



9.7 Town/Village of East Rochester

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

9.7.1 Hazard Mitigation Planning Team

The Town/Village of East Rochester identified the hazard mitigation plan primary and alternate points of contact and developed this plan over the course of several months with input from many Town/Village departments, including Administration and the Building Department. The Village Administrator represented the community on the Monroe County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the municipality's planning process through Planning Partnership meetings is included in Volume 1, Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.7-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Martin G. D'Ambrose, Village Administrator Address: 317 Main Street, Suite 2000 East Rochester, NY 14445 Phone Number: 555-586-3553 Email: mdambrose@astrochester.org NFIP Floodplain Administrator	Name/Title: William Marr, Public Works Address: 317 Main Street, Suite 2000 East Rochester, NY 14445 Phone Number: 585-381-1565 Email: bmarr@astrochester.org
Name/Title: James J. Herko Jr., Building Department Address: 317 Main Street, Suite 2000 East Rochester, NY 14445 Phone Number: 585-385-3513 Email: jherko@astrochester.org	
Additional Contributors	
Name/Title: Martin G. D'Ambrose, Administrator Method of Participation: Provided data and information, contributed to mitigation strategy	

9.7.2 Municipal Profile

The Town/Village of East Rochester is southeast of the City of Rochester in the eastern portion of Monroe County. The municipality has a land area of 1.4 square miles and is bordered by the towns of Pittsford to the west, Perinton to the east, and Penfield to the north. Irondequoit Creek runs along the eastern edge of the Town/Village and is the most significant waterway in the jurisdiction.

The municipality was first established in 1897 as the Village of Despatch but was reincorporated in 1906 as the Village of East Rochester, emphasizing its proximity to the City of Rochester. In 1982, the residents of the village voted to become a coterminous town and village.



According to the U.S. Census, the 2020 population for the Village of Brockport was 6,334, a 3.8 percent decrease from the 2010 Census (6,587). Data from the 2020 American Community Survey 5-year Estimates indicate that 6 percent of the population is 5 years of age or younger, 17.9 percent is 65 years of age or older, 15.2 percent have disabilities, and 9.2 percent are below the poverty threshold. 0.3 percent of households are non-English speaking. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.7.3 Jurisdictional Capability Assessment and Integration

The Town/Village of East Rochester performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume 1, Section 6 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment includes the following analyses:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of administrative and technical capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Classification under various community mitigation programs.
- The community's adaptive capacity to withstand hazard events.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of the hazard mitigation analysis, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. The updated mitigation strategy provided an opportunity for the Town/Village of East Rochester to identify opportunities for integration of mitigation concepts that can be incorporated into municipal procedures.

Planning, Legal, and Regulatory Capability and Integration

The table below summarizes the regulatory tools that are available to the Town/Village of East Rochester. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.7-2. Planning, Legal, 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)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations				
Building Code	Yes	Chapter 67 Building Construction and Fire Prevention	State and Local	Code Enforcement Officer
<i>How does this reduce risk?</i> This article 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 this Town/Village of East Rochester. This article 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 article, all buildings, structures, and premises, regardless of use or occupancy, are subject to the provisions of this article. Fire prevention in the Town/Village of East Rochester is subject to the current edition of the New York State Fire Prevention and Building Code, and Energy Code, as amended.				
Zoning/Land Use Code	Yes	Chapter 193 Zoning	Local	Zoning Board of Adjustment



	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)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i> The zoning regulations and districts as herein established have been made in accordance with a Comprehensive Plan to promote present and future needs and the safety, morals, order, convenience, prosperity and general welfare of the residents of East Rochester, New York, and to provide for efficiency and economy in the process of redevelopment, for the appropriate and best use of land, for convenience of traffic and circulation of people and goods, for the appropriate use and occupancy of buildings, for healthful and convenient distribution of population, for good civic design and arrangement, including the preservation and enhancement of the attractiveness of the community, and for adequate public utilities, public services and facilities by regulating and limiting or determining the height and bulk of buildings and structures, the area of yards and other open spaces and the density of use. They have been made with reasonable consideration, among other things, for the existing use of property, for the character of the district and its peculiar suitability for particular uses and for trends of growth or change and with a view to conserving the value of land and buildings and encouraging the most appropriate use of land throughout the Town/Village of East Rochester.				
Subdivision Ordinance	Yes	Chapter 164 Subdivision of Land; Site Plans	Local	Zoning Board of Adjustment
<i>How does this reduce risk?</i> This chapter has been adopted in order to create conditions favorable to the health, safety, morals and general welfare of the citizens of the Town/Village of East Rochester through the provision of regulations that will ensure the harmonious development of the community.				
Site Plan Ordinance	Yes	Chapter 164 Subdivision of Land; Site Plans	Local	Zoning Board of Adjustment
<i>How does this reduce risk?</i> The Town/Village of East Rochester, New York, has the power and authority to approve plats for subdivisions within its corporate limits.				
Stormwater Management Ordinance	Yes	Chapter 151 Stormwater Management and Erosion and Sediment Control	Local	Stormwater Management Officer
<i>How does this reduce risk?</i> The purpose of this chapter is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within the Town/Village, and to address the findings of fact in Subsection A of this section. This chapter seeks to meet those purposes by achieving the following objectives: (1) Meet the requirements of minimum measures 4 and 5 of the SPDES general permit for stormwater discharges from municipal separate stormwater sewer systems (MS4s), Permit GP-02-02, as amended or revised; (2) Require land disturbance activities to conform to the substantive requirements of the New York State Department of Environmental Conservation State Pollutant Discharge Elimination System (SPDES) general permit for construction activities GP-02-01, as amended or revised; (3) Minimize increases in stormwater runoff from land disturbance activities in order to reduce flooding, siltation, increases in stream temperature, and stream bank erosion and maintain the integrity of stream channels; (4) Minimize increases in pollution caused by stormwater runoff from land disturbance activities which would otherwise degrade local water quality; (5) Minimize the total annual volume of stormwater runoff which flows from any specific site during and following development to the maximum extent practicable; and (6) Reduce stormwater runoff rates and volumes, soil erosion and nonpoint source pollution, wherever possible, through stormwater management practices and to ensure that these management practices are properly maintained and eliminate threats to public safety.				
Post-Disaster Recovery/ Reconstruction Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
<i>How does this reduce risk?</i> <ul style="list-style-type: none">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	Yes	Chapter 193 Zoning Article X District Regulations, Planned Development Districts	Local	Zoning Board of Adjustment
<i>How does this reduce risk?</i> The purpose of the Planned Development District is:				



