



## 9.15 TOWN OF IRONDEQUOIT

This section presents the jurisdictional annex for the Town of Irondequoit.

### 9.15.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan’s (HMP) primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Greg Merrick, Fire Marshal 1280 Titus Ave, Rochester, NY 14617 585-336-6097 E-mail: <a href="mailto:gmerrick@irondequoit.org">gmerrick@irondequoit.org</a>	Robert Kiley, Acting Commissioner of Public Works 1280 Titus Avenue, Rochester, NY 14617 585-336-6090, Ext. 4102 E-mail: <a href="mailto:rkiley@irondequoit.org">rkiley@irondequoit.org</a>

### 9.15.2 Municipal Profile

The Town of Irondequoit is along the shore of Lake Ontario in northern Monroe County, and is a major suburb of the City of Rochester. The Town encompasses 15.2 square miles of land and 1.6 square miles of water. The Town of Irondequoit is surrounded by water on three sides, with Lake Ontario north, Irondequoit Bay east, and the Genesee River west. The Monroe County Flood Insurance Study (FIS) notes six unnamed streams within the Town. To the east of the Town of Irondequoit are the Towns of Webster and Penfield, to the southeast is the Town of Brighton, and to the south and west is the City of Rochester.

The Town of Irondequoit was established in 1839, when it separated from the Town of Brighton. Population of the Town is 51,692, according to the 2010 U.S. Census.

### Growth/Development Trends

Table 9.15-1 below summarizes recent residential/commercial development in the Town of Irondequoit since 2010, and lists any known or anticipated major residential/commercial development and major infrastructure development slated within the next 5 years within the municipality. Refer to maps after Section 9.15-9 of this annex: Figure 9-15-1 shows landslide and wildfire hazard areas, and Figure 9-15-2 is a floodplain map.

**Table 9.15-1. Growth and Development**

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
<b>Recent Development from 2010 to present</b>					
Starbucks/Chipotle	Comm.	One structure	1495 E. Ridge Road	Not applicable (N/A)	New building / Complete
Tops Depot Plaza	Comm.	Multi-tenant plaza	999 E. Ridge Road	N/A	Renovated existing building / Complete
Newport	Res.	Condo / Apartment	500 Newport Road	N/A	Early construction phase
<b>Known or Anticipated Development within the Next 5 Years</b>					
MCDOT Pavement Preservation Project	Infra	N/A	Titus / St. Paul Blvd. / Hudson	N/A	Under design
Former Tops Plaza	Comm.	One structure	1455 E. Ridge Road	N/A	Preliminary design
Lighthouse Point	Res.	250	Thomas Avenue/ Pattonwood Drive	Floodplain	Proposed condos and apartment (multi-story, multiple buildings)





Note: Only location-specific hazard zones or vulnerabilities are identified.

### 9.15.3 Natural Hazard Event History Specific to the Municipality

Monroe County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this Plan. A summary of historical events appears in each hazard profile, and includes a chronology of events that have affected the County and its municipalities. For the purpose of this Plan update, to the extent possible, all events that have occurred in the County were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material or local sources. This information is listed in Table 9.15-2 below. For details of these and additional events, refer to Volume I, Section 5.0 of this Plan.

**Table 9.15-2. Hazard Event History**

Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 8, 2010	High Wind	N/A	N/A	None noted.
April 26 - May 8, 2011	Severe Storms, flooding, tornadoes, and straight-line winds	DR-1993	No	None noted.
January 17, 2012	High wind	N/A	N/A	None noted.
February 24, 2012	High winds	N/A	N/A	None noted.
October 27 - November 8, 2012	Hurricane Sandy	EM-3351	Yes	None noted.
June 26 - July 11, 2013	Severe storms and flooding	DR-4129	No	None noted.
December 21, 2013	Ice storm	N/A	N/A	None noted.
March 12, 2014	Blizzard	N/A	N/A	None noted.
May 13-22, 2014	Severe storms and flooding	DR-4180	No	None noted.
July 28, 2014	Flash flood	N/A	N/A	None noted.
November 17-26, 2014	Severe winter storm, snowstorm, and flooding	DR-4204	No	None noted.
June 10, 2015	Thunderstorm wind/ hail	N/A	N/A	None noted.
August 20, 2015	Flash flooding	N/A	N/A	None noted.

### 9.15.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this Plan convey detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes hazard vulnerabilities and their ranking in the Town of Irondequoit. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Hazard Risk/Vulnerability Risk Ranking

Table 9.15-3 below summarizes hazard risk/vulnerability rankings of potential hazards for the Town of Irondequoit. The hazards of concern for the Town are those with a High hazard ranking.



**Table 9.15-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>1, 3</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>2</sup>
Severe storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Extreme temperature	Damage Estimate Not Available	Frequent	36	High
Infestation	Damage Estimate Not Available	Frequent	36	High
Severe winter storm	"1% Damage Loss Estimate: \$97,668,025 5% Damage Loss Estimate: \$488,340,125 10% Damage Loss Estimate: \$976,680,250"	Frequent	36	High
Utility failure	Damage Estimate Not Available	Frequent	36	High
Earthquake	100-year Mean Return Period (MRP) General Building Stock (GBS): \$1,493,366 500-year MRP GBS: \$24,212,779 2,500-year MRP GBS: \$263,865,663 Annualized: \$342,377	Frequent	30	Medium
Landslide	Exposed: \$16,039,008,101	Frequent	30	Medium
Civil unrest	Damage Estimate Not Available	Frequent	18	Medium
Hazardous materials	Damage Estimate Not Available	Frequent	18	Medium
Flood	1% annual chance: \$13,148,222	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Wildfire	Exposed Value in the Wildland-Urban Interface (WUI): \$1,872,980,110	Frequent	18	Medium
Drought	Damage Estimate Not Available	Frequent	12	Low

Notes:

1 Building damage ratio estimates were based on Federal Emergency Management Agency (FEMA) 386-2 (August 2001).

2 The valuation of general building stock and loss estimates was based on custom inventory for the municipality.

High = Total hazard priority risk ranking score of 31 and above

Medium = Total hazard priority risk ranking of 15-30

Low = Total hazard risk ranking below 15

3 Loss estimates for the severe storm and severe winter storm hazards are structural values only, and do not include the value of contents.

Loss estimates for the flood and earthquake hazards represent both structure and contents.

The Hazards United States – Multi-Hazards (HAZUS-MH) earthquake model results are reported by Census Tract.

### National Flood Insurance Program (NFIP) Summary

Table 9.15-4 below summarizes the NFIP statistics for the Town of Irondequoit.

**Table 9.15-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
Irondequoit (T)	72	11	\$28,451	1	0	35

Source: FEMA Region 2 2015

Notes:

(1) Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015. Total number of repetitive loss properties includes severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

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

(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.

Numbers of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

T Town

### Critical Facilities

Table 9.15-5 below presents HAZUS-MH estimates of damage and loss of use to critical facilities in the community as a result of 1- and 0.2-percent annual chance flood events.

