



## 9.27 VILLAGE OF SPENCERPORT

This section presents the jurisdictional annex for the Village of Spencerport.

### 9.27.1 Hazard Mitigation Plan Point of Contact

These individuals are the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Jacqueline Sullivan, Village Clerk 27 West Avenue, Spencerport, NY 14559 585-352-4771 <a href="mailto:jsullivan@vil.spencerport.ny.us">jsullivan@vil.spencerport.ny.us</a>	Tom West, DPW Superintendent 27 West Avenue, Spencerport, NY 14559 585-303-3091 <a href="mailto:twest@vil.spencerport.ny.us">twest@vil.spencerport.ny.us</a>

### 9.27.2 Municipal Profile

The Village of Spencerport is in the western part of the county, and is entirely encircled by the Town of Ogden. Although the Village does not border the Town of Parma (to the north), it is close enough to its boundaries to provide a trade area in its business district and to serve as the school for southern Parma. The Village comprises 1.34 square miles in land area and 0.03 square mile in water area.

According to the 2010 U.S. Census, the Village of Spencerport has a population of 3,601. The Village is one of the incorporated villages that developed along the Erie Canal. It contains residential areas and has a notable architectural and historic heritage. It does not have a large industrial area, but the Village does have a noteworthy business district. The only major waterway in the Village is the Erie Canal. Few areas in the municipality have slopes exceeding 10 percent steepness, reducing landslide vulnerability.

### Growth/Development Trends

Table 9.27-1 summarizes residential/commercial development from 2010 to the present and any known or anticipated major residential/commercial development and major infrastructure development identified for the next 5 years. Figure 9.27-1 illustrates landslide and wildfire hazard areas and Figure 9.27-2 illustrates flood hazard areas.

**Table 9.27-1. Growth and Development**

Property or Development Name	Type (e.g., Res., Comm.)	# of Units / Structures	Location (address or Parcel ID)	Known Hazard Zones	Description/Status of Development
<b>Recent Development from 2010 to present</b>					
Canal Gate	Residential	50	Evergreen Street	No	Under construction
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
Village Pines Section 3	Residential	82	Coventry Drive	Wetlands	Planning Stages

\* Only location-specific hazard zones or vulnerabilities identified.

### 9.27.3 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 is in each of the hazard profiles and includes a chronology of events that affected the County and its municipalities. For this plan update, to the extent possible, all events that





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 in Table 9.27-2. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

**Table 9.27-2. Hazard Event History**

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 8, 2010	High Wind	N/A	N/A	DPW storm work, closed roads for downed trees
January 17, 2012	High Wind	N/A	N/A	Various small electrical outages throughout the Spencerport Municipal Electric (SME) franchise area. SME storm work to restore power; overtime DPW storm work in support of SME; overtime
October 27 – November 8, 2012	Hurricane Sandy	EM-3351	Yes	SME Mutual Aid to Long Island straight & overtime; damage to both residential and commercial overhead utilities. DPW storm work on 11/8 only
June 26 - July 11, 2013	Severe Storms and Flooding	DR-4129	No	SME storm work to restore power (various small outages), overtime
March 12, 2014	Blizzard	N/A	N/A	DPW storm work, plowing roads overtime
May 13-22, 2014	Severe Storms and Flooding	DR-4180	No	DPW storm work clearing downed trees; some roads temporarily closed; overtime
November 17-26, 2014	Severe Winter Storm, Snowstorm, and Flooding	DR-4204	No	DPW storm work plowing, overtime

### 9.27.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. Table 9.27-3 summarizes the hazard vulnerabilities and their ranking for the Village of Spencerport. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Hazard Risk/Vulnerability Risk Ranking

Table 9.27-3 below summarizes hazard risk/vulnerability rankings of potential hazards for the Village of Spencerport. The hazards of concern for the Village are those with a High hazard ranking.

**Table 9.27-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Landslide	Exposed: \$1,862,825,476	Frequent	48	High
Severe Storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Utility Failure	Damage Estimate Not Available	Frequent	39	High
Extreme Temperature	Damage Estimate Not Available	Frequent	36	High
Infestation	Damage Estimate Not Available	Frequent	36	High
Severe Winter	1% Damage Loss Estimate: \$10,502,474	Frequent	36	High



Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Storm	5% Damage Loss Estimate: \$52,512,371 10% Damage Loss Estimate: \$105,024,741			
Flood	1% annual chance: \$1,721,981	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Wildfire	Exposed Value in the WUI: \$123,075,578	Frequent	18	Medium
Civil Unrest	Damage Estimate Not Available	Occasional	12	Low
Drought	Damage Estimate Not Available	Frequent	12	Low
Earthquake	100-year MRP GBS: \$0 500-year MRP GBS: \$516,357 2,500-year MRP GBS: \$8,725,208 Annualized: \$7,907	Frequent	12	Low
Hazardous Materials	Damage Estimate Not Available	Occasional	12	Low

Notes:

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. 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
- c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
- d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
- e. The HAZUS-MH earthquake model results are reported by Census Tract.

**National Flood Insurance Program (NFIP) Summary**

Table 9.27-4 summarizes the NFIP statistics for the Village of Spencerport.

**Table 9.27-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in the 1% Flood Boundary (3)
Spencerport (V)	13	10	\$161,550	0	0	4

Source: FEMA Region 2 2015

- Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of June 30, 2015 and are summarized by Community Name. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents claims closed by 6/30/15.
- Note (2) Total building and content losses from the claims file provided by FEMA Region 2.
- Note (3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file. Number in the floodplain was determined using the 2007 Effective DFIRM 1% annual chance flood boundary.
- Note (4) FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility.
- Note (5) A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case.