	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)	Individual / Department / Agency Responsible
<p>(1) To provide for new residential, commercial, industrial and/or recreational development in which the economies of scale and creative and innovative planning and architectural concepts and techniques may be utilized by the developer without departing from the spirit and intent of this chapter.</p> <p>(2) To provide for the most appropriate, efficient and environmentally sound use of the remaining undeveloped land areas within the Town/Village.</p> <p>(3) To ensure that the regulations of this section are so interpreted and applied that the benefits of this chapter to the residents or occupants of the Planned Development District and the residents or occupants of adjacent properties will be protected.</p>				
Environmental Protection Ordinance	Yes	164-7 Preliminary Plats	Local	Building
<p><i>How does this reduce risk?</i></p> <p>Under this section a lengthy review of all aspects of this development for flood, storm water and green infrastructure. Environmental systems that protect development from hazards are identified and mapped. Environmental policies maintain and restore protective ecosystems. The ordinance prohibits development within, of filling of, wetlands, floodways, and floodplains. Environmental policies provide incentives to development that is located outside protective ecosystems.</p>				
Flood Damage Prevention Ordinance	Yes	Chapter 99 Flood Damage Prevention	Federal, State, County and Local	Building Inspector
<p><i>How does this reduce risk?</i></p> <p>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> <p>A. Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities.</p> <p>B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.</p> <p>C. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters.</p> <p>D. Control filling, grading, dredging and other development which may increase erosion or flood damages.</p> <p>E. Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands.</p> <p>F. Qualify for and maintain participation in the National Flood Insurance Program.</p>				
Wellhead Protection	Yes	Chapter 187 Wells, Private	Local	Clerk/Treasurer
<p><i>How does this reduce risk?</i></p> <p>This chapter is for the purpose of promoting the public health, safety, morals and general welfare of the Town/Village of East Rochester as to the operation of private wells within the limits of the Town/Village of East Rochester.</p>				
Emergency Management Ordinance	Yes	Chapter 11 Continuity of Government	Local	Deputy and emergency interim successors
<p><i>How does this reduce risk?</i></p> <p>This chapter is adopted so that on such occasions the government of the Town/Village of East Rochester, Monroe County, New York, may continue to function properly and efficiently under emergency circumstances.</p>				
Climate Change Ordinance	No	-	-	-
<p><i>How does this reduce risk?</i></p>				
Other	No	-	-	-
<p><i>How does this reduce risk?</i></p>				
Planning Documents				
Comprehensive Plan	Yes	Comprehensive Plan	Local	Administration
<p><i>How does this reduce risk?</i></p> <p>The Comprehensive Plan includes infrastructure policies that limit extension of existing facilities and services that would encourage development in areas vulnerable to natural hazards. The future land use map clearly identifies natural hazard areas. The land use policies discourage development or redevelopment with natural hazard areas. The plan provide adequate space for expected future growth in areas located outside natural hazard areas.</p>				
Capital Improvement Plan	No	-	-	-
<p><i>How does this reduce risk?</i></p>				
Disaster Debris Management Plan	No	-	-	-



	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)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Stormwater Management Plan	Yes	Stormwater Management Plan	Local	Monroe County Stormwater Coalition
<i>How does this reduce risk?</i> The Town/ Village of East Rochester, as part of the Monroe County Stormwater Coalition, has developed and maintains a stormwater management plan (SWMP). The SWMP includes six minimum control measures to help improve water quality which are listed below: <ul style="list-style-type: none"> • Public education & outreach • Public participation • Control of illicit discharges – detection & elimination • Construction site erosion control measures • Post-construction stormwater treatment • Pollution prevention at municipal facilities 				
Open Space Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Urban Water Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Habitat Conservation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Economic Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Shoreline Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Wildfire Protection Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Forest Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Transportation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Agriculture Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Action/ Resiliency/Sustainability Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Tourism Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Business/ Downtown Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				



	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)	Individual / Department / Agency Responsible
Other	No	-	-	-
<i>How does this reduce risk?</i>				
Response/Recovery Planning				
Comprehensive Emergency Management Plan	Yes	164-18 Conformity with Comprehensive Plan	Local	Building
<i>How does this reduce risk?</i> The Comprehensive Plan includes information on emergency management. By mapping the information out it will assist emergency service agencies. The Plan covers short-term response and long-term recovery to address communications, evacuation, and housing necessary for identified hazards.				
Continuity of Operations Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Substantial Damage Response Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Strategic Recovery Planning Report	No	-	-	-
<i>How does this reduce risk?</i>				
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-
<i>How does this reduce risk?</i>				
Post-Disaster Recovery Plan	Yes	Post-Disaster Recovery Plan, 2011	Local	DPW
<i>How does this reduce risk?</i> The Post-Disaster Recovery Plan provides for guidance on how to recover from disaster events.				
Public Health Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	No	-	-	-
<i>How does this reduce risk?</i>				

Development and Permitting Capability

The table below summarizes the capabilities of the Town/Village of East Rochester to oversee and track development.

Table 9.7-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits?	Yes	-
<ul style="list-style-type: none"> If you issue development permits, what department is responsible? 	-	Building Department
<ul style="list-style-type: none"> If you do not issue development permits, what is your process for tracking new development? 	N/A	-
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	SFHA
Do you have a buildable land inventory?	Yes	Very limited areas remain



Indicate if your jurisdiction implements the following	Yes/No	Comment:
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	N/A	-
Describe the level of build-out in your jurisdiction.	N/A	Very limited areas remain for potential development.

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town/Village of East Rochester and their current responsibilities that contribute to hazard mitigation.

Table 9.7-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	No	Planning Board was dissolved in 2020
Zoning Board of Adjustment	Yes	Zoning Board of Appeals
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 principally responsible for:</p> <ul style="list-style-type: none"> refuse collection, recycling yard debris and leaf pick-up road maintenance plowing and salting Town/Village roadways, lots & sidewalks maintaining Town/Village buildings, parks, and recreation areas Spray Park maintenance maintains and repairs 13 miles of storm sewer including catch basins maintains and repairs 18 miles of sanitary sewer including 4 sewage pumping stations and 1 storm sewer pumping station maintains, repairs and cleans 42 lane miles of road and road signage including 3 sets of traffic control units performs crosswalk, parking and pavement striping maintains all Town/Village owned trees, plants and mulch areas the mechanical operation, maintenance and repair of all DPW vehicles and equipment, as well as all police and fire vehicles
Construction/Building/Code Enforcement Department	Yes	Building Department
Emergency Management/Public Safety Department	No	-
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	Yes	Residents have the ability to sign up for reverse 911 cell phone notifications of emergency situations. Citizen engagement app, East Rochester Connects through the Monroe County Emergency Communications Department.



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	No	-
Mutual aid agreements	Yes	East Rochester has a P.O.D. plan in place with the County
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other	Yes	Tree Committee Board
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	MRB Group/ Building Department
Engineers or professionals trained in building or infrastructure construction practices	Yes	Engineering/ Building/ DPW
Planners or engineers with an understanding of natural hazards	Yes	Engineering
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Environmental scientist familiar with natural hazards	No	-
Surveyor(s)	Yes	Engineering
Emergency Manager	No	-
Grant writer(s)	Yes	J. O'Connell & Associates
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	No	-

Fiscal Capability

The table below summarizes financial resources available to the Town/Village of East Rochester.

Table 9.7-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes- Sewer
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	Yes



Financial Resources	Accessible or Eligible to Use? (Yes/No)
Open Space Acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	No

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town/Village of East Rochester.

Table 9.7-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	No	-
Personnel skilled or trained in website development	Yes	Administrators Office
Hazard mitigation information available on your website	Yes	The website includes stormwater and COVID-19 information. The Town/Village website provides a brief description of emergency services for the Town/Village that includes references to the County Points of Dispensing (POD) plan and the County 9-1-1 system. The East Rochester Fire Department website posts important notices, such as dangerous road conditions and fire locations.
Social media for hazard mitigation education and outreach	No	-
Citizen boards or commissions that address issues related to hazard mitigation	Yes	Cable Commission Channel 12 Committee, Youth Activity Center Board, Housing Authority
Warning systems for hazard events	Yes	Residents have the ability to sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.
Natural disaster/safety programs in place for schools	Yes	Fire Department completes annual programs for schools.
Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? • If yes, please describe.	Yes	East Rochester Connects

Community Classifications

The table below summarizes classifications for community programs available to the Town/Village of East Rochester.

Table 9.7-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	3	2022
New York State Department of Environmental Conservation (NYSDEC) Climate Smart Community	No	-	-



Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Storm Ready Certification	No	(Monroe County is StormReady)	-
Firewise Communities classification	No	-	-
Other	No	-	-

Note:

N/A Not applicable

- Unavailable

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each identified hazard of concern and the jurisdiction’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 9.7-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Disease Outbreak	Moderate
Drought	Moderate
Earthquake	Weak
Extreme Temperature	Weak
Flood	Weak
Hazardous Materials	Weak
Infestation and Invasive Species	Weak
Landslide	Moderate
Severe Storm	Strong
Severe Winter Storm	Strong
Wildfire	Moderate

9.7.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP. The Floodplain Administrator is responsible for maintaining this information and is listed in the Hazard Mitigation Planning Team table at the beginning of this annex.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Town/Village of East Rochester.



Table 9.7-9. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties (FMA definition)	# RL Properties (NFIP definition)	# SRL Properties	# Policies in the 1% Flood Boundary
Town/Village of East Rochester	0	0	\$0	0		0	0

Source: FEMA Region 2 2015

Note (1): Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015. The total number of repetitive loss properties does not include severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

Note (2): Total building and content losses from the claims file provided by FEMA Region 2.

Note (3): Number of policies inside and outside of flood zones is based on latitude and longitude provided by FEMA Region 2 in the policy file. FEMA noted that for a property with more than one entry, more than one policy may have been in force, or more than one Geographic Information System (GIS) specification was possible. Number of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

RL FMA Definition Any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

RL NFIP Definition Any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period, since 1978.

Flood Vulnerability Summary

The following table provides a summary of the NFIP program in the Town/Village of East Rochester.

Table 9.7-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 	Eyer Park, Public Works Garage, and Village Warehouse (Private Business) are prone to flooding.
Do you maintain a list of property owners interested in flood mitigation? <ul style="list-style-type: none"> How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 	No. No property owners are interested.
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	No
How do you make Substantial Damage determinations? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 	Contact Insurance carrier, adjuster assigned. No substantial damage declarations have been made.
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigation properties, how were the projects funded? 	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Yes
NFIP Compliance	
What local department is responsible for floodplain management?	Department of Public Works/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?	No



NFIP Topic	Comments
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none">If so, what type of assistance/training is needed?	No
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	The Building Department educates and assists with the listed items.
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Building Department/ZBA
What are the barriers to running an effective NFIP program in the community, if any?	None
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none">If so, state the violations.	No
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	There are no records of a Community Assistance visit. The most recent Community Assistance Contact was May 12, 2020.
What is the local law number or municipal code of your flood damage prevention ordinance? <ul style="list-style-type: none">What is the date that your flood damage prevention ordinance was last amended?	Chapter 99, March 2022
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none">If exceeds, in what ways?	Meets 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?	No specific ordinances. Under normal review process. The ZBA considers flood risk when reviewing variances.
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No

9.7.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

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

Evacuation Routes and Procedures

The Town/Village of East Rochester identified the following routes and procedures to evacuate residents prior to and during an event.