**Table 9.15-5. Potential Flood Losses to Critical Facilities**

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
None identified.					

Source: Monroe County; HAZUS-MH 2.2; FEMA 2015

HAZUS-MH 2.2 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore, this will be an indication of the maximum downtime (HAZUS-MH 2.2 User Manual).

Some facilities may be within the Digital Flood Insurance Rate Map (DFIRM) flood hazard boundary; however, HAZUS did not calculate potential loss, perhaps because depth of flooding would not cause any damages to these structures according to the depth damage function used in HAZUS for that facility type. Further, HAZUS-MH may estimate potential damage to a facility outside the DFIRM if the model generates a depth grid beyond DFIRM boundaries.

### Other Vulnerabilities Identified

The municipality identified the following additional vulnerabilities within the community:

- Flooding along the Genesee River may be worsened by backwater effects of Lake Ontario (FIS).
- Blizzard conditions, microbursts, and stormwater/rain-induced flooding have increased over the past 5 years.

### 9.15.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- NFIP
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms.

### Planning and Regulatory Capability

Table 9.15-6 below summarizes regulatory tools available to the Town of Irondequoit.



Table 9.15-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				
Master Plan	Yes / 2014	Local	Department of Community Development (DCD)	Town of Irondequoit Comprehensive Master Plan, 2014
Capital Improvements Plan	Yes / 2015	Local	Department of Public Works (DPW)	-
Floodplain Management / Basin Plan	Yes / 2008	Local	DCD	Chapter 136
Stormwater Management Plan	Yes / 2007	Local	DPW	Chapter 196
Open Space Plan	Yes / 2015	Local	Conservation Board	Inventory of Town-owned land prepared by Conservation Board
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	Yes	All	DCD/DPW	
Economic Development Plan	Yes / 2014	Local	DCD	Part of Comprehensive Plan
Comprehensive Emergency Management Plan	Yes / 2010	Local	Irondequoit Police Department (IPD)	-
Emergency Response Plan	Yes / 2010	Local	Supervisor	-
Post-Disaster Recovery Plan	Yes / 2010	Local	DPW	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans	Yes	Local	DCD	Local Waterfront Revitalization Program (LWRP)
Other Plans	Yes	Local	Town of Irondequoit	Irondequoit Seneca Trail Feasibility Study, 2014
Other Plans	Yes	Local, County, State	New York State Department of State (NYS DOS); Monroe County; Towns of Irondequoit, Penfield, and Webster	Biological Study of Irondequoit Bay, 2002
<b>Regulatory Capability</b>				
Building Code	Yes	Local	-	Building Construction and Fire Prevention Chapter 98
Zoning Ordinance	Yes	Local	-	Zoning Chapter 235
Subdivision Ordinance	Yes / 2008	Local	DCD	Subdivision of Land Chapter 204



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
NFIP Flood Damage Prevention Ordinance	Yes	Local	-	Flood Damage Prevention Chapter 136
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local	-	State mandated Base Flood Elevation (BFE)+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	Yes	Local	-	Chapter 235, Article XV
Stormwater Management Ordinance	Yes / 2007	Local	DPW	Stormwater Management Chapter 196
Municipal Separate Storm Sewer System (MS4)	Yes	Local	DPW	-
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	-	NYS mandate, Property Condition Disclosure Act, <i>NY Code</i> – Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	Yes / 1986	Local	DCD	Chapter 235, Article XI; Freshwater Wetlands Chapter 142; Irondequoit Bay Harbor Management Chapter 149

### Administrative and Technical Capability

Table 9.15-7 below summarizes potential staff and personnel resources available to the Town of Irondequoit.

**Table 9.15-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	DCD
Mitigation Planning Committee	No	-
Environmental Board/Commission	Yes	DCD
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Maintenance Programs to Reduce Risk	No	-
Mutual Aid Agreements	No	-
<b>Technical/Staffing Capability</b>		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	DCD
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Town Engineer, DPW
Planners or engineers with an understanding of natural hazards	Yes	DPW, DCD, Town Engineer





Resources	Is this in place? (Yes or No)	Department/ Agency/Position
NFIP Floodplain Administrator (FPA)	Yes	DCD
Surveyor(s)	No	-
Personnel skilled or trained in Geographic Information System (GIS) and/or Hazards United States – Multi-Hazards (HAZUS-MH) applications	Yes	DPW, DCD
Scientist familiar with natural hazards	No	-
Emergency Manager	Yes	IPD
Grant writer(s)	Yes	DCD
Staff with expertise or training in benefit/cost analysis	Yes	DPW
Professionals trained in conducting damage assessments	Yes	DCD, DPW

### Fiscal Capability

Table 9.15-8 below summarizes financial resources available to the Town of Irondequoit.

**Table 9.15-8. 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
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	Yes
Withhold public expenditures in hazard-prone areas	No
Other federal or state funding programs	Yes
Open space acquisition funding programs	No
Other	Yes

### Community Classification

Table 9.15-9 below summarizes classifications of community programs available to the Town of Irondequoit.



Table 9.15-9. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	Yes	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	Unknown	-
Public Protection (Insurance Services Office [ISO] Fire Protection Classes 1 to 10)	Yes	Fire Departments, Rating Unknown	-
Storm Ready	Yes	StormReady County	-
Firewise	No	-	-
Disaster/safety programs in/for schools	Yes	School District-Administered	-
Organizations with mitigation focus (advocacy group, non-government)	No	-	-
Public education program/outreach (through website, social media)	Yes	-	-
Public-private partnerships	No	-	-

The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The Community Rating System (CRS) class applies to flood insurance, while the Building Code Effectiveness Grading Schedule (BCEGS) and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10, with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classification is higher if the subject property is more than 1000 feet from a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The International Organization for Standardization (ISO) Mitigation online Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/index.html>
- The National Firewise Communities website at <http://firewise.org/>

### Self-Assessment of Capability

Table 9.15-10 below provides an approximate measure of the Town of Irondequoit’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.





Table 9.15-10. Self-Assessment Capability for the Municipality

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)*	Moderate	High
Planning and Regulatory Capability			X
Administrative and Technical Capability			X
Fiscal Capability			X
Community Political Capability			X
Community Resiliency Capability			X
Capability to Integrate Mitigation into Municipal Processes and Activities.			X

### National Flood Insurance Program

#### NFIP Floodplain Administrator (FPA)

Director of Community Development

#### Flood Vulnerability Summary

The Town of Irondequoit does not maintain an inventory of properties that have undergone flood damage. Additionally, Town records do not indicate any damaged structures from Hurricanes Floyd, Irene, Sandy, or other severe storm events. The Town does not make substantial damage assessments, and it is not aware of any property owners interested in mitigation activities.

#### Resources

The FPA is the primary person assuming the responsibilities of floodplain administration; he is currently supported by other Department of Community Development (DCD) staff. Jeff McCann, Director of Community Development, provides NFIP administration services and functions to the greatest extent possible. Currently, no education or outreach is offered to the community specifically regarding flood hazards/risk or flood risk reduction through NFIP insurance or mitigation.

The FPA did not identify any barriers to running an effective floodplain management program in his community. At this time, he feels adequately supported and trained to fulfill his responsibilities as the municipal FPA. The FPA expressed interest in attending continuing education and/or certification training on floodplain management if offered in the County for all local FPAs.

#### Compliance History

As of June 30, 2015, 72 policies were in force, 35 of which were within the 1% flood boundary. One repetitive loss property and no severe repetitive loss properties are in the Town. Between 1978 and June 30, 2015, 11 claims were paid within the Town of Irondequoit, totaling \$28,451. According to the NFIP Policy Statistics report available at the time of this Plan, policies in the Town insured more than \$28 million of property with total annual insurance premiums of \$131,117.





According to the NFIP Community Status Book, the Town is in good standing with the NFIP. The FPA is unaware of any outstanding NFIP compliance issues in the community, and does not know when the most recent Community Assistance Visit (CAV) occurred.

### Regulatory

The Town's Flood Damage Prevention Ordinance (FDPO) was last reviewed and updated in July 2008, and appears in Chapter 136 of the local code. Floodplain management regulations and ordinances meet FEMA and New York State (NYS) minimum requirements, and do not exceed these requirements.

Other local ordinances, plans, and programs support floodplain management and meet NFIP requirements in the Town of Irondequoit, including planning and zoning board reviews of development applications to consider efforts to reduce flood risk.

### Community Rating System

The Town of Irondequoit does not participate in the Community Rating System (CRS) program at this time, but would consider doing so in the future.

### Other Capabilities Identified

Previous actions that are now ongoing programs and capabilities are described below. Refer to Table 9.15-11 presented later in this annex.

- The Town Department of Public Works (DPW) undertakes the following actions as part of its normal operations:
  - Stockpiles and maintains emergency supplies, specifically the emergency response vehicle and trailer
  - With support from Monroe County, host a semi-annual household hazardous waste collection
  - Continues efforts to maintain various roadways, the storm sewer system, and the sanitary sewer system
  - Enforces building codes for existing and new infrastructure
  - Implements and maintains an annual waterway/drainage maintenance program
  - As funding is available, implements municipal mitigation measures identified by U.S. Geological Survey (USGS) modeling and proposed by the County Stormwater Coalition. These projects are typically capital improvements.
- The DCD undertakes the following actions as part of its normal operations.
  - Regularly reviews local laws; updates or enacts and enforces local laws and ordinances to ensure overall Town safety
  - Complies with all applicable federal and state regulations
  - Encourages property owners in the floodplain to purchase flood insurance.
- Local Fire Districts and Irondequoit Ambulance undertake the following actions as part of normal operations:
  - Provide emergency medical services to the community
  - Develop and schedule annual education campaigns for fire prevention at community functions, schools, and public facilities
  - Encourage residential use of smoke detectors through public education and “giveaway” programs
  - Provide or participate in special operations and tactical rescue training, including water rescue training.



## Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of the community's progress in plan integration. A summary appears below. In addition, the community identified specific integration activities to be incorporated into municipal procedures.

### Planning

**Land Use Planning:** The Town of Irondequoit has a Community Development Division in the Town's Planning and Zoning Department that reviews all applications for development and considers natural hazard risk areas in its review. Many development activities require additional levels of environmental review, specifically NYS State Environment Quality Review (SEQR) and Federal National Environmental Protection Act (NEPA) requirements. The Town is also home to a Zoning Board of Appeals, Planning Board, Preservation Committee, and Conservation Board.

**Town of Irondequoit Comprehensive Master Plan, 2014:** The Town of Irondequoit developed its Comprehensive Master Plan in 2014 to identify pertinent local issues, including neighborhoods, parks and recreation, future land use, and community design. The plan includes identification of natural hazard risk areas and environmentally sensitive areas (e.g., wetlands, local waterfront, and steep slopes), as well as land use and zoning recommendations for managing risks and directing growth. Some recommendations included are as follows:

1. Maintain a healthy balance of residential, commercial, and open space areas throughout the Town.
2. Promote sustainable development patterns and practices that will achieve the community's goals for walkability, environmental stewardship, and economic vitality.
3. Adopt a tree ordinance and train DPW staff on tree maintenance.
4. Preserve significant open spaces within the Town and park land for aesthetic and environmental reasons.

This plan was also updated in conjunction with the Town's Local Waterfront Revitalization Program (LWRP) revision to ensure consistency in land use goals.

**Irondequoit Seneca Trail Feasibility Study, 2014:** The Town of Irondequoit used this feasibility study to assess benefits of developing a 3.6-mile, multi-use trail along the eastern side of the Genesee River, from St. Paul Boulevard through Seneca Park to the O'Rorke Bridge. The trail would link the existing El Camino Trail with the existing Irondequoit Lakeside Multi-Use Trail and proposed Genesee River Promenade Boardwalk. The study considered hazard impacts and factors that would impact the trail, such as steep slopes, flooding, wetlands, invasive species, and soil erosion. The project would offer a way to maintain open space and natural functions of an area while still allowing recreational activities.

**Biological Study of Irondequoit Bay, 2002:** The New York State Department of State (NYS DOS), the County of Monroe, the Town of Irondequoit, the Town of Penfield, and the Town of Webster were all identified as beneficiaries of this plan, which focuses on scientific data to support recommendations for land and water use in the Irondequoit Bay Harbor Management Plan. The study also serves as a benchmark for future studies on development and natural resource management in the local area. The study was deemed necessary because Irondequoit Bay and its environs constitute a major ecological resource in the region.

### Regulatory and Enforcement

**Building Construction and Fire Prevention Chapter 98:** Building codes are strictly enforced to prepare new and renovated buildings as well as possible for hazard-related incidents. The Town complies with New York



State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code).

**Flood Damage Prevention Chapter 136:** This chapter promotes public health, safety, and general welfare of residents, and seeks to minimize public and private losses due to flood conditions and erosion. The chapter regulates development to promote flood-resistant structures, and controls alteration of floodplains to prevent increased vulnerability.

**Freshwater Wetlands Chapter 142:** This chapter establishes the Town's authority over any activities related to wetlands. It specifies that freshwater wetlands are an invaluable resource for flood protection, wildlife habitat, open space, water resources, recreation, and more, and it seeks to preserve and protect local freshwater wetlands.

**Irondequoit Bay Harbor Management Chapter 149:** The Town of Irondequoit utilizes public and private waterfront for a variety of activities; however, it has established certain standards and regulations to ensure environmental protection of sensitive natural areas and resources, protection of water quality, preservation of a healthy aquatic ecosystem, and other public safety-oriented focuses.

**Stormwater Management Chapter 196:** The Town's stormwater management chapter seeks to mediate adverse impacts of stormwater runoff caused by existing drainage systems. It also serves to minimize/control degradation of water quality in the Town.