**Critical Facilities**

Table 9.27-5 presents HAZUS-MH estimates of the damage and loss of use to critical facilities in the community as a result of 1- and 0.2-percent annual chance floods.





**Table 9.27-5. 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	Days to 100-Percent <sup>(2)</sup>
None identified.						

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

Note (1): 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).

Note (2): In some cases, a facility may be in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type. Further, HAZUS-MH may estimate potential damage to a facility that is outside the DFIRM because the model generated a depth grid beyond the DFIRM boundaries.

- NA Not available
- X Facility located in the DFIRM boundary
- Not calculated by HAZUS-MH 2.2

**Other Vulnerabilities Identified**

The Village noted a decrease in the number of utility failures from system preventative maintenance/capital upgrades.

**9.27.5 Capability Assessment**

This section identifies the capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms

**Planning and Regulatory Capability**

Table 9.27-6 summarizes the regulatory tools that are available to the Village of Spencerport.

**Table 9.27-6. 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	Y/2012	Local	Village Board	Village of Spencerport Comprehensive Plan, 2012
Capital Improvements Plan	Y	Local	Village Board	Approved with Annual Budget
Floodplain Management / Basin Plan	Y	Local	Building Inspector	Village Code Ch. 161
Stormwater Management Plan	Y	Local	DPW	MS4
Open Space Plan	N			





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.)
Stream Corridor Management Plan	N			
Watershed Management or Protection Plan	N			
Economic Development Plan	N			
Comprehensive Emergency Management Plan	Y	Local	SME (Spencerport Municipal Electric)	Electric Emergency Restoration Plan
Emergency Response Plan	Y	Local	SME	Electric Emergency Restoration Plan
Post-Disaster Recovery Plan	N			
Transportation Plan	N			
Strategic Recovery Planning Report	N			
Other Plans:	Y	Local		Village of Spencerport Eastern Village Corridor Concept Study, 2009; Village of Spencerport Southside Waterfront Redevelopment Concept Plan
<b>Regulatory Capability</b>				
Building Code	Y	Local	Building Dept./CEO	Village Code Ch. 125
Zoning Ordinance	Y	Local	Building Dept./CEO	Village Code Ch. 340
Subdivision Ordinance	Y	Local	PB/ZBA/Building Dept./CEO	Village Code Ch. 184 and VOS Development Regulations
NFIP Flood Damage Prevention Ordinance	Y	Local/Town	Building Inspector	Flood Damage Prevention Chapter 161; Intermunicipal Agreement with Town of Ogden
NFIP: Cumulative Substantial Damages	N			
NFIP: Freeboard	Y	State, Local		State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	N			
Site Plan Review Requirements	Y	Local	Planning Board	Village Code Ch. 184/VOS Development Regulations; Site Plan Review Chapter 263
Stormwater Management Ordinance	Y	County	DPW	Village Code Stormwater Management Ch. 276
Municipal Separate Storm Sewer System (MS4)	Y	Local	DPW	Member of the Storm Water Coalition
Natural Hazard Ordinance	N			
Post-Disaster Recovery Ordinance	N			
Real Estate Disclosure Requirement	Y			NYS mandate, Property Condition Disclosure Act, NY Code - Article



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.)
				14 §460-467
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	N/A			

**Administrative and Technical Capability**

Table 9.27-7 summarizes potential staff and personnel resources available to the Village of Spencerport.

**Table 9.27-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Y	Village Board of Trustees
Mitigation Planning Committee	N	
Environmental Board/Commission	N	
Open Space Board/Committee	N	
Economic Development Commission/Committee	N	
Maintenance Programs to Reduce Risk	N	
Mutual Aid Agreements	Y	DPW and SME
<b>Technical/Staffing Capability</b>		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	N	Professional contracts with local engineering firms
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Building Inspector/CEO/SME Superintendent/DPW Superintendent
Planners or engineers with an understanding of natural hazards	N	
NFIP Floodplain Administrator	Y	Town of Ogden Building Inspector
Surveyor(s)	N	
Personnel skilled or trained in GIS and/or HAZUS-MH applications	N	
Scientist familiar with natural hazards	N	
Emergency Manager	N	
Grant Writer(s)	N	
Staff with expertise or training in benefit/cost analysis	Y	Village Office Personnel
Professionals trained in conducting damage assessments	N	

**Fiscal Capability**

Table 9.27-8 summarizes financial resources available to the Village of Spencerport.

**Table 9.27-8. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
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Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	N
Capital Improvements Project Funding	Y
Authority to Levy Taxes for specific purposes	Y
User fees for water, sewer, gas or electric service	Y
Impact Fees for homebuyers or developers of new development/homes	Y
Stormwater Utility Fee	N
Incur debt through general obligation bonds	Y
Incur debt through special tax bonds	Y
Incur debt through private activity bonds	N
Withhold public expenditures in hazard-prone areas	N
Other Federal or State Funding Programs	Y
Open Space Acquisition Funding Programs	N
Other	N/A

### Community Classifications

Table 9.27-9 summarizes classifications for community program available to the Village of Spencerport.

**Table 9.27-9. Community Classifications**

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	NP		
Building Code Effectiveness Grading Schedule (BCEGS)	NP		
Public Protection (ISO Fire Protection Classes 1 to 10)	NP		
Storm Ready	Y	StormReady County	
Firewise	NP		
Disaster/Safety Programs in/for Schools	N/A		
Organizations with Mitigation Focus (advocacy group, non-government)	NP		
Public Education Program/Outreach (through website, social media)	NP		
Public-Private Partnerships	N/A		

*N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.*

The classifications in Table 9.27-9 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 CRS class applies to flood insurance while the 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 classifications include a higher classification when the subject property is farther than 1,000 feet from creditable fire hydrant and is within 5 road miles of a recognized Fire Station.





Criteria for classification credits are outlined in these documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO's Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/become.shtml>
- The National Firewise Communities website at <http://firewise.org/>





### Self-Assessment of Capability

Table 9.27-10 has an approximate measure of the Village of Spencerport’s capability to work in a hazard-mitigation capacity and effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9.27-10. 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 (limited staff/funds) Tax Cap		
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)

Building Inspector

#### Flood Vulnerability Summary

The Village of Spencerport does not maintain an inventory of properties that have been flood damaged and Village records do not indicate any damaged structures from Hurricane Floyd, Irene, Sandy or other severe storms. The Village does not make substantial damage assessments, and it is not aware of any property owners interested in mitigation activities.

#### Resources

The Floodplain Administrator is the primary person assuming the responsibilities of floodplain administration; he is not currently supported by other staff and completes all responsibilities directly. Patrick Smith, Building Inspector, provides NFIP administration services and functions to the greatest extent possible. There is currently no education or outreach being offered to the community specifically regarding flood hazards/risk or flood risk reduction through NFIP insurance or mitigation.

The Floodplain Administrator does not report any barriers to running an effective floodplain management program in his community. At this time, he does not feel adequately supported and trained to fulfill his responsibilities as the municipal floodplain manager. The Floodplain Administrator expressed interest in attending continuing education and certification training on floodplain management if it were offered in the County for all local floodplain administrators.

#### Compliance History

As of June 30, 2015, there are 13 policies in force, 4 are in the 100-yr flood boundary. There are no repetitive loss or severe repetitive loss properties in the Village. Since 1978, 10 claims were paid in the Village. According to the NFIP Policy Statistics report available at the time of this plan, the policies in the Village insured \$4.295 million of property with total annual insurance premiums of \$21,540. The Floodplain





Administrator is unaware of any outstanding NFIP compliance issues in the community, and does not know when the most recent Community Assistance Visit (CAV) was completed.

### **Regulatory**

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The Village's Flood Damage Prevention Ordinance (FDPO) was last reviewed and updated in July 2008 and is found in Chapter 161 of the local code. Floodplain management regulations and ordinances meet, but do not exceed the FEMA and New York State minimum requirements.

There are other local ordinances, plans, and programs that support floodplain management and meeting NFIP requirements in the Village, including the planning and zoning board reviews of development applications to consider efforts to reduce flood risk.

### **Community Rating System**

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The Village of Spencerport does not participate in the Community Rating System (CRS) program.

### **Other Capabilities Identified**

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Previous actions that are now on-going programs and capabilities are (Refer to Table 9.27-11):

- The Village DPW and SME annually complete public infrastructure maintenance, with the local budget identifying the areas of greatest need/impact. This includes the confirmation that all sanitary systems have an alarm system for power failure and redundant power supplies.
- The Village SME maintains storm ready kits that include maps and supplies applicable to the electric franchise area/rate payers. The Village keeps these kits available and up to date for storms/disasters.
- The Village DPW and SME continue to search for and identify areas of interagency cooperation for large purchases or mitigation projects. They maintain mutual aid agreements with all of the county municipalities and are coordinating mutual aid agreements with neighboring investor-owned utilities.
- The Village DPW and SME make continual assessments of entire special hazard areas. They continually assess critical areas and adjust restoration priorities as necessary and with Village Board approval.
- The Village Board continually confirms that easements are present in utility areas for clear access.
- The Building Inspector continually enforces the Village Codes and permitting processes, as needed.
- The Village Board ensures Village compliance with applicable federal and state regulations.
- All departments provide inspections for applicable services as needed.
- The Village Trustee leads a code review committee with regular meetings to ensure local laws are appropriate and up to date.
- The DPW Superintendent annually inspects drainage/waterway areas, and repairs are identified/budgeted for completion.
- The Village continues to participate in the County Stormwater Coalition and will implement recommended mitigation measures.
- The Village Building Inspector administers and maintains the Village's flood management program in coordination with the Town of Ogden.
- The Village DPW and SME participate in a tree trimming program. Projects are determined annually, as budget funds permit.
- The DPW Superintendent identifies and budgets, as needed, for the relocation of sanitary and storm sewers. The SME Superintendent continually assesses areas of vulnerability to incorporate into the budget and plans for relocation of infrastructure.



- The Village Clerk continually adds content to the Village website to inform the community about appropriate emergency and disaster information, among other topics. The DPW Superintendent updates residents by sending letters regarding projects and he informs local police of these projects.

### **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 their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

#### **Planning**

**Land Use Planning:** The Village of Spencerport has a Planning Board and Zoning Board of Appeals that review all applications for development and consider natural hazard risk areas. Many development activities require additional levels of environmental review, specifically NYS SEQR and Federal NEPA requirements. The Village shares some services, including its Building Department and some code enforcement, with the Town of Ogden. The Village is an MS4-regulated community and has a formal Stormwater Management Plan that specifies initiatives to reduce the volume of stormwater or otherwise mitigate stormwater flooding impacts.

**Village of Spencerport Comprehensive Plan, 2012:** The Village developed its comprehensive plan to develop strategies to achieve community goals. The plan recognizes the import of the Town of Ogden to the Village, and it notes that this plan is also reflective of Town development goals. The plan provides a figure containing natural features in the community, and requires that future development will consider natural features, particularly land slopes and soil drainage conditions.

**Village of Spencerport Eastern Village Corridor Concept Study, 2009:** The Genesee Transportation Council commissioned this study to enhance the livability and economic vitality of the Village due to its location in the Genesee Finger Lakes Region. It primarily focuses on feasible transportation planning to improve circulation, accessibility, and parking in the central business area (CBA). The study considered the impact of potential hazards, primarily flooding, as the Northrup Creek and its eastern tributary cause occasional flooding to the CBA.

**Village of Spencerport Southside Waterfront Redevelopment Concept Plan:** The Village of Spencerport partnered with the Town of Ogden and other public and private entities to create a vision for the southeastern waterfront area. This area falls in both jurisdictions' boundaries. The plan has three primary objectives:

1. Strengthen the community's character, improve access for residents and visitors to the Erie Canal, and expand economic opportunities in a manner consistent with that of a Canal Town.
2. Protect and enhance the natural resources associated with the Erie Canal, including water quality, open space, and scenic value.
3. Expand partnerships between public, private, neighborhood, and regional stakeholders to create stewardship and insure a commitment to implement the Plan on its completion.

This will ultimately result in a revitalized commercial corridor, preserved open spaces and environmental resources, sustainable development, and enhanced transportation choices for the community.



## Regulatory and Enforcement

**Building Code Administration and Enforcement Chapter 125:** The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The Village 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 161:** This chapter promotes the public health, safety, and general welfare of residents and seeks to minimize public and private losses due to floods. The chapter regulates development to promote flood resistant structures and controls the alteration of floodplains to prevent increased vulnerability.

**Site Plan Review Chapter 263:** The Village's Planning Board is tasked with site plan/subdivision review. The Planning board pays special attention to ensure that developments mitigate the issues associated with stormwater, flooding, and steep slopes.

**Stormwater Management Chapter 276:** The Village's stormwater management chapter seeks to mediate the adverse impacts of stormwater, erosion, and sedimentation caused by existing drainage systems. It serves to control the degradation of water quality in the Village.

**Zoning Chapter 340:** The Village's zoning code includes districts and standards pertaining to the health and wellbeing of its residents. Although the code does not explicitly state hazard mitigation as a concern, potential hazards are evaluated under routine safety concerns when exploring zoning regulations.

## Fiscal

**Operating Budget:** The Village's operating budget contains minimal provisions for expected repairs like snow removal and infrastructure repair after a storm or natural disaster. The Village was awarded low-interest loans for a project in conjunction with the County, where the Village will take the wastewater treatment plant off-line and will construct a pump station.

## Education and Outreach

Village of Spencerport 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, as able to meet all professional requirements. Village emergency responders have the option to attend courses at the Monroe County Public Safety Training Facility.

Although the Village does not provide hazard awareness information directly on its webpage, it does provide links to local ambulance services and the Spencerport Fire District. Both of these webpages offer useful disaster/safety tips and classes. The Village keeps printed materials available in the Village Office. Spencerport maintains a Facebook page but does not currently use this resource for disaster preparedness information. Residents have the ability to sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.

### 9.27.6 Mitigation Strategy and Prioritization

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



### **Past Mitigation Initiative Status**

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Table 9.27-11 indicates progress on the community's mitigation strategy identified in the 2011 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in Table 9.27-11 and may also be found under the Capability Assessment section presented previously in this annex.



Table 9.27-11. 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	Discontinue	Not applicable to Village.
ES-4: Stockpile emergency supplies.	Spencerport Municipal Electric (SME)	In Progress	SME has storm ready kits that include maps and supplies applicable to the electric franchise area/Rate payers	Discontinue	Describe in 2017 HMP as ongoing operational capability Complete storm ready kits to confirm that they are available and up to date if there is a storm or disaster
ES-5: Solicit "Mutual Aid" agreements.	DPW/SME	Completed	DPW has mutual aid agreements with all of the county municipalities as well as SME.	Discontinue; Project completed	Describe in 2017 HMP as ongoing operational capability SME is currently coordinating mutual aid agreements with neighboring investor owned utilities. Continue to maintain and identify area to secure mutual aid agreements
ES-6: Engage emergency service jurisdictions in local municipal government processes.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
NRP-1: Ensure proper disposal of Hazardous Waste.	DPW/SME	Complete	100% Both departments have procedures in place to dispose of hazardous materials as needed	Discontinue	Project complete
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	DPW/SME/Building Inspector/Code Enforcement Officer	Complete	100% All departments are aware of Village Codes and apply/enforce them as necessary	Discontinue; Project completed	Describe in 2017 HMP as ongoing operational capability
NRP-3: Provide comprehensive	DPW/SME/Building	Complete	100% All departments provide inspections for	Discontinue;	Describe in 2017 HMP as





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.
inspection services. This may pertain to existing and/or new infrastructure.	Building Inspector		applicable services on an as needed basis.	Project completed	ongoing operational capability
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	Building Inspector	Complete	100% services are shared with the Town of Ogden	Discontinue; Project completed	Describe in 2017 HMP as ongoing operational capability
NRP-5: Maintain "Urban Forests."	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
PEA-3: Review Utility Service & restoration plans.	SME	Complete	100% SME has an active service and restoration plan that is updated as needed	Discontinue; Project completed	Describe in 2017 HMP as ongoing operational capability Updated as needed
PEA-4: Identify and utilize a "Speakers Bureau."	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
PP-1: Identify "special hazard" areas.	DPW/SME/Building Inspector/Code Enforcement Officer	Ongoing	Hazard areas are identified and as needed new areas are addressed	Discontinue	Describe in 2017 HMP as ongoing operational capability Continual assessment of the entire areas should be completed
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	DPW/SME	Ongoing	Maintenance is completed annually with local budget to address area of greatest impact	Discontinue	Describe in 2017 HMP as ongoing operational capability Continual electric line rebuilds and the slip lining of storm and sanitary sewers.
PP-3: Solicit inter-municipal and interagency cooperation.	DPW/SME	Ongoing	Inter-municipal and Inter-agency agreements are in place for all of Monroe County	Discontinue	Describe in 2017 HMP as ongoing operational capability Staff continues to search and identify areas for interagency cooperation for large





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.
					purchases or mitigation projects
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
PP-5: Property acquisition	Village Board	In progress	The Village continually confirms that easements are present in utility areas for clear access.	Discontinue	Describe in 2017 HMP as ongoing operational capability At this time easements for sanitary and storm sewers are being attained in the an area of the Village near Northrup Creek
PR-1: Enforce Building Code as required for existing and new infrastructure.	Building Inspector	Continual	Building Inspector continually enforces the Village Codes as needed	Discontinue	Describe in 2017 HMP as ongoing operational capability
PR-2: Comply with applicable federal and state regulations.	Village Board	Continual	Continual	Discontinue	Describe in 2017 HMP as ongoing operational capability
PR-5: Regular review of Local Laws	Village Trustee	Continual	Village Trustee leads a code review committee to ensure local laws are appropriate and up to date	Discontinue	Describe in 2017 HMP as ongoing operational capability
SP-1: Disaster “proof” public facilities. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendent	Complete	New drainage has been installed in the Village Office to prevent flooding and a standby generator in the event of a power failure. Slip lining of sanitary sewers and upgrades to storm sewers.	Discontinue	Project complete
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendents	In progress	All sanitary sewer pump stations have backup generators/DPW and Village Offices have backup generators for critical functions including fuel pumps	Discontinue	Describe in 2017 HMP as ongoing operational capability Confirming that all sanitary sewer pump stations have an alarm system that will







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.
					automatically notify personnel of a failure.
SP-3: "Target Harden" facilities. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendents	In progress	Areas are regularly identified for upgrades such as slip lining of sanitary sewers, storm sewers and electric circuit rebuilds.	Discontinue	Describe in 2017 HMP as ongoing operational capability Update area maps to include areas of completed mitigation, proposed mitigation for next year's budget and future mitigation for future budgets
SP-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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 Village.
Fl-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Fl-PEA-1: Provide information about the Erie Canal and its	N/A	No Progress	N/A	Discontinue	Not applicable to Village.





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.
spillway locations					
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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).	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-PR-1: Implement an annual, "Waterway/Drainage Maintenance" Program	DPW Superintendent	Continual	Annually drainage is inspected and repairs are identified and budgeted for completion.	Discontinue	Describe in 2017 HMP as ongoing operational capability
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 & Chronicle, 3-2-03). This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
FI-SP-2: Local Project. Implement municipal mitigation measures identified	DPW Superintendent	In progress	Participant in the Storm Water Coalition and mitigation measures are completed per the coalition's recommendations.	Discontinue	Describe in 2017 HMP as ongoing operational capability





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.
by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing and/or new infrastructure.					Continued participation in the Storm Water Coalition and implement recommended mitigation measures.
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-ES-2: Regularly review restoration priorities	DPW/SME Superintendent	Ongoing	SME Superintendent is aware of critical areas within the Village and restoration is prioritized bases on those areas	Discontinue	Describe in 2017 HMP as ongoing operational capability Continually asses critical areas and adjust restoration priorities as necessary with Village Board approval
Ice-ES-3: Enhance utility "Town Liaison" Program	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Ice-PEA-6: Expand information available on websites	Village Clerk	In progress	Clerk continually adds content to the Village website to inform the community	Discontinue	Describe in 2017 HMP as ongoing operational capability Website will be revised to include a community information page





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-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendents	In progress	Village Office has backup generator/all sanitary sewer pump station have backup generators and plans are in place for a natural gas backup generator to be installed at the DPW/SME facility	Discontinue	Describe in 2017 HMP as ongoing operational capability Plans are being completed for the installation of a backup generator at the DPW/SME facility with completion scheduled for May 2016
Ice-PR-1: Implement an “Annual, Tree/Stream Maintenance Program”	DPW/SME Superintendents	Ongoing	Both departments participate in a tree trimming program.	Discontinue	Describe in 2017 HMP as ongoing operational capability Tree trimming projects will be determined annually as budget funds are available
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendent	Ongoing	DPW Superintendent identifies and budgets as needed for the relocation of sanitary and storm sewers. SME Superintendent continually assesses areas of vulnerability. Budget and plans for relocation of infrastructure.	Discontinue	Describe in 2017 HMP as ongoing operational capability Vulnerable areas will be assessed annually and relocation design plans will be implemented.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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 Village.
Ice-SP-1: Install permanent	DPW/SME	In progress	Installation of natural gas generator as DPW facility	Discontinue	Describe in 2017 HMP as





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.
backup power supply at public facilities. This may pertain to existing and/or new infrastructure.			to ensure continual service during a power outage including fueling pumps		ongoing operational capability Plans are being completed with RG&E at this time with completion scheduled for May 2016
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 Village.
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.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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.	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
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 Village.
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 Village.



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	Town of Ogden	In progress	Working with the Town of Ogden to finalize public facilities plan and POD	Discontinue	Describe in 2017 HMP as ongoing operational capability At this time Town of Ogden is completing documentation and VOS is waiting for final plan.
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 Village.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinue	Not applicable to Village.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	DPW Superintendent	Complete	Letters are sent to residents regarding projects and local police are informed by the Superintendent	Discontinue; Project completed	Describe in 2017 HMP as ongoing operational capability
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	DPW/SME Superintendent	In progress	Plans are in place for a natural gas line to be installed at the DPW site for the installation of a backup generator to provide power to the entire facility including fueling pumps. Temporary generator in place now.	Discontinue	Describe in 2017 HMP as ongoing operational capability Backup generator project will be complete by May of 2016
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.	SME Superintendent	Complete	SME cannot generate power. Substation has the ability to segregate the station from RG&E and power in the SME Franchise was not affected by the 8/14/2003 failure. SME franchise is supplied from RG&E	Discontinue	Project complete
WSC-PR-1: Provide redundant	DPW	Complete	All sewer pump stations have backup generators	Discontinue	Project complete





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.
back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing and/or new infrastructure.	Superintendent		assigned to them in the event of a power failure.		



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

The Village of Spencerport identified these mitigation projects/activities that were completed but not identified in the previous mitigation strategy in the 2011 Plan:

- The Village advertised hazard mitigation and the 2016 County HMP update to Village residents at the Spencerport Area Chamber of Commerce meeting in February 2016.

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

FEMA Region II led a meeting for 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.

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

Table 9.27-12 summarizes the comprehensive-range of specific mitigation initiatives the Village of Spencerport would like to pursue to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives depend on available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazards and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in Table 9.27-12 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 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. Table 9.27-12 summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.27-13 has a summary of the prioritization of all proposed mitigation initiatives for the Plan update.





Table 9.27-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
VS-1	Natural Systems Protection of Northrup Creek. Obtain spill kits from DEC and maintain in house to help clean up spills.	Existing	HazMat	2, 3, 5	Village of Spencerport	High	Low	NYS DEC, Local	Short-Term, then Ongoing	Low	NSP	NR
VS-2	Install natural gas generator at DPW/SME Operations Center.	Existing	Utility Failure	2, 3	Village of Spencerport	High	High	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	Medium	SIP	PP, ES
VS-3	Install natural gas DC generator at SME electric substation	Existing	Utility Failure	2, 3	Village of Spencerport	High	High	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	High	SIP	PP, ES
VS-4	Continue to attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	N/A	All Hazards	1, 4	Monroe County, Village of Spencerport	Medium	Low – Staff Time	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Ongoing	High	EAP	PI
VS-5	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	Existing	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure	1, 3, and 4	Village Clerk	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 the effects of hazards on new or existing buildings 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

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 on-going program.
Medium	Could budget for under existing work plan, but would require a reappropriation of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
High	Would require an increase in revenue from an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

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
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 the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
High	Project will have an immediate impact on the reduction of risk exposure to life and property.

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) – These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

- Preventative Measures (PR) – Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP) – These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.





- *Public Information (PI) – Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.*
- *Natural Resource Protection (NR) – Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.*
- *Structural Flood Control Projects (SP) – Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.*
- *Emergency Services (ES) – Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities*



Table 9.27-13. 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
VS-1	Natural Systems Protection of Northrup Creek. Obtain spill kits from DEC and maintain in house to help clean up spills.	0	1	1	0	0	1	0	1	0	0	0	0	0	0	4	Low
VS-2	Install natural gas generator at DPW/SME Operations Center.	1	1	1	1	0	0	0	0	0	0	1	0	1	0	6	Medium
VS-3	Install natural gas DC generator at SME electric substation	1	1	1	1	0	0	0	0	0	0	1	1	1	0	7	High
VS-4	Continue to attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	1	1	1	1	0	0	1	0	1	1	1	0	0	1	9	High
VS-5	Conduct education and outreach to residents and business owners 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 that contains the guidance on prioritizing mitigation actions.



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

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None at this time.

### **9.27.8 Hazard Area Extent and Location**

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Hazard area extent and location maps were generated for the Village of Spencerport illustrating the probable areas that would be impacted within the municipality. These maps are based on the best available current data, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards (i.e., landslide, wildfire, and flooding) that can be clearly identified using mapping techniques and technologies, and for which the Village of Spencerport has significant exposure. These maps are illustrated in the hazard profiles in Section 5.4, Volume I of this Plan.

### **9.27.9 Additional Comments**

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None at this time.



Figure 9.27-1. Village of Spencerport Landslide and Wildfire Hazard Area Extent and Location Map

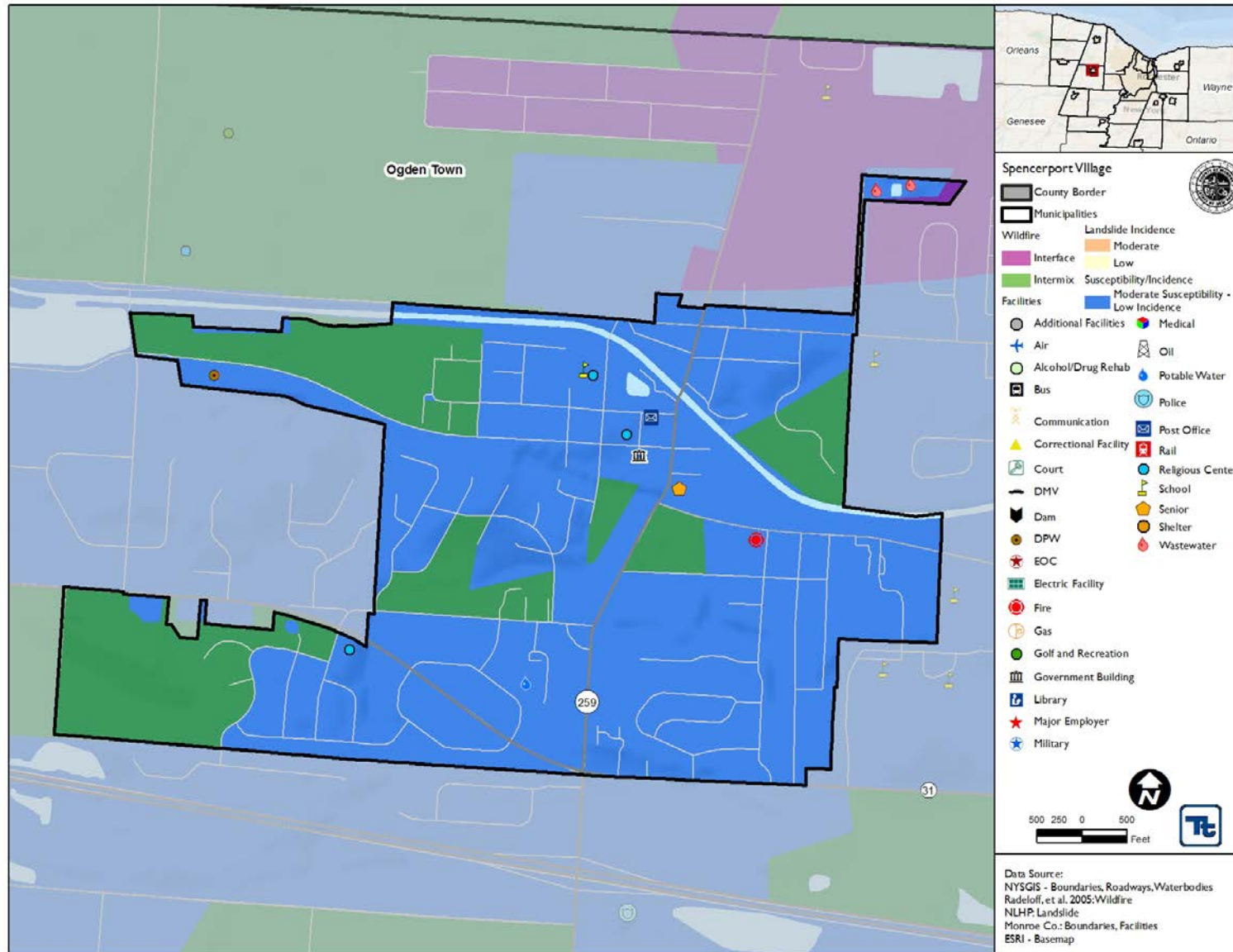
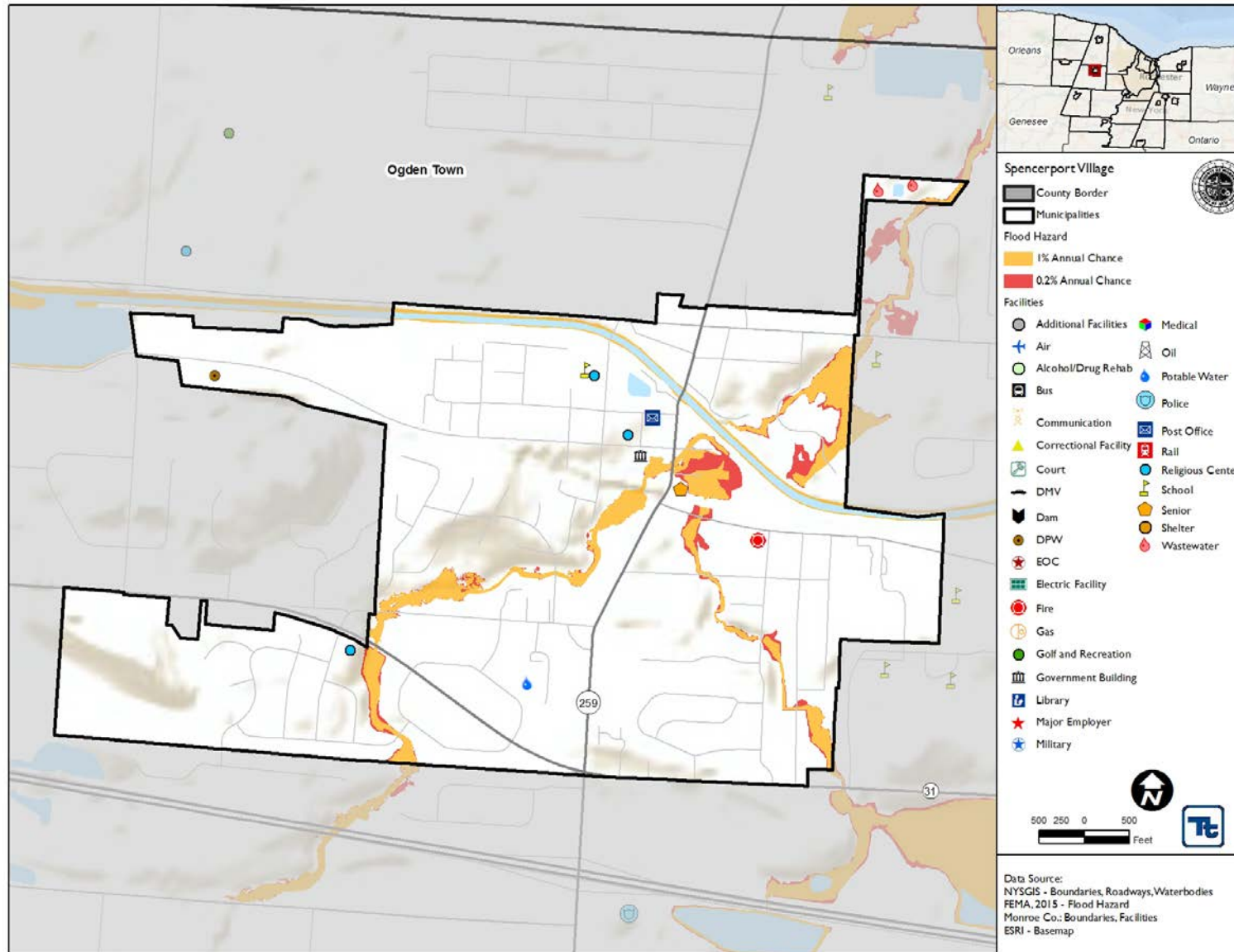




Figure 9.27-2. Village of Spencerport Hazard Area 1% and 0.2% Floodplain Map







**Name of Jurisdiction:** Village of Spencerport  
**Name and Title Completing Worksheet:** Jacqueline Sullivan, Village Clerk  
**Action Number:** VS-1  
**Mitigation Action Name:** Natural Systems Protection of Northrup Creek. Obtain spill kits from DEC and maintain in house to help clean up spills.

Assessing the Risk	
<b>Hazards addressed:</b>	Northrup Creek contamination
<b>Specific problem being mitigated:</b>	Electric Transformer oil leak into Northrup Creek (Hazardous Materials)
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Changing the current mineral based oil to a vegetable based oil – not considered due to the cost of conversion; digging dry wells to contain a potential spill; DEC spill kits to clean up a spill
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	VOS has DEC spill kits in house if there is a spill
<b>Mitigation Action Type</b>	NSP
<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>	Protecting Northrup Creek from contamination
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Low
Plan for Implementation	
<b>Responsible Organization</b>	Village of Spencerport
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Local Sources, state funds
<b>Timeline for Completion</b>	Short
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:





Action Number:

VS-1

Mitigation Action Name:

Natural Systems Protection of Northrup Creek. Obtain spill kits from DEC and maintain in house to help clean up spills.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Protect creek and nearby residences
Cost-Effectiveness	1	
Technical	0	
Political	0	
Legal	1	
Fiscal	0	
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	0	
Timeline	0	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	4	
<b>Priority (High, Med or Low)</b>	Low	



**Name of Jurisdiction:** Village of Spencerport  
**Name and Title Completing Worksheet:** Jacqueline Sullivan, Village Clerk  
**Action Number:** VS-2  
**Mitigation Action Name:** Install natural gas generator at DPW/SME Operations Center

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Electric Outage – Utility Failure
<b>Specific problem being mitigated:</b>	Lack of alternative power at the DPW/SME Operations Center
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Portable generators are in use at this time if there is a power outage – long term maintenance on the generators are costly and time consuming
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Installation of natural gas generator
<b>Mitigation Action Type</b>	Structure & Infrastructure Project
<b>Goals Met</b>	2 & 3
<b>Applies to existing and or new development, or not applicable</b>	Existing development
<b>Benefits (losses avoided)</b>	DPW/SME operations will be fully operational if there is a power outage
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village of Spencerport
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Local Sources, state funds
<b>Timeline for Completion</b>	Short
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



Action Number:

VS-2

Mitigation Action Name:

Install natural gas generator at DPW/SME Operations Center

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Ensure that DPW/SME can remain operational to help during other event impacts.
Cost-Effectiveness	1	Portable generator repairs are costly and time-consuming
Technical	1	
Political	0	
Legal	0	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	0	
Multi-Hazard	1	
Timeline	0	
Agency Champion	1	Village Clerk and other staff
Other Community Objectives	0	
<b>Total</b>	<b>6</b>	
<b>Priority (High, Med or Low)</b>	<b>Medium</b>	



<b>Name of Jurisdiction:</b>	Village of Spencerport
<b>Name and Title Completing Worksheet:</b>	Jacqueline Sullivan, Village Clerk
<b>Action Number:</b>	VS-3
<b>Mitigation Action Name:</b>	Install natural gas DC generator at SME electric substation

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Electric Outage – Utility Failure
<b>Specific problem being mitigated:</b>	Install natural gas DC generator at SME electric substation (Utility Failure)
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Installation of natural gas DC generator
<b>Mitigation Action Type</b>	Structure & Infrastructure Project
<b>Goals Met</b>	2 & 3
<b>Applies to existing and or new development, or not applicable</b>	Existing development
<b>Benefits (losses avoided)</b>	SME electric substation will have back up power to recharge batteries if there is a long term RG&E outage
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village of Spencerport
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Local Sources, state funds
<b>Timeline for Completion</b>	Short
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:** VS-3

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**Mitigation Action Name:** Install natural gas DC generator at SME electric substation

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Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Ensure that DPW/SME can remain operational to help during other event impacts.
Cost-Effectiveness	1	Assists in long-term outages
Technical	1	
Political	0	
Legal	0	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	0	
Multi-Hazard	1	
Timeline	1	Short
Agency Champion	1	Village Clerk and other municipal staff
Other Community Objectives	0	
<b>Total</b>	7	
<b>Priority (High, Med or Low)</b>	Medium	