- No evacuation routes or procedures have been previously identified. During the 1991 Ice Storm power was out for several weeks in the dead of winter and no one evacuated.

Sheltering

The Town/Village of East Rochester has identified the following designated emergency shelters within the Town/Village.



Table 9.7-11. Designated Emergency Shelters

Site Name	Address	Capacity (# of people)	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
Eyer Building	317 Main Street	200	Yes	Yes	Yes	Basic	Meals
East Rochester School District	200 Woodbine Avenue	500	Yes	Yes	Yes	Basic	Meals

Temporary Housing

Each jurisdiction must identify sites for placement of temporary housing units to house residents displaced by a disaster. The Town/Village of East Rochester has identified the following sites suitable for placing temporary housing units.

Table 9.7-12. Temporary Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic, etc.)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
Edmund Lyon Park	700 Main Street	25	Mobile Homes	Yes	In Compliance

Permanent Housing

Structures located in the regulatory floodplain might need to be relocated due to high flood risk or new properties must be built once severely damaged properties are demolished. Jurisdictions must identify suitable sites currently owned by the jurisdiction and potential sites under private ownership that meet applicable local zoning requirements and floodplain laws. The Town/Village of East Rochester has identified the following areas suitable for relocating homes outside of the floodplain.

Table 9.7-13. Permanent Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
No sites are available that meet these requirements due to lack of buildable land.					

9.7.6 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. Table 9.7-14 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.



Table 9.7-14. Recent and Expected Future Development

Type of Development	2017		2018		2019		2020		2021		2022	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)												
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single Family	3	0	1	0	2	0	4	0	1	0	Final statistics for 2022 were not available for this HMP update.	
Multi-Family	0	0	0	0	0	0	0	0	0	0		
Other (commercial, mixed-use, etc.)	3	0	1	0	2	0	0	0	3	0		
Total New Construction Permits Issued	6	0	2	0	4	0	4	0	4	0		
Property or Development Name	Type of Development		# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development			
Recent Major Development and Infrastructure from 2017 to Present												
None identified												
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years												
None anticipated												

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.7.7 Jurisdictional Risk Assessment

The hazard profiles in Volume 1, Section 5 (Risk Assessment) provide detailed information regarding each plan participant's vulnerability to the identified hazards. Section 5.2 (Methodology and Tools) and Section 5.4 (Hazard Ranking) provide detailed summaries for the Town/Village of East Rochester's risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps provided below illustrate the probable areas impacted within the jurisdiction based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps were generated only for those hazards that can be identified clearly using mapping techniques and technologies and for which the Town/Village of East Rochester has significant exposure. The maps also show the location of potential new development, where available.



Figure 9.7-1. Town/Village of East Rochester Hazard Area Extent and Location Map 1

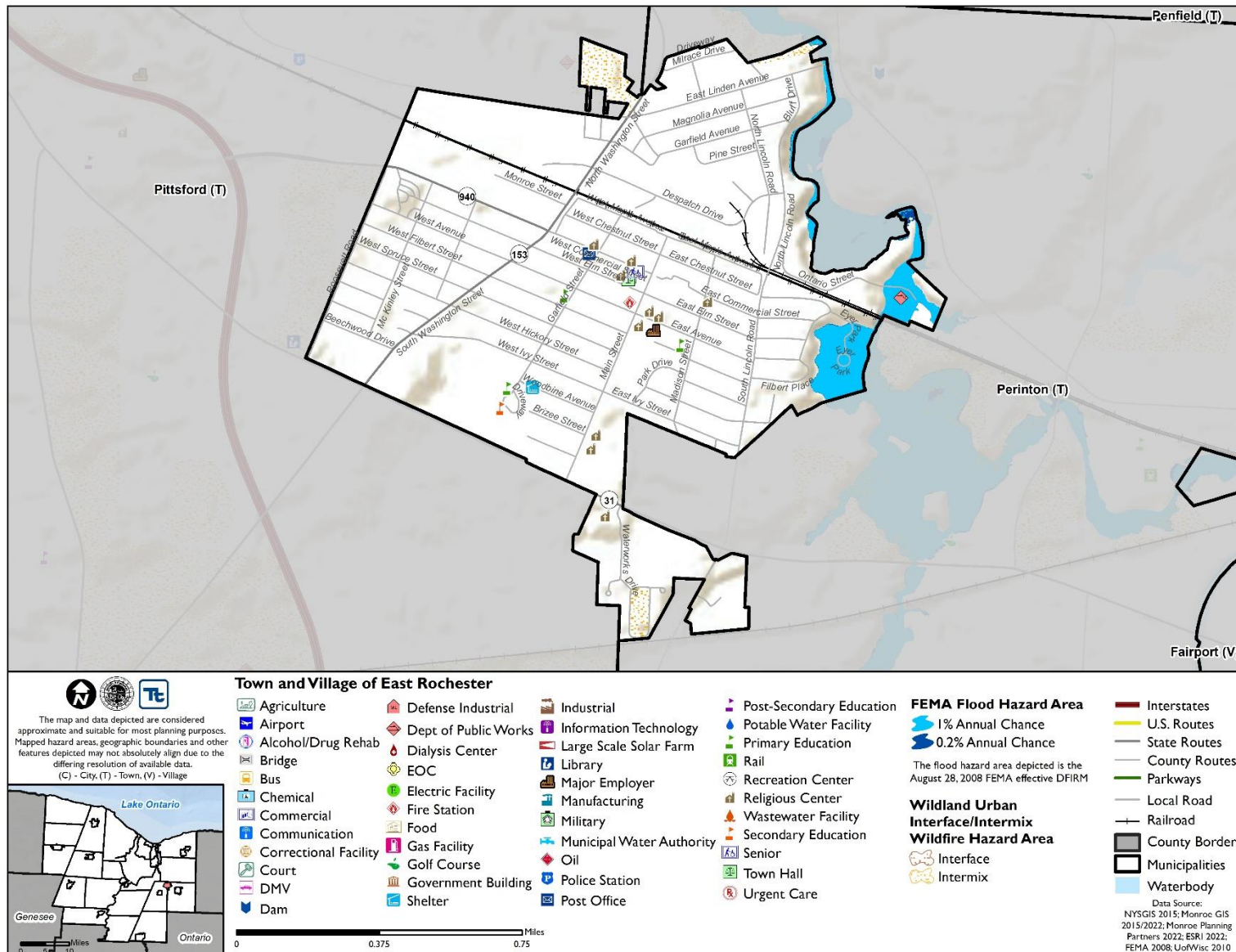
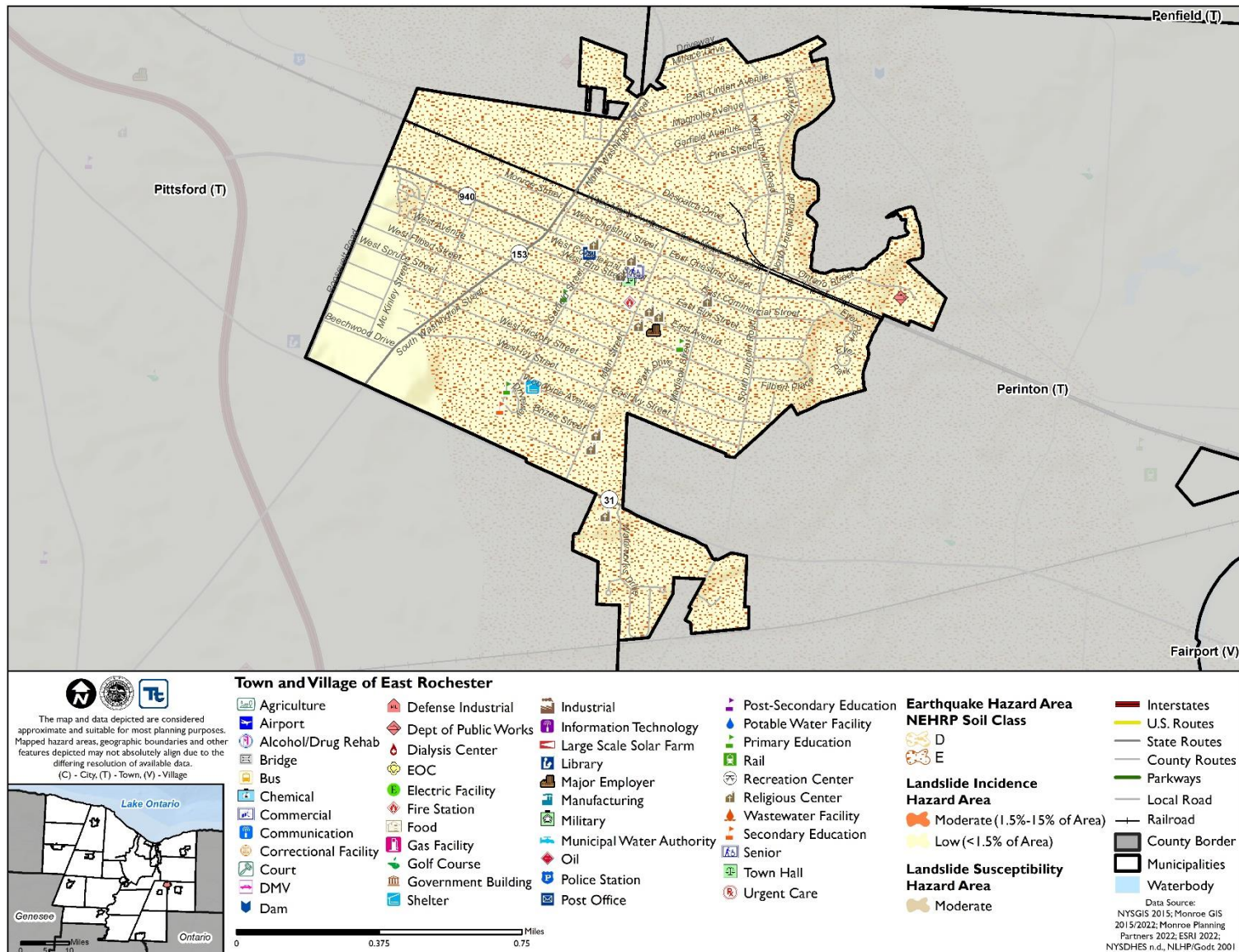




Figure 9.7-2. Town/Village of East Rochester Hazard Area Extent and Location Map 2





Hazard Event History

Monroe County has a history of natural and non-natural hazard events, as detailed in Volume I, Section 5 (Risk Assessment). A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities.

The Town/Village of East Rochester's history of federally-declared (as presented by FEMA) and significant hazard events [as presented in NOAA-National Centers for Environmental Information (NCEI)] is consistent with that of the County. Table 9.7-15 provides details regarding municipal-specific loss and damages the Town/Village experienced during hazard events since the last hazard mitigation plan update. Information provided in the table below is based on reference material or local sources.

Table 9.7-15. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
March 8, 2017	High Wind	No	Unusually deep low pressure moved from northwest Ontario across Hudson Bay. The low brought strong winds to the entire region with sustained winds up to 49 mph and wind gusts as high as 81 mph. A significant amount of damage resulted with 100,000 without power in Monroe County alone.	East Rochester was heavily impacted by this event. Labor cost estimate using fringe rate pay rates was \$11,000. Equipment estimate for using NYSDOT equipment rental rates was \$9,000. Estimated pickup and dumping costs for brush was \$12,000.
May 2-August 6, 2017	Flooding (DR-4348)	Yes	During the first six months of 2017, more than twice the normal amount of water accumulated on Lake Ontario. The lake reached a record level of 248.95 feet. Flooding began in early May and continued into early fall.	Although the County was impacted, the Town/Village did not report damages.
May-June 2019	Lakeshore Flood	No	Excessive runoff into the Ottawa River Basin in Canada restricted the outlet of Lake Ontario. This combined with above normal precipitation into the Lake Ontario Basin, record levels on the Great Lakes above Lake Ontario, and higher than normal flows into the lake from the Niagara River pushed the lake to well above normal levels.	Although the County was impacted, the Town/Village did not report damages.
October 31, 2019	High Wind and Flooding	No	A deepening area of consolidated low pressure tracked across the region. This system brought record breaking Halloween rains, damaging wind gusts, and a small Lake Ontario seiche	Although the County was impacted, the Town/Village did not report damages.
January 20, 2020 – Present	Covid-19 Pandemic (EM-3434) (DR-4480)	Yes	Between March 1, 2020 and July 20, 2022, Monroe County reported 171,851 confirmed cases of COVID-19, and 1,660 total fatalities.	Municipal Offices were closed for two weeks. No other significant impacts.

Notes:

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





Hazard Ranking and Vulnerabilities

The hazard profiles in Volume 1, Section 5 (Risk Assessment) have detailed information regarding each plan participant's vulnerability to the identified hazards. The following summarizes the Town/Village of East Rochester's risk assessment results and data used to determine the hazard ranking.

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Volume 1, Section 5 (Risk Assessment). 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; and community capabilities to address the hazard and changing future climate conditions. Mitigation action development uses the inputs from the evaluation to target those hazards with highest level of concern.

As discussed in Volume 1, Section 5.3 (Hazard Ranking), each participating jurisdiction has differing degrees of risk exposure and vulnerability compared with the County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town/Village of East Rochester. The Town/Village of East Rochester reviewed the County hazard risk/vulnerability risk ranking table and individual results to reflect the relative risk of the hazards of concern to the community.

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

- The Town/Village changed the calculated hazard rankings from medium to low, noting that extreme temperature events have not been experienced locally.
- The Town/Village confirmed that flood and hazardous materials should remain low, noting that there is not a history of issues.
- The Town/Village agreed with the remainder of the calculated hazard rankings.

Table 9.7-16. Hazard Ranking Input

Disease Outbreak	Drought	Earthquake	Extreme Temperature	Flood	Hazardous Materials
Low	Medium	Low	Low	Low	Low
Infestation and Invasive Species	Landslide	Severe Storm	Severe Winter Storm	Wildfire	
Low	Low	High	High	Low	

Note: The scale is based on the hazard rankings established in Volume 1, Section 5.3 (Hazard Ranking) and modified as appropriate during review by the jurisdiction

Critical Facilities

NYSDEC Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a SFHA unless constructed according to specific mitigation specifications, including being raised 2' above the Base Flood Elevation (BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, New York State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 0.2-percent annual chance flood event or worst damage scenario. For those that do not meet these criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).



The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain and presents Hazus-MH estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.7-17. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Village of East Rochester DPW	Dept of Public Works	X	X		The building was constructed above the 1% flood level, but may not be protected to 0.2% flood level

Source: FEMA 2008; Monroe County GIS 2022

Identified Issues

After review of the Town/Village of East Rochester's hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the Town/Village of East Rochester identified the following vulnerabilities within their community:

- Undersized components of the storm sewer system are unable to handle larger storm events, particularly as intense precipitation events become more frequent. This results in flooding of parks and streets.*
- The Department of Public Works lacks backup power. Power failure can result in the loss of critical services to the community.
- Additional training is needed for staff to be able to respond to disaster events and prepare grant applications.
- Additional outreach is needed to expand the Town/Village's fire detector outreach program to build public awareness and fire detector installation rates.
- The DPW is located in the 1-percent floodplain. Although the building was constructed above the 1-percent flood level, it may not be fully protected to the 0.2-percent flood level.
- The Covid-19 pandemic has demonstrated the level of impact that disease outbreak events can present. Staff need to be trained on how to respond to future events and supplies must be available to address disease outbreak.
- The Town/Village can be impacted by hazards that are not as frequent or do not have the same severity of impact. Residents are not always aware of the risks these hazards present.
- While major events that result in substantial damage of structures are rare, municipalities need to have official procedures in place to inspect structures, make determinations, and provide for appeals.

*This issue was identified as a specific area of concern based on resident response to the Monroe County Hazard Mitigation Citizen survey.

9.7.8 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritizes actions to address over the next five years.



Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2017 HMP. Actions that are in progress are carried forward and combined with new actions as part of this plan update and are included in the tables with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such and previously presented in the ‘Capability Assessment’ earlier in this annex.

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Table 9.7-18. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if project status is complete)	1. Next Steps Project to be included in 2023 HMP or Discontinue 2. If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TVER-1	Evaluate the flood vulnerability of the Town/Village Public Works facility and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.	Flood		FPA; Engineer	No Progress	Cost Level of Protection Damages Avoided; Evidence of Success	1. Discontinue 2. 3. No longer a priority. The facility is about the 1% annual change flood elevation and is reasonably protected.
TVER-2	Flood mitigation at the DPW garage – protect the garage to the 0.2% annual chance floodplain.	Flood		Town/Village of East Rochester Department of Public Works	In Progress	Cost Level of Protection Damages Avoided; Evidence of Success	1. Include in 2023 HMP 2. 3.
TVER-3	Secure additional funding to expand fire detector hand-out and installation program	Wildfire, Utility Failure, Severe Storm		Fire Department, CDBG (HUD)	No Progress	Cost Level of Protection Damages Avoided; Evidence of Success	1. Include in 2023 HMP 2. Up program to 500 per year. 3.
TVER-4	Apply for additional funding to enhance the tree maintenance and clearing program, or coordinate with utility companies to ensure tree maintenance.	Extreme temperature, Infestation (Emerald Ash Borer), Severe Storm, Severe Winter Storm, Wildfire, Utility Failure		Town/Village of East Rochester Department of Public Works	Ongoing Capability	Cost Level of Protection Damages Avoided; Evidence of Success	1. Discontinue 2. 3. Ongoing capability. Rochester Gas & Electric is responsible for pruning trees.
TVER-5	Enact Local Laws that require property owners to demolish and remove unsafe structures from their properties.	Severe Storm, Severe Winter Storm, Wildfire, Flood, Haz Mat, Terrorism, Civil Unrest		Town/Village of East Rochester Department of Public Works, Planning Board	Complete	Cost Level of Protection Damages Avoided; Evidence of Success	1. Discontinue 2. Recent Board Approval 3. Complete. Recent Board approval to condemn property completed.
		All Hazards			No Progress	Cost	1. Include in 2023 HMP



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Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if project status is complete)		1. Next Steps Project to be included in 2023 HMP or Discontinue 2. If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TVER-6	Attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.			Monroe County, Town/Village EMC, Building, Highway, Code Enforcement, Planning		Level of Protection		2.
						Damages Avoided; Evidence of Success		3. NA
TVER-7	Send local Floodplain Administrator to County and State trainings and complete certification programs with respect to floodplain management.	All Hazards		Town FPM, Building Department	Complete	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Complete. Have attended trainings and certification.



Additional Mitigation Efforts

In addition to the mitigation initiatives completed in Table 9.7-18, the Town/Village of East Rochester identified the following mitigation efforts completed since the last HMP:

- None identified

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town/Village of East Rochester participated in a mitigation action workshop in October 2022 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

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

Table 9.7-19. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Disease Outbreak	X	-	-	X	X	X	X	-	-	-
Drought	X	-	-	X	X	X	X	-	-	-
Earthquake	X	-	-	X	X	X	X	-	-	-
Extreme Temperature	X	X	-	X	X	X	X	-	-	X
Flood	X	X	-	X	X	X	X	-	X	-
Hazardous Materials	X	-	-	X	X	X	X	-	-	-
Infestation and Invasive Species	X	-	-	X	X	X	X	-	-	-
Landslide	X	-	-	X	X	X	X	-	-	-
Severe Storm	X	X	-	X	X	X	X	-	X	X
Severe Winter Storm	X	X	-	X	X	X	X	-	-	X
Wildfire	X	-	-	X	X	X	X	-	-	-

Note: Mitigation categories are described below the Mitigation Initiatives Table (Table 9.7-20).

The table below summarizes the specific mitigation initiatives the Town/Village of East Rochester would like to pursue in the future to reduce the effects of hazards. The initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities.



Table 9.7-20. Proposed Hazard Mitigation Initiatives


Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2023-Town/Village of East Rochester-001	Increase Storm Sewer Capacity	2, 3	Flood, Severe Storm	Problem: Undersized components of the storm sewer system are unable to handle larger storm events, particularly as intense precipitation events become more frequent. This results in flooding of parks and streets. Solution: The Town/Village Engineer will complete an engineering survey of stormwater components that are undersized and contribute to flooding to determine the proper size necessary to provide the necessary stormwater capacity. The Town/Village DPW will complete the necessary upsizing for these components noted to be undersized.	No	None	Within 5 years	Engineer, DPW	High	Reduction in flood damages to storm sewer system, reduction in flood risk	HMGP, BRIC, PDM, CHIPS, Town/Village budget	High	SIP	SP
2023-Town/Village of East Rochester-002	DPW Backup Power	3	Extreme Temperature, Severe Storm, Severe Winter Storm	Problem: The Department of Public Works lacks backup power. Power failure can result in the loss of critical services to the community. Solution: Public Works will install a natural gas generator and necessary	Yes 	None	Within 6 months	DPW	\$54,000	Protects continuity of operations	Grant from NYS Assembly	High	SIP	ES



Table 9.7-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				electrical components. Public Works will be responsible for maintenance of the generator following installation.										
2023-Town/Village of East Rochester-003	Staff Training	1	All Hazards	Problem: Additional training is needed for staff to be able to respond to disaster events and prepare grant applications. Solution: Town/Village staff will attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	No	None	2 years	Administration	Staff time	Increased staff capability to respond and recover from hazard events	Town/Village budget	High	LPR	PR, ES
2023-Town/Village of East Rochester-004	Fire Detector Outreach	1, 4	Wildfire	Problem: Additional outreach is needed to expand the Town/Village's fire detector outreach program to build public awareness and fire detector installation rates. Solution: Secure additional funding from local community organizations to expand fire detector hand-out and	No	None	2 years	Administration	Medium	Increased public awareness, protection from fire detectors	Local community organizations, Town/Village budget	High	EAP	ES



Table 9.7-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				installation program to 500 per year.										
2023-Town/Village of East Rochester-005	DPW Flood Protection	3	Flood	<p>Problem: The DPW is located in the 1% floodplain. Although the building was constructed above the 1% flood level, it may not be fully protected to the 0.2% flood level.</p> <p>Solution: The Town/Village will complete feasibility study to identify what flood protections currently exist, determine if additional measures are needed, evaluate potential protective actions, and implement selected strategies to protect the facilities to the 0.2% flood level. Potential mitigation actions will include:</p> <ul style="list-style-type: none"> • Relocation • Floodproofing • Elevation 	Yes 💧	None	Within 5 years	Engineer, DPW	TBD by feasibility assessment	Reduction in flood risk, protection of critical services	FEMA HMGP, BRIC, PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town/Village Budget	High	SIP	PP
2023-Town/Village of East Rochester-006	Disease Outbreak Training and Supplies	1, 4	Disease Outbreak	Problem: The Covid-19 pandemic has demonstrated the level of impact that disease outbreak events can present. Staff need to be trained on how to respond to future events and supplies	No	None	2 years	OEM	Staff time for training, Low expected cost for supplies	Increased capability to respond to disease outbreak events	Town/Village budget, BRIC, PDM	High	LPR, EAP	PR, PI



Table 9.7-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				must be available to address disease outbreak. Solution: The Town/Village will stockpile necessary supplies to address disease outbreak events such as PPE. Town staff will undergo training for disease outbreak response.										
2023-Town/Village of East Rochester-007	Public Outreach Program	1, 4	All Hazards	Problem: The Town/Village can be impacted by hazards that are not as frequent or do not have the same severity of impact. Residents are not always aware of the risks these hazards present. Solution: The Town/Village will expand outreach to include information on lesser known/less frequent hazards of concern.	No	None	1 year	Administration	Staff time	Increased public awareness	Town/Village budget	High	EAP	PI
2023-Town/Village of East Rochester-008	Substantial Damage Procedures	1, 2, 3	All Hazards	Problem: While major events that result in substantial damage of structures are rare, municipalities need to have official procedures in place to inspect structures, make determinations,	No	None	Within 5 years	FPA	Staff time	Meet NFIP requirements, improved floodplain administration	Municipal budget	High	LPR	PP, PR



Table 9.7-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				and provide for appeals. Solution: The municipality will develop official procedures for Substantial Damage and Substantial Improvement determinations.										

Notes:

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

Acronyms and Abbreviations:

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

Potential FEMA HMA Funding Sources:

FMA	Flood Mitigation Assistance Grant Program
HMGP	Hazard Mitigation Grant Program
BRIC	Building Resilient Infrastructure and Communities Program

Timeline:


The time required for completion of the project upon implementation.

Cost:

The estimated cost for implementation.

Benefits:

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

Critical Facility:Yes  Critical Facility located in 1% floodplainMitigation Category:

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



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

CRS Category:

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

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The prioritization criteria provided in Volume 1, Section 6 (Mitigation Strategy) identify 14 evaluation/prioritization criteria to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as 'High', 'Medium', or 'Low.' The table below provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.

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Table 9.7-21. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2023-Town/Village of East Rochester-001	Increase Storm Sewer Capacity	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2023-Town/Village of East Rochester-002	DPW Backup Power	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023-Town/Village of East Rochester-003	Staff Training	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2023-Town/Village of East Rochester-004	Fire Detector Outreach	1	1	1	1	1	1	0	1	1	1	0	1	1	1	12	High
2023-Town/Village of East Rochester-005	DPW Flood Protection	1	1	1	0	1	1	0	1	1	1	0	0	1	1	10	High
2023-Town/Village of East Rochester-006	Disease Outbreak Training and Supplies	1	0	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2023-Town/Village of East Rochester-007	Public Outreach Program	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023-Town/Village of East Rochester-008	Substantial Damage Procedures	0	1	1	1	1	1	1	1	1	1	1	0	1	1	12	High

Note: Volume 1, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).



9.7.9 Action Worksheets

The following action worksheets were developed by the Town/Village of East Rochester to aid in the submittal of grant applications to support the funding of high priority proposed actions.

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Section 9.7: Town/Village of East Rochester

Action Worksheet			
Project Name:	Increase Storm Sewer Capacity		
Project Number:	2023-Town/Village of East Rochester-001		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Undersized components of the storm sewer system are unable to handle larger storm events, particularly as intense precipitation events become more frequent. This results in flooding of parks and streets.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town/Village Engineer will complete an engineering survey of stormwater components that are undersized and contribute to flooding to determine the proper size necessary to provide the necessary stormwater capacity. The Town/Village DPW will complete the necessary upsizing for these components noted to be undersized.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	At least a 5-year event; will be determined once project is complete	Estimated Benefits (losses avoided):	Reduction in flood damages to storm sewer system, reduction in flood risk
Useful Life:	30 years	Goals Met:	2, 3
Estimated Cost:	High	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	5 years	Potential Funding Sources:	HMGP, BRIC, CHIPS, Town/Village budget
Responsible Organization:	Engineer, DPW	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Stormwater Management
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Remove roads	High	Roadways cannot be removed
	Relocate roads to another location	High	Relocation not possible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Increase Storm Sewer Capacity	
Project Number:	2023-Town/Village of East Rochester-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will reduce flood risk
Property Protection	1	Project will protect roadways/culverts from flood damages
Cost-Effectiveness	1	
Technical	1	The project is technically feasible
Political	1	
Legal	1	The Town/Village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, DPW
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	



Section 9.7: Town/Village of East Rochester

Action Worksheet			
Project Name:	DPW Flood Protection		
Project Number:	2023-Town/Village of East Rochester-005		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The DPW is located in the 1% floodplain. Although the building was constructed above the 1% flood level, it may not be fully protected to the 0.2% flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town/Village will complete a feasibility study to identify what flood protections currently exist, determine if additional measures are needed, evaluate potential protective actions, and implement selected strategies to protect the facilities to the 0.2% flood level. Potential mitigation actions will include: <ul style="list-style-type: none">• Relocation• Floodproofing• Elevation		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	500-year flood level	Estimated Benefits (losses avoided):	Reduction in flood risk, protection of critical services
Useful Life:	TBD by feasibility studies	Goals Met:	3
Estimated Cost:	TBD by feasibility studies	Mitigation Action Type:	Structure and Infrastructure Projects (SIP)
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town/Village Budget
Responsible Organization:	Engineer, DPW	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	DPW Flood Protection	
Project Number:	2023-Town/Village of East Rochester-005	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of the DPW
Property Protection	1	Project will protect the DPW from flood damage.
Cost-Effectiveness	1	
Technical	0	Technical feasibility is unknown at this time
Political	1	
Legal	1	The Town/Village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, DPW
Other Community Objectives	1	Protection of critical services
Total	10	
Priority (High/Med/Low)	High	