**Subdivision of Land Chapter 204:** The Town's Planning Board is tasked with site plan/subdivision review. Design standards consider storm drainage, water mains, transportation infrastructure, sanitary sewers, and other infrastructure that can exacerbate or (conversely) mitigate hazard impacts.

**Zoning Chapter 235:** The Town of Irondequoit's zoning code includes districts and standards pertaining to mitigation of hazards. Districts included are the waterfront development district, environmental protection overlay districts (wetlands, steep slopes, woodlots, floodplains, watercourses, and coastal erosion areas), and open space districts.

### Fiscal

---

**Operating Budget:** The Town's operating budget includes minimal provisions for expected repairs like snow removal and infrastructure repair after a storm or natural disaster. It also includes funding for hazard mitigation via consolidated sanitary sewer district operations, stormwater drainage district operations, and more.

**Community Development Block Grant (CDBG) Funds:** Among other federal and state funding sources, the Town uses CDBG funds for capital projects and other necessary improvements where applicable. In 2014, the Town of Irondequoit's Action Plan focused on housing rehabilitation and services to seniors. Specific projects that also benefited emergency preparedness and disaster mitigation included a senior transportation program and street resurfacing.

### Education and Outreach

---

As able and to meet all professional requirements, Town of Irondequoit staff attend trainings and classes sponsored by Monroe County Department of Planning and Development, Monroe County Office of Emergency Management, or by state and federal agencies. Town emergency responders also have the option to attend courses at the Monroe County Public Safety Training Facility.

The Environmental Science Services Administration Weather Bureau Station in Rochester has provided flood forecasting to the Town of Irondequoit, thus helping to prevent damage from flooding within the community.



The Town of Irondequoit also has a user-friendly, detailed website for resident use. Although the website currently does not convey hazard information, the Town could easily incorporate this education into the current design of the website.

### **9.15.6 Mitigation Strategy and Prioritization**

---

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

#### **Past Mitigation Initiative Status**

---

Table 9.15-11 below indicates progress on the community’s mitigation strategy identified in the 2011 Plan. Previous actions that are now ongoing programs and capabilities are indicated as such in Table 9.15-11, and may also appear under “Capability Assessment” presented previously in this annex. Actions carried forward as part of this Plan update are included and prioritized in the following subsection (in Table 9-15-12).



Table 9.15-11. Past Mitigation Initiative Status

2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
ES-3: Establish an active Recruitment and Retention (of providers) Program.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
ES-4: Stockpile emergency supplies.	DPW	Complete	100%. DPW has a confined space emergency response vehicle loaded for an emergency situation. We also have a trailer established with barricades if there is a police situation.	Include	Integrated into normal operations
ES-5: Solicit “Mutual Aid” agreements.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
ES-6: Engage emergency service jurisdictions in local municipal government processes.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
NRP-1: Ensure proper disposal of Hazardous Waste.	DPW/Monroe County	Complete	100%. The Town hosts a household hazardous waste collection once every other year.	Include	Integrated into normal operations
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
NRP-3: Provide comprehensive inspection services. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
NRP-5: Maintain “Urban Forests.”	DPW	In Progress	15%. Town is undertaking an inventory prioritizing the maintenance of street trees. Funding is through the Town. Replanting efforts through grant funding from USFS	Include	Carry over into 2017 HMP. Reword action to show appropriate status.  Continue maintenance efforts.
PEA-3: Review Utility Service & restoration plans.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
PEA-4: Identify and utilize a “Speakers Bureau.”	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
PP-1: Identify “special hazard” areas.	DPW	In Progress	German Village Slope Stabilization Project 25% completed. Funding and personnel time are the mitigating factors. Some funding for this project has come through the Capital Improvement Project monies.	Include	Carry over into 2017 HMP. Reword action to show appropriate status.  Finalize stabilization of slope to ensure stability.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	DPW	In Progress	Continuing efforts to maintain various roadways, storm sewer system, and sanitary sewer system.	Include	Integrated into normal operations
PP-3: Solicit inter-municipal and interagency cooperation.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinued	Not applicable to Town.





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
PP-5: Property acquisition	N/A	No Progress	N/A	Discontinued	Not applicable to Town.
PR-1: Enforce Building Code as required for existing and new infrastructure.	DCD	Complete	Ongoing	Discontinue	Integrated into normal operations
PR-2: Comply with applicable federal and state regulations.	DCD	Complete	Ongoing	Discontinue	Integrated into normal operations
PR-5: Regular review of Local Laws	DCD	Ongoing	Ongoing	Discontinue	Integrated into normal operations
SP-1: Disaster “proof” public facilities. This may pertain to existing and/or new infrastructure.	DPW	In progress	Generators within Town facilities. Town Hall, Highway, Police all have generators. Need to purchase for Library and Senior Center.	Include in 2017 HMP	Update language to show current needs for library and senior center.
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-3: “Target Harden” facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
SP-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Dam-PEA-1: Churchville Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Dam-PEA-2: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.







2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	N/A Completed by Monroe County Health Department	Discontinue	Not applicable to Town.
Fire-ES-1: Local Project. The Henrietta Fire District is developing a Special Operations Unit for Confined Space Rescue, Low and High-Angle Rescue, Water Rescue, and Trench Rescue.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fire-ES-2: Local Project. Continue to provide Emergency Medical Services to the community. The Churchville Volunteer Fire Department is the first responder agency to all medical emergencies in our community.	Local Fire Districts; Irondequoit Ambulance	In Progress	Ongoing	Discontinue	Integrated into normal operations
Fire-PEA-1: Local Project. Henrietta Fire District develops and schedules an annual campaign for Fire Prevention using its mobile Fire Safety Trailer and a portable interactive kiosk at schools, community functions, and public facilities.	Local Fire Districts; Irondequoit Ambulance	In Progress	Ongoing	Discontinue	Integrated into normal operations
Fire-PEA-2: Local Project. Churchville Volunteer Fire Department develops and schedules an annual campaign for Fire Prevention at schools, community functions, and public facilities using its interactive displays.	Local Fire Districts; Irondequoit Ambulance	In Progress	Ongoing	Discontinue	Integrated into normal operations
Fire-PP-1: Encourage residential use of smoke detectors through public education, and “give away” programs. This may pertain to existing and/or new infrastructure.	Local Fire Districts; Irondequoit Ambulance	In Progress	Grant	Discontinue	Integrated into normal operations



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Fire-SP-1: Local Project. Plan, design and develop enhanced, local facilities for on-site specialized emergency training.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	Local Fire Districts; Irondequoit Ambulance	In Progress	Ongoing	Discontinue	Integrated into normal operations
FI-ES-4: Churchville Project. Enhance Fire Department Personnel Emergency Notification	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-ES-5: Churchville Project. Provide water rescue training and equipment e.g. Wet Suits and associated equipment.	Local Fire Districts; Irondequoit Ambulance	In Progress	Ongoing	Discontinue	Integrated into normal operations
FI-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PEA-3: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	DCD	In Progress	Ongoing	Discontinue	Integrated into normal operations
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	DCD	No Progress	N/A	Discontinue	Not applicable to Town.
FI-PP-4: Local Project. Town of Gates “Multi-Lot Letter of Map Amendment” for more than 100 homes that were mislabeled as residing in flood zones on FEMA maps	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





<p><b>2011 Mitigation Action</b></p>	<p><b>Responsible Party</b></p>	<p><b>Status (In progress, No progress, Complete)</b></p>	<p><b>Describe Status</b>            1. Please describe what was accomplished and indicate % complete.            2. If there was no progress, indicate what obstacles/delays encountered?            3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?</p>	<p><b>Next Step (Include in 2017 HMP or Discontinue)</b></p>	<p><b>Describe Next Step</b>            1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate).            2. If discontinue, explain why.</p>
<p>(Democrat &amp; Chronicle, 1.22.10).</p>					
<p>FI-PP-5: Local Projects with the U.S. Army Corps of Engineers, “Risk Management Program.” Levy inspection, safety analysis and maintenance requirements (SEMO Region V meeting, 7.29.08).</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Town.</p>
<p>FI-PR-1: Implement an annual, “Waterway/Drainage Maintenance” Program</p>	<p>DPW</p>	<p>In progress</p>	<p>DPW sends crews out throughout the year to unclog culverts. These crews are dispatched after every rain event.</p>	<p>Discontinue</p>	<p>Integrated into normal operations</p>
<p>FI-PR-5: Local Project. Implement an annual de-silting program in the Town of Henrietta, to increase the storage capacity for storm water detention and retention ponds. This may pertain to existing and/or new infrastructure.</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Town.</p>
<p>FI-PR-6: Local Project. Town of Greece drainage study on Fleming and Veness creeks between Latta Road, Windsor Blvd., Denise Road and Dewey Ave. (Democrat &amp; Chronicle, 1.3.10).</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Town.</p>
<p>FI-SP-1: Local Project. Implement mitigation measures for Irondequoit Creek, as identified by the U.S. Army Corps of Engineer’s 2003 proposal, and as agreed by local parties. (reference – Democrat &amp; Chronicle, 3-2-03). This may pertain to existing and/or new infrastructure.</p>	<p>N/A</p>	<p>No Progress</p>	<p>N/A</p>	<p>Discontinue</p>	<p>Not applicable to Town.</p>
<p>FI-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing and/or</p>	<p>DPW</p>	<p>In progress</p>	<p>As funding allows, this measures are completed through Capital Improvement Program (CIP) projects and grant funding.</p>	<p>Discontinue</p>	<p>Integrated into normal operations</p>





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
new infrastructure.					
Fl-SP-5: Local Project. Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fl-SP-6: Local Project. Town of Parma bridge replacement on Hill Road (Town ROW), over Salmon Creek to raise the bridge approaches from the floodplain, to increase the freeboard elevation, to decrease backwater, and to meet 50-year storm construction standards. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Fl-SP-7: Local Project. Town of Henrietta replace road culverts to improve flow and reduce flooding potential on Parkmeadow Drive, Tomahawk Trail and Colleen Way. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	DPW	In progress	Infancy. Discussion of updates to Town Code to enforce snow removal operations from the Right Of Way.	Include in the 2017 HMP	Carry over into 2016 Plan.
Ice-ES-2: Regularly review restoration priorities	DPW	Ongoing.	DPW consistently reviews the plowing operations and sidewalk plowing operations to ensure pedestrian and vehicular motorist traffic.	Discontinue	Integrated into normal operations
Ice-ES-3: Enhance utility “Town Liaison” Program	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-NRP-1: Churchville Project. Replace trees (forestation) in Village of Churchville that were destroyed by various storm events.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PEA-6: Expand information available on websites	DPW	In progress	0%. Town seeks to place more information online	Include	Include in 2017 HMP. Update wording as appropriate.
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-1: Implement an "Annual, Tree/Stream Maintenance Program"	DPW	Complete	100%. Town does this after major storm events.	Discontinue	Integrated into normal operations
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-2A: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-PR-2B: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	DPW	In Progress	25%. Some discussions have taken place for emergency storage of woody debris in case of a significant event.	Include in the 2017 HMP	Carry over into 2017 HMP.
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing and/or new infrastructure.	DPW	In Progress	50%. DPW, Town Hall, and Public Safety all have generators. Parks, Pinegrove and Library do not.	Include in the 2017 HMP	Carried over and combined with above action.
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, "Call Before You Dig."	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Land-PR-1: Local Project. Enact Local Laws: to restrict development on steep slopes; to require property owners and/or mine operators to rehabilitate open mines at closing. This may pertain to existing and/or new infrastructure.	DCD	Complete	Environmental Protection Overlay District (EPOD) for steep slopes, woodlots, watercourses, wetlands, etc.	Discontinue	Integrated into normal operations
SC-PR-1: Local Project. Enact Local Laws that require property owners to demolish and remove unsafe structures from their property(ies). This may pertain to existing and/or new infrastructure.	DCD	Complete	Chapter 104 of Town Code has been amended to enhance enforcement of troubled properties.	Discontinue	Integrated into normal operations
Terr-PP-1: Implement a strategy to "target harden" critical and public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Terr-PR-3: Schools Project. Comply with Project Save regulations for plan review and revision cycles.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Trans-ES-1: Local Project. The Town of Henrietta’s Highway “Snow & Ice Control” Program is testing treated road salt for benefits associated with its application to enhance the capacity of normal road salt.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply from the national power grid during major failures, e.g. August 14, 2003. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
WSC-PR-1: Provide redundant back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.







### **Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy**

The Town of Irondequoit has identified no mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2011 Plan.

### **Proposed Hazard Mitigation Initiatives for the Plan Update**

FEMA Region II led a meeting of all Monroe County municipalities in November 2015 to discuss the purpose, goals, and long-term benefits of identifying mitigation actions to include in the updated HMP. FEMA provided handouts on creating a functionally diverse jurisdictional planning team, guidance for identifying integration actions, and guidelines for completing an action worksheet for jurisdictions to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards.

Additionally, Monroe County hosted two Annex Workshops in December 2015 to assist municipalities in completing their jurisdictional annexes, including identifying mitigation projects and developing Action Worksheets. All jurisdictions were provided with a set of sample mitigation actions that satisfied County goals of addressing all hazards and representing all six CRS categories, along with a refresher instruction sheet on how to complete an action worksheet, and an example of a completed action worksheet.

In January 2016, Monroe County jurisdictions were provided results of the municipal risk assessment to further assist with development of their mitigation strategies. Throughout the planning process, jurisdictions had access to mitigation planners who were available to assist with development of the jurisdictional annexes, including the mitigation strategy and action worksheets, as necessary.

Table 9.15-12 summarizes the comprehensive range of specific mitigation initiatives the Town of Irondequoit would like to pursue in the future to reduce effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. Implementation of these initiatives will depend on available funding (grants and local match availability), and some initiatives may be modified or omitted at any time based on occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in Table 9.15-12 below to further demonstrate the wide range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete 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 in prioritizing actions as High, Medium, or Low. Table 9.15-12 below summarizes evaluation of each mitigation initiative, listed by Action Number.

Table 9.15-13 summarizes prioritization of all proposed mitigation initiatives for the Plan update.





Table 19.15-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CFS Category
TIR-1	Automate the swing bridge at the mouth of Irondequoit Bay with Lake Ontario, or install a new bridge, to decrease the annual opening and closing cycle time, and any shifting required by an emergency. Town of Irondequoit will be the lead in a study to explore automating or replacing the bridge.	Existing	All Hazards	2, 3, 5	Town of Irondequoit, State, County	High	High	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Long-Term	Medium	SIP, LPR	PP, PR, ES
TIR-2	Complete the Urban Forest tree inventory (currently at 15 percent completion), and implement appropriation prioritization of tree maintenance.	Existing	Severe storm, severe winter storm	1, 5	Town DPW	Medium	Low	Staff Time, County/Local Budget	Short-Term	High	NSP	NR
TIR-3	Complete the German Village Slope Stabilization Project (currently at 25 percent completion).	Existing	Landslide, flood	1, 2, 5	Town DPW	Medium	Medium	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	High	SIP	PR
TIR-4	Acquire and install a generator at the Town Library.	Existing	All	2, 3	Town DPW	Medium	Medium	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	Medium	SIP	ES
TIR-5	Acquire and install a generator at the Town Senior Center.	Existing	All	2, 3	Town DPW	High	Medium	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	High	SIP	ES
TIR-6	Acquire and install generators at the Town Parks.	Existing	All	2, 3	Town DPW	Medium	Medium	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	Medium	SIP	ES
TIR-7	Continue discussions and develop plans for debris clearance and storage of woody debris from hazard events.	N/A	Severe storms, flood	1, 2	Town DPW	Medium	Low	Staff Time, Local Budget	Short Term	High	LPR	PR, ES
TIR-8	Update Town Code to enforce snow removal operations from right-of-way. Consider other debris removal changes to reduce right-of-way debris	N/A	Severe Storms, Flood	1, 2	Town DPW	Medium	Low	Staff Time, Local Budget	Short Term	High	LPR	PR, ES





Table 19.15-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
TIR-9	Expand disaster management information and preparedness information on Town website. Continue to enhance education and outreach to residents to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	N/A	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure	1, 3, 4	Town DPW, DCD	High	Low	Operating budget	OG	High	EAP	PI

Notes:

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

\*Does this mitigation initiative reduce effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- N/A Not applicable
- NFIP National Flood Insurance Program
- NYS DHSES New York State Division of Homeland Security and Emergency Services
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- PDM Pre-Disaster Mitigation Grant Program
- RFC Repetitive Flood Claims Grant Program (discontinued)
- SRL Severe Repetitive Loss Grant Program (discontinued)

Timeline:

- Short 1 to 5 years
- Long Term 5 years or greater
- OG On-going program
- DOF Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

- Low < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

- Low < \$10,000
- Medium \$10,000 to \$100,000





Costs:

Where actual project costs cannot reasonably be established at this time:

- Low Possible to fund under existing budget. Project is part of, or can be part of, an existing ongoing program.
- Medium Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or cost of the project would have to be spread over multiple years.
- High Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover costs of the proposed project.

Benefits:

High > \$100,000

Where numerical project benefits cannot reasonably be established at this time:

- Low Long-term benefits of the project are difficult to quantify in the short term.
- Medium Project will have a long-term impact on reduction of risk exposure to life and property, or project will provide an immediate reduction in risk exposure to property.
- High Project will have an immediate impact on reduction of risk exposure to life and property.

Mitigation Category:

- Local Plans and Regulations (LPR) – Actions that include government authorities, policies, or codes that influence the way land and buildings are developed and built.
- Structure and Infrastructure Project (SIP) – Actions that 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 impacts of hazards.
- Natural Systems Protection (NSP) – Actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – 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 stormwater management regulations.
- Property Protection (PP) – 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 construction of structures to reduce impacts 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 protection of essential facilities.





Table 9.15-13. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	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
TIR-1	Automate the swing bridge at the mouth of Irondequoit Bay with Lake Ontario, or install a new bridge, to decrease the annual opening and closing cycle time, and any shifting required by an emergency. Town of Irondequoit will be the lead in a study to explore automating or replacing the bridge.	1	1	1	-1	1	1	-1	0	1	1	1	0	1	0	7	Medium
TIR-2	Complete the Urban Forest tree inventory (currently at 15 percent completion), and implement appropriation prioritization of tree maintenance.	0	1	1	0	1	1	1	1	1	0	1	1	0	0	9	High
TIR-3	Complete the German Village Slope Stabilization Project (currently at 25 percent completion).	1	1	1	1	1	1	-1	1	1	1	1	1	0	0	10	High
TIR-4	Acquire and install a generator at the Town Library.	1	1	1	0	1	1	-1	0	1	1	1	1	0	0	8	Medium
TIR-5	Acquire and install a generator at the Town Senior Center.	1	1	1	0	1	1	-1	0	1	1	1	1	0	1	9	High
TIR-6	Acquire and install generators at the Town Parks.	1	1	1	0	1	1	-1	0	1	1	1	1	0	0	8	Medium
TIR-7	Continue discussions and develop plans for debris clearance and storage of woody debris from hazard events.	1	1	1	1	1	1	1	1	1	-1	1	1	0	0	10	High
TIR-8	Update Town Code to enforce snow removal operations from right-of-way. Consider other debris removal changes to reduce right-of-way debris clearance.	1	1	1	1	1	1	1	0	1	-1	1	1	0	1	10	High





Table 9.15-13. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	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
TIR-9	Expand disaster management information and preparedness information on Town website. Continue to enhance education and outreach to residents to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	1	1	1	1	1	1	1	0	1	-1	1	1	1	1	11	High

Note: Refer to Section 6, which includes guidance on conducting prioritization of mitigation actions.



### **9.15.7 Future Needs To Better Understand Risk/Vulnerability**

---

None at this time.

### **9.15.8 Hazard Area Extent and Location**

---

Hazard area extent and location maps have been generated for the Town of Irondequoit that illustrate areas probably to be impacted within the municipality (see Figures 9.15-1 and 9.15-2 below). These maps are based on the best available data at the time of preparation of this Plan, and are considered adequate for planning purposes. Maps have been generated only for those hazards (i.e., landslide, wildfire, and flooding) that can be clearly identified via application of mapping techniques and technologies, and to which the Town of Irondequoit has significant exposure. These maps also appear in the hazard profiles within Section 5.4, Volume I of this Plan.

### **9.15.9 Additional Comments**

---

None at this time.





Figure 9.15-1. Town of Irondequoit Landslide and Wildfire Hazard Area Extent and Location Map

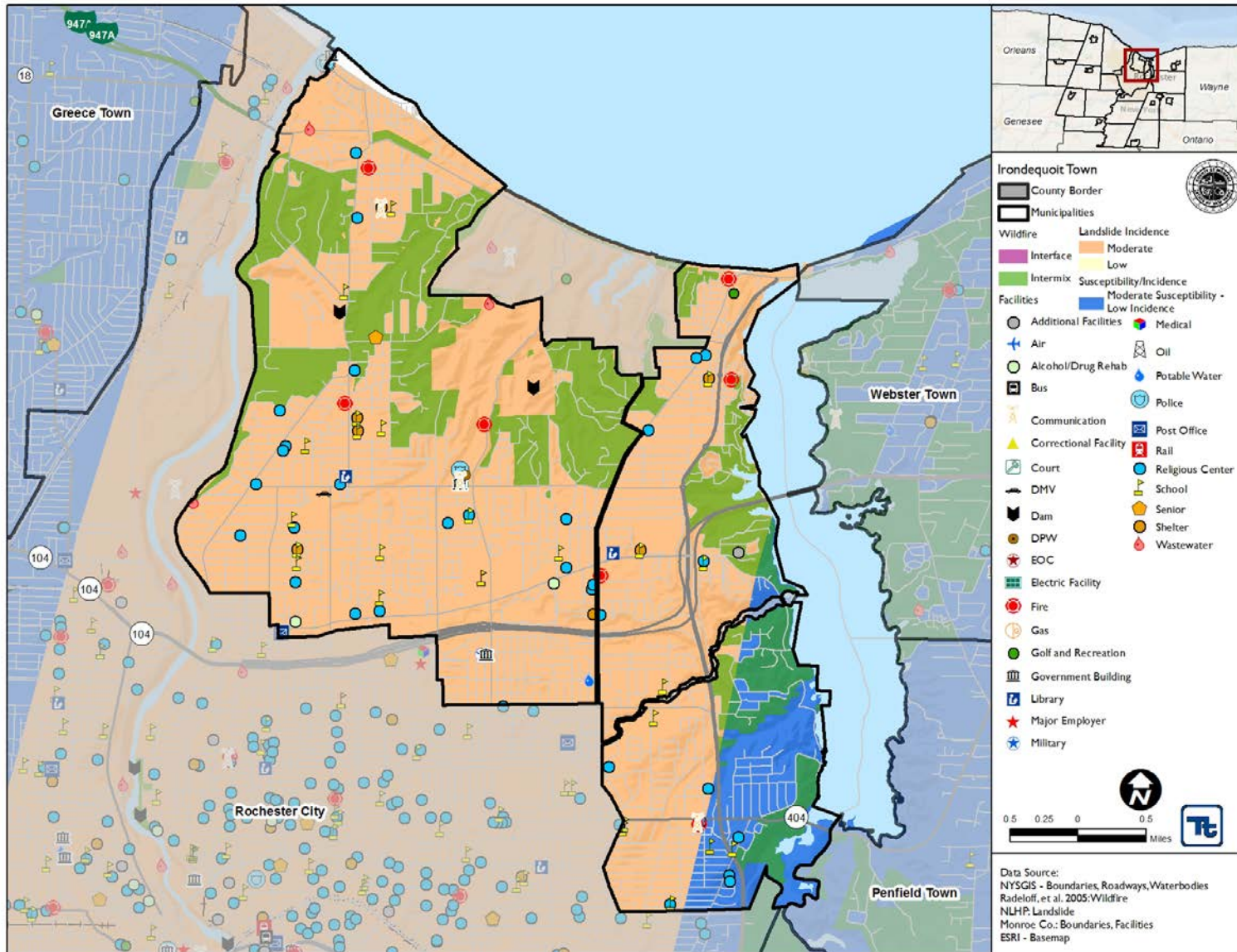
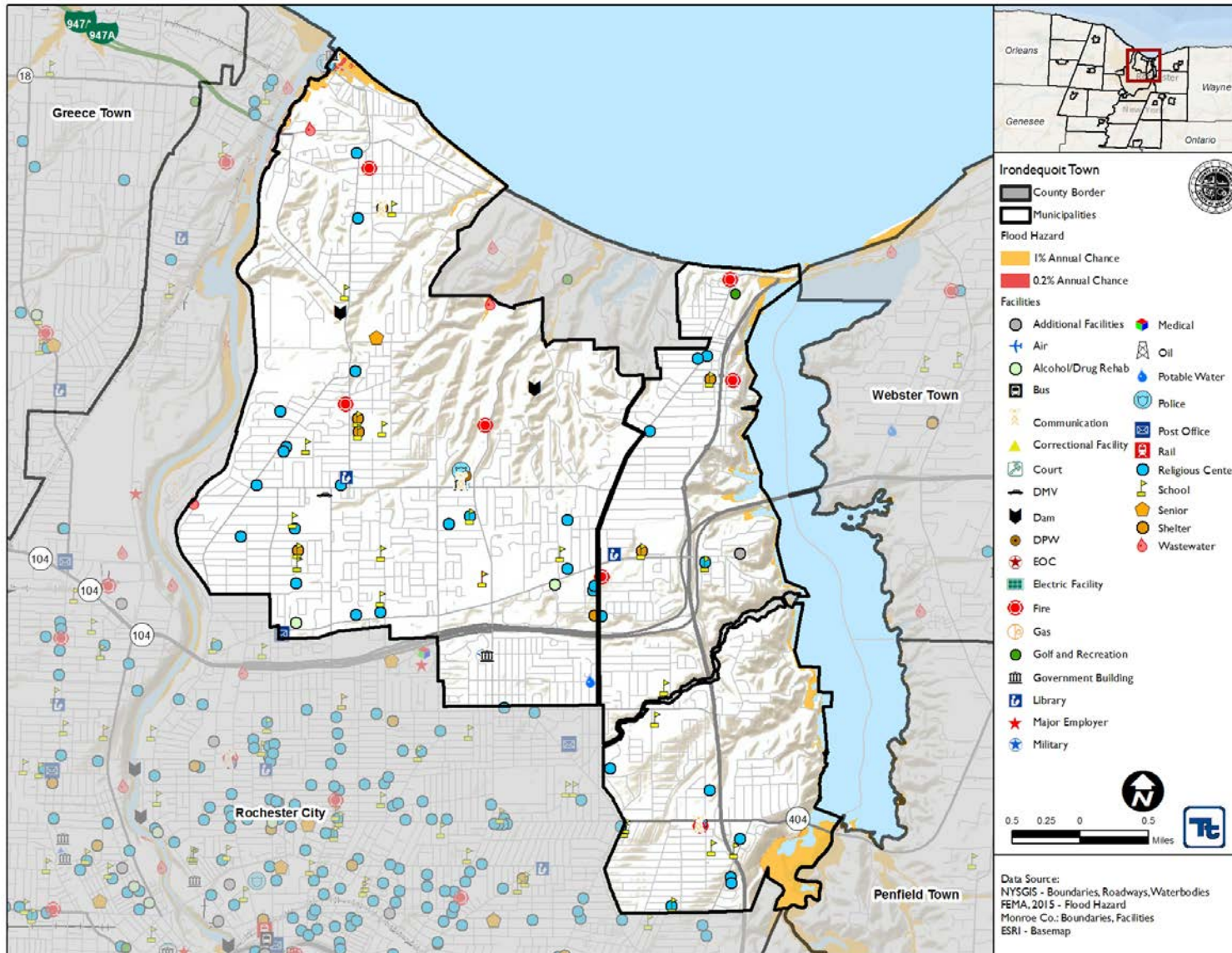




Figure 9.15-2. Town of Irondequoit Hazard Area 1% and 0.2% Floodplain Map







Action Number:

TIR-1

Mitigation Action Name:

Automate the swing bridge at the mouth of Irondequoit Bay with Lake Ontario, or install a new bridge.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All hazards
<b>Specific problem being mitigated:</b>	The opening and closing cycle for the swing bridge is slow enough to create concerns regarding operation during emergency events.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing – vulnerability continues or worsens</li> <li>2. Conduct study to automate or replace swing bridge – Selected action, most cost-efficient</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Automate the swing bridge at the mouth of Irondequoit Bay with Lake Ontario, or install a new bridge, to decrease the annual opening and closing cycle time, and any shifting required by an emergency. Town of Irondequoit will be the lead in a study to explore automating or replacing the bridge.
<b>Mitigation Action Type</b>	SIP (for automation or replacement), LPR (for study)
<b>Goals Met</b>	2, 3, 5
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High (Property and Life Protection)
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town of Irondequoit State, County, Neighboring Jurisdictions
<b>Local Planning Mechanism</b>	-
<b>Potential Funding Sources</b>	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
<b>Timeline for Completion</b>	Long-Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:**

TIR-1

**Mitigation Action Name:**

Automate the swing bridge at the mouth of Irondequoit Bay with Lake Ontario, or install a new bridge.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduce potential for subsequent flooding or accidents.
Property Protection	1	Reduce potential for subsequent flooding and property damage.
Cost-Effectiveness	1	Study will determine whether automation or replacement is most cost-efficient.
Technical	-1	Requires technical expertise and modeling.
Political	1	
Legal	1	
Fiscal	-1	Requires outside funding.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All Hazards
Timeline	0	Long-term
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	7	
<b>Priority (High, Med., Low)</b>	Medium	



**Action Number:** TIR-3  
**Mitigation Action Name:** Complete the German Village Slope Stabilization Project.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Landslide, Flood
<b>Specific problem being mitigated:</b>	Slopes near German Village
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing – vulnerability continues or worsens</li> <li>2. Slope stabilization – selected action</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Complete the German Village Slope Stabilization Project (currently at 25 percent completion).
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	1, 2, 5
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Town DPW
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
<b>Timeline for Completion</b>	Short
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project: 25% Complete



**Action Number:** TIR-3

**Mitigation Action Name:** Complete the German Village Slope Stabilization Project.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Less risk to traffic and of other accidents from landslide.
Property Protection	1	Decrease risk of property/residential damage from landslides.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Requires outside funding.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Landslide, Flood
Timeline	1	Short-term
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	10	
<b>Priority (High, Med., Low)</b>	High	



Action Number:

TIR-4

Mitigation Action Name:

Town Library Generator

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All Hazards
<b>Specific problem being mitigated:</b>	Town Library currently does not have redundant power supply.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing – vulnerability continues or worsens.</li> <li>2. Install a generator – selected action.</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Acquire and install a generator at the Town Library.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2, 3
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town DPW
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
<b>Timeline for Completion</b>	Short-Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:** TIR-4  
**Mitigation Action Name:** Town Library Generator

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduces risk of injury from poor visibility, lack of heating, venting, and air conditioning (HVAC), etc. Offers additional shelter option.
Property Protection	1	Protects Town Library.
Cost-Effectiveness	1	
Technical	0	
Political	1	
Legal	1	
Fiscal	-1	Requires outside funding.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All Hazards
Timeline	1	Short-term
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	8	
<b>Priority (High, Med., Low)</b>	Medium	



Action Number:

TIR-5

Mitigation Action Name:

Town Senior Center Generator

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All Hazards
<b>Specific problem being mitigated:</b>	Town Senior Center at Pinegrove currently does not have redundant power supply.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing – vulnerability continues or worsens.</li> <li>2. Install a generator – selected action.</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Acquire and install a generator at the Town Pinegrove Senior Center.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2, 3
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High (More vulnerable population in Senior Center)
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Town DPW
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
<b>Timeline for Completion</b>	Short-Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:** TIR-5  
**Mitigation Action Name:** Town Senior Center Generator

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
<b>Life Safety</b>	1	Reduces risk of injury from poor visibility, lack of HVAC, etc. Offers additional shelter option.
<b>Property Protection</b>	1	Protects Town Senior Center.
<b>Cost-Effectiveness</b>	1	Other critical facilities in Town already have redundant power supply.
<b>Technical</b>	0	
<b>Political</b>	1	
<b>Legal</b>	1	
<b>Fiscal</b>	-1	Requires outside funding.
<b>Environmental</b>	0	
<b>Social</b>	1	
<b>Administrative</b>	1	
<b>Multi-Hazard</b>	1	All Hazards
<b>Timeline</b>	1	Short-term
<b>Agency Champion</b>	0	
<b>Other Community Objectives</b>	1	Protects vulnerable population.
<b>Total</b>	9	
<b>Priority (High, Med., Low)</b>	High	





Action Number:

TIR-6

Mitigation Action Name:

Town Parks Generators

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All Hazards
<b>Specific problem being mitigated:</b>	Town parks currently do not have redundant power supply.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing – vulnerability continues or worsens.</li> <li>2. Install a generator(s) – selected action.</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Acquire and install a generator at Town parks.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2, 3
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town DPW
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
<b>Timeline for Completion</b>	Short-Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:** TIR-6

---

**Mitigation Action Name:** Town Parks Generators

---

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
<b>Life Safety</b>	1	Reduces risk of injury from poor visibility, lack of HVAC, etc.
<b>Property Protection</b>	1	Protects Town parks.
<b>Cost-Effectiveness</b>	1	
<b>Technical</b>	0	
<b>Political</b>	1	
<b>Legal</b>	1	
<b>Fiscal</b>	-1	Requires outside funding.
<b>Environmental</b>	0	
<b>Social</b>	1	
<b>Administrative</b>	1	
<b>Multi-Hazard</b>	1	All Hazards
<b>Timeline</b>	1	Short-term
<b>Agency Champion</b>	0	
<b>Other Community Objectives</b>	0	
<b>Total</b>	8	
<b>Priority (High, Med., Low)</b>	Medium	