing participation of property owners.		
Estimated Cost:	Medium		
Potential Funding Sources:	FEMA FMA, FMA SWIFT, City Budget, County Budget, Property Owners		
Implementation Timeline:	3 years		
Goals Met:	1, 2, 3, 4		
Benefits:	This action would foster comprehensive floodplain management by removing at risk properties from the flood hazard area or elevating properties to reduce the flood risk.		
Impact on Socially Vulnerable Populations:	Collecting data regarding homeowners that reside within flood prone areas provides an opportunity to introduce location-specific opportunities for assistance. Socially vulnerable populations may be able to have houses elevated or acquired when otherwise unaffordable.		
Impact on Future Development:	Increased outreach to homeowners within a flood prone area will limit construction in areas that are prone to hazard events. Homes may be acquired, which will remove those structures from the floodplain and prevent future development on those sites.		
Impact on Critical Facilities/Lifelines:	Removing structures from the floodplain decreases the demand on utilities and emergency services including health and medical, law enforcement, and search and rescue.		
Impact on Capabilities:	Outreach which promotes the removal of risk from the immediate floodplain via acquisition of properties will free up resources for search and rescue and other emergency operations as needed. This action will enhance the City's current NFIP capabilities.		
Climate Change Considerations:	Climate change is likely to increase the frequency and severity of severe rainfall, flash flooding, and riverine flooding events. Removing structures from the floodplain will reduce the response and recovery costs as a result of these events and decrease the loss of human life as a result of these events. Elevating structures will reduce the recovery costs.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Levee around floodplain		Costly, not enough room.
	Deployable flood barriers		Requires deployment. Residents may not have adequate time to deploy, especially those who are elderly or disabled.



Action 2025-BataviaC-11. Earthquake Education and Outreach

Lead Agency:	City Administration, Fire Department	
Supporting Agencies:	Genesee County	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The City faces risk from earthquakes but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The City does not currently have hazard mitigation information and outreach on the City website.	
Description of the Solution:	Create outreach materials, or utilize those from the County, on earthquake risks and methods of mitigation measures. Methods of distribution may include City events, newsletters, social media, the City website, and having the materials on display for the public at City libraries and/or offices. Outreach materials will be specified with education and information for the earthquake hazard.	
Estimated Cost:	Low	
Potential Funding Sources:	City Budget	
Implementation Timeline:	1 year	
Goals Met:	3	
Benefits:	This action will improve the public education and outreach capabilities in the City by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the City.	
Impact on Socially Vulnerable Populations:	Socially vulnerable populations will learn how to prepare for and mitigate the earthquake hazard which may impact them in the City.	
Impact on Future Development:	Not applicable	
Impact on Critical Facilities/Lifelines:	Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of the earthquake hazard. With these businesses becoming more resilient, this action would contribute to their continuity of operations.	
Impact on Capabilities:	This action would build upon the County's public education and outreach capabilities and adapt it to the City's needs.	
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from the earthquake hazard and how climate change may exacerbate those risks.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium <input type="checkbox"/> Low
Alternatives:	Action	Evaluation
	No Action	Current problem exists
	Rely on state or federal resources	Resources may be generalized and not specific to the risks in the City
	Use only a few methods for distribution	Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance