



9.3 VILLAGE OF ARGYLE

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

9.3.1 Hazard Mitigation Plan Point of Contact

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

Primary Point of Contact	Alternate Point of Contact
Wesley Clark, Mayor P.O. Box 7, Argyle, NY 518-638-8717 walgclark@juno.com	Joyann Stimpson, Clerk/Treasurer P.O. Box 7, Argyle, NY 518-955-2766 stimpsonjoyann@gmail.com

9.3.2 Municipal Profile

The Village of Argyle is located in central Washington County and is fully surrounded by the Town of Argyle. According to the 2010 Census, the population of the Village was 306. The Village has a total area of 0.4 square miles, all of which is land. The Village is located on New York State Route 40. The Moses Kill flows through the Village.

Growth/Development Trends

The following table summarizes recent residential/commercial development since 2010 to present and any known or anticipated major residential/commercial development and major infrastructure development that has been identified in the next five years within the municipality.

Table 9.3-1. 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
Recent Development from 2010 to present					
Vaughn Vernold	Res	1	Barkley Ave.	No	Home under construction
Known or Anticipated Development in the Next Five (5) Years					
None due to limited space in Village					

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

9.3.3 Natural Hazard Event History Specific to the Municipality

Washington County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 – Risk Assessment of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. For the purpose of this plan update, events that have occurred in the County from 2008 to present 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 presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 – Risk Assessment of this plan.



Table 9.3-2. Hazard Event History

Dates of Event	Event Type (FEMA Disaster Declaration if applicable)	Washington County Designated?	Summary of Damages/Losses
December 11-31, 2008	Severe Winter Storm (DR-1897)	Yes	The Village experienced a power outage as a result of this event.

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- IA Individual Assistance
- N/A Not applicable
- PA Public Assistance

9.3.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 – Risk Assessment of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Village of Argyle. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0 – Risk Assessment. Refer to Figure 9.3-1 later in this annex for hazard vulnerable areas located in the Village of Argyle.

Natural Hazard Risk/Vulnerability Risk Ranking

As discussed in Section 5.3 (Hazard Ranking), each participating town or village may have differing degrees of risk exposure and vulnerability compared to Washington County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Village of Argyle. Table 9.3-12 provides proposed mitigation initiatives for the high ranked hazards.

Table 9.3-3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
Earthquake	100-Year GBS: \$3,806,001	Occasional	32	High
	500-Year GBS: \$48,024,634			
	2,500-Year GBS: \$331,519,714			
Flood	Damage estimate not available.	Frequent	30	Medium
Severe Weather	100-Year MRP: \$288,961	Frequent	48	High
	500-year MRP: \$2,282,736			
	Annualized: \$16,846			
Severe Winter Weather	1% GBS: \$650,432	Frequent	51	High
	5% GBS: \$3,252,162			
Wildfire	Estimated Value in the WUI Hazard Areas: \$0	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 20-30+

Low = Total hazard risk ranking below 20

- 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.
- f. Damage estimate for flood unavailable due to lack of digital floodplain data for Washington County.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Village of Argyle.

Table 9.3-4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)
Argyle (V)	1	1	\$429	0	0

Source: FEMA, 2016

Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of April 30, 2016 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 4/30/2016.

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 are unavailable due to lack of digital floodplain for Washington County.

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.

Critical Facilities

At the time of this HMP Update, digitized flood maps for Washington County are unavailable. In order to provide some level of beneficial analysis, a desktop analysis was performed to identify critical facilities located within the floodplain (refer to Section 5.1 [Methodology and Tools] for details). The following table identifies critical facilities located within the municipality and their exposure, if any, to the possible floodplain. This information is a resource for the municipality to determine if flood mitigation actions are appropriate based on historical events and proximity of the facility to a water body. At the time of this 2018 HMP Update, the municipality did not identify any actions associated with these facilities.

The Village of Argyle understands the limitation of the map data and once the updated maps are available, the municipality will work with Washington County to determine which critical facilities are located within the 1% and 0.2% annual chance flood zones. Once identified, the municipality will work with the property owners and develop mitigation actions for each of the critical facilities, ensuring they will be protected to the 500-year (or worst-case scenario) level.

Table 9.3-5. Potential Flood Losses to Critical Facilities

Name	Type	Potential Flood Exposure
Glens Falls National Bank	Bank	X

Source: Washington County; NYS GIS Clearinghouse

Other Vulnerabilities Identified

The Village has not identified any other vulnerabilities.

9.3.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:





- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of mitigation planning into existing and future planning mechanisms

Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Village of Argyle.

Table 9.3-6. 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.)
Planning Capability				
Master Plan	No	-	-	-
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	No	-	-	-
Stormwater Management Plan	No	-	-	-
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	No	-	-	-
Emergency Response Plan	No	-	-	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:	No	-	-	-
Regulatory Capability				
Building Code	Yes	State and Local	Code Enforcement (County)	Building Code of New York State (NYS), Local Law #1
Zoning Ordinance	Yes	Local	Zoning Board of Appeals	Local Law #2 of 1988
Subdivision Ordinance	Yes	Local	Planning Board	Village of Argyle Subdivision Regulations 2/8/1990
NFIP Flood Damage Prevention Ordinance	Yes	Local	Mayor	Information not provided at the time of the 2018 HMP Update
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local		State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types



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.)
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	No	-	-	-
Stormwater Management Ordinance	No	-	-	-
Municipal Separate Storm Sewer System (MS4)	No	-	-	-
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	NYS Department of State, Real Estate Agent	NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	No	-	-	-

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Village of Argyle.

Table 9.3-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Village Board
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Maintenance programs to reduce risk	No	-
Mutual aid agreements	No	-
Technical/Staffing Capability		
Planner(s) or engineer(s) with knowledge of land development and land management practices	No	-
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	No	-
Planners or engineers with an understanding of natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Mayor
Surveyor(s)	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
Emergency Manager	No	-



Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Grant writer(s)	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-

Fiscal Capability

The table below summarizes financial resources available to the Village of Argyle.

Table 9.3-8. 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	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal or State Funding Programs	No
Open space acquisition funding programs	No
Other	No

Community Classifications

The table below summarizes classifications for community program available to the Village of Argyle.

Table 9.3-9. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	6/6Y	8/27/15
NYS DEC Climate Smart Community	No	-	-
Storm Ready	No	-	-
Firewise	No	-	-
Disaster/safety programs in/for schools	No	-	-
Organizations with mitigation focus (advocacy group, non-government)	No	-	-
Public education program/outreach (through	No	-	-



Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
website, social media)			
Public-Private Partnerships	No	-	-

Note:

- N/A Not applicable
- NP Not participating
- Unavailable

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 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 located beyond 1000 feet of 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 website at <https://www.isomitigation.com/bcegs/>
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <https://www.weather.gov/stormready/>
- The National Firewise Communities website at <https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA>

Self-Assessment of Capability

The table below provides an approximate measure of the Village of Argyle’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.3-10. 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 – staff, funding		
Administrative and Technical Capability	X – staff, funding		
Fiscal capability	X – low tax base		
Community political capability	X – size		
Community resiliency capability	X – size		
Capability to Integrate Mitigation into Municipal Processes and Activities.	X – staff, funding		

National Flood Insurance Program





NFIP Floodplain Administrator (FPA)

While the Flood Damage Prevention Ordinance indicates the mayor is the FPA; Mr. Robert Henke, Town of Argyle Supervisor, provided the following information.

Flood Vulnerability Summary

The Village does not maintain lists/inventories of properties that have been damaged by flooding. During recent events, no structures were damaged within the Village. The FPA does not make any substantial damage events and none were declared during recent events. There is currently no interest in mitigation within the community.

Resources

Floodplain administration for the Village is performed by the Town of Argyle. The Village does not provide any NFIP administration services or functions or education and outreach to its residents. The Village indicated that barriers to running an effective floodplain management program include small size and lack of serious threat to flooding. The FPA would consider attending continuing education and/or certification training on floodplain management if it were offered.

Compliance History

The community is in good standing with the NFIP. Per NYS DEC, the Village of Argyle's last Community Assistance Visit was held on July 27, 1992.

Regulatory

The Village's flood damage prevention ordinance meets the minimum set by FEMA and the State. There are no additional ordinances, plans or programs that support floodplain management for the Village. The Village is currently not part of the CRS program but has considered joining and would attend a seminar if offered locally.

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 Argyle has a Planning Board and Zoning Board of Appeals which review all applications for development and consider natural hazard risk areas in their review. Many development activities require additional levels of environmental review, specifically NYS SEQRA and Federal NEPA requirements.

Annual Water Quality Report for 2015: To comply with State regulations, the Village of Argyle (Argyle), issues an annual report describing the quality of its drinking water. The purpose of this report is to raise local understanding of drinking water and awareness and the need to protect drinking water sources. In 2014, Argyle's tap water met all State drinking water health standards that were sampled for.



Regulatory and Enforcement

Code Enforcement: Washington County provides code enforcement duties and responsibilities to the Village of Argyle.

Building/Construction Codes: 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).

Sewers: The Village abides by the County-wide Sanitary Code, which protects and regulates its sewage collection and treatment facilities as a matter of public health and environmental safety. It seeks to prohibit the introduction of stormwater, surface, or sub-surface waters into sanitary sewers and to control the quantity and quality of wastes in the sewage system.

Subdivision of Land: The Village's Planning Board is authorized and empowered to approve Plats showing lots, blocks or sites, with or without streets or highways, to approve the development or entirely or partially undeveloped plats already filed in the office of the clerk of the county and to conditionally approve preliminary plats within the Village.

Zoning: The Village of Argyle's 1988 zoning code includes standards pertaining to the mitigation of hazards. While there are only three established zones, Article 6 of the code discusses supplementary regulations including those for soil erosion and runoff control standards, clear cutting, and excavation of minerals/gravel.

Fiscal

Operating Budget: The Village operating budget contains minimal provisions for expected activities like storm sewer servicing, snow removal, and street repair after a storm or natural disaster. The 2016-2017 budget also allocates \$12,000 for planning services, which may relate to hazard mitigation. The annual budget also includes a separate page for the water fund revenues and expenses.

Grants: The Village received \$28,000 in CHIPS grants over the 2015-2016 fiscal year, but did not project similar funding into the 2016-2017 budget.

Education and Outreach

The Village website has links to the quarterly Village newspaper, annual budget, Village Water Commission report, and NYS DEC regulations governing the use of outdoor wood boilers, among links to other regional organizations.

The Village uses the Washington County Reverse 911 (My EM App) and the Front Porch Forum to notify residents of emergency situations, including notifying water users when a boil water notice is issued. Front Porch Forum is a free community-building service in Vermont and some parts of eastern New York. The neighborhood forum is only open to the people who live there and is designed to help neighbors connect.

9.3.6 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status



The following table indicates progress on the community’s mitigation strategy identified in the 2010 Plan. It should be noted that during the 2010 planning process, only general, countywide actions were identified for each municipality. The Village of Argyle reviewed the previous actions and selected actions they chose to carry forward as part of this plan update. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.3-11. Status of Previous Mitigation Actions

2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2018 HMP or Discontinue)	Describe Next Step
Improve drainage at sites where roads have washed out due to natural hazards in the past	County and NYS DHSES	No Progress	Lack of funding	Discontinue	At the time of this plan update, this action is not relevant to the Village; therefore, it will not be included in the HMP update.
Purchase equipment to provide for local personnel to conduct the drainage improvement	County and NYS DHSES	No Progress	Lack of funding	Discontinue	At the time of this plan update, this action is not relevant to the Village; therefore, it will not be included in the HMP update.
Engineering assessment to determine feasibility of each site improvement	County and NYS DHSES	No Progress	Lack of funding	Discontinue	At the time of this plan update, this action is not relevant to the Village; therefore, it will not be included in the HMP update.
Improve dams to prevent flooding causing roads to wash out.	County and NYS DHSES	No Progress	Lack of funding	Discontinue	At the time of this plan update, this action is not relevant to the Village; therefore, it will not be included in the HMP update.
Improve identified sites where slope stability is subject to land subsidence and where excavation or planting could mitigate future damage.	County and NYS DHSES	No Progress	Lack of funding	Discontinue	At the time of this plan update, this action is not relevant to the Village; therefore, it will not be included in the HMP update.



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Village of Argyle has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2010 Plan:

- None identified

Proposed Hazard Mitigation Initiatives for the Plan Update

The Village of Argyle participated in a mitigation action workshop in September 2016 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.3-12 summarizes the comprehensive-range of specific mitigation initiatives the Village of Argyle would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6 – Mitigation Strategy, 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 your actions as ‘High’, ‘Medium’, or ‘Low.’ The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.3-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.3-12. 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
V. Argyle-1	Review the Village's current Flood Damage Prevention Ordinance, and update as necessary to consider and address: <ul style="list-style-type: none"> Compliance with the latest model Flood Damage Prevention Ordinances. To request the Model Flood Damage Prevention Law appropriate for your community, please contact the DEC Floodplain Management Section at 518-402-8185 or at floodplain.floodplain@dec.ny.gov. Proper identification of the local NFIP Floodplain Administrator. Establish a Memorandum of Agreement (MOA) with the County if the County is to formally assume the responsibilities of administering the duties of local floodplain administration. Reference current regulatory NFIP floodplain mapping, which is currently in an active update process (2016-2017). 											
	See above	New and Existing	Flood	All	Village and FPA	Medium	Low	Municipal Budget	Ongoing	High	LPR	PR
V. Argyle-2	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 those properties.	Existing	All	3	Village Board	High	Low	Municipal Budget	Short Term	Medium	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 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
 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 in 2015)
 SRL Severe Repetitive Loss Grant Program (discontinued in 2015)

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
 High > \$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 on-going program.
- Medium* Could budget for under existing work plan, but would require a reapportionment 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 via 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 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 9.3-13. 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
V. Argyle-1	Review the Village's current Flood Damage Prevention Ordinance, and update as necessary	1	1	1	1	0	0	1	1	1	1	1	0	1	0	10	High
V. Argyle-2	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas	1	1	1	1	0	1	0	0	0	1	0	0	0	0	6	Medium

Note: Refer to Section 6 – Mitigation Strategy, which conveys guidance on prioritizing mitigation actions.



9.3.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.3.8 Hazard Area Extent and Location

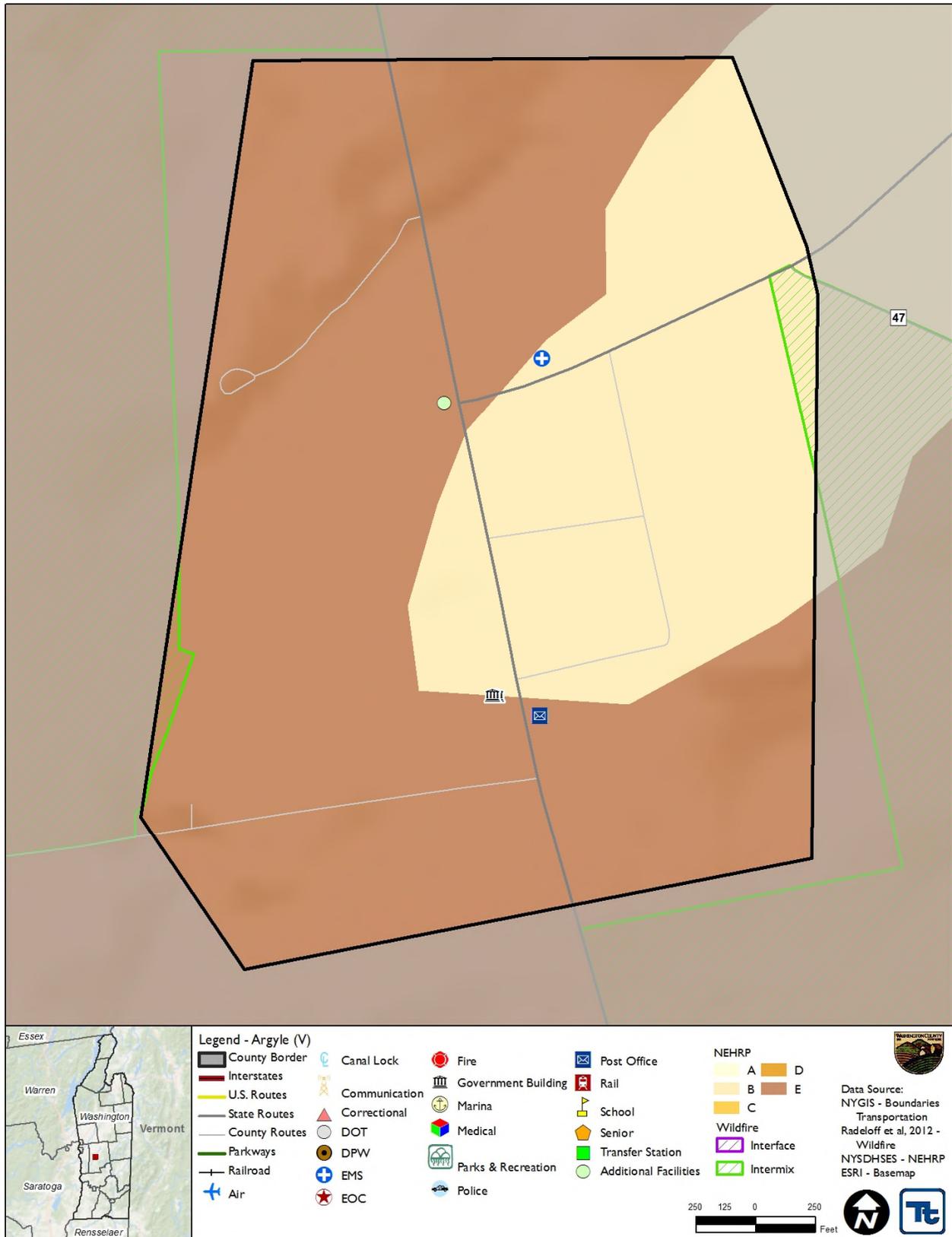
Hazard area extent and location maps have been generated for the Village of Argyle that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Village of Argyle has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4 – Hazard Profiles, Volume I of this Plan.

9.3.9 Additional Comments

None at this time.



Figure 9.3-1. Village of Argyle Hazard Area Extent and Location





Action Number:

V. Argyle-1

Mitigation Action Name:

Review the Village's current Flood Damage Prevention Ordinance, and update as necessary.

Assessing the Risk	
Hazard(s) addressed:	Flood
Specific problem being mitigated:	Current floodplain management ordinance could be out of date and less effective than current regulations require.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Exceed FEMA standards for Flood Damage Prevention Ordinance – not interested at this time.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Items to be addressed during the review include: 1) Compliance with the latest model Flood Damage Prevention Ordinances. To request the Model Flood Damage Prevention Law appropriate for the community, contact the DEC Floodplain Management Section at 518-402-8185 or at floodplain.floodplain@dec.ny.gov . 2) Proper identification of the local National Flood Insurance Program (NFIP) Floodplain Administrator. 3) Establish a Memorandum of Agreement (MOA) with the County if the County is to formally assume the responsibilities of administering the duties of local floodplain administration. 4) Reference current regulatory NFIP floodplain mapping, which is currently in an active update process (2016-2017).
Mitigation Action Type	Local Plans and Regulations (LPR)
Goals Met	All
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	Medium
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Village Board and Floodplain Administrator
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Municipal Budget
Timeline for Completion	Ongoing
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number:
Mitigation Action Name:

V. Argyle-1
 Review the Village’s current Flood Damage Prevention Ordinance, and update as necessary.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	1	Municipal staff time and budget
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	
Timeline	0	
Agency Champion	1	
Other Community Objectives	0	
Total	10	
Priority (H/M/L)	High	



Action Number:

V. Argyle-2

Mitigation Action Name:

Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas.

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Many residents and business owners could be located within hazard areas and not be aware of the fact.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - Current problem persists. Rely on outside groups to conduct public outreach – may not be sustainable or at high enough standards.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Support and information regarding hazard vulnerability and mitigation opportunities will be provided to residents and business owners located within the hazard areas.
Mitigation Action Type	Education and Awareness Programs (EAP)
Goals Met	3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	Low
Priority*	Medium
Plan for Implementation	
Responsible Organization	Village Board
Local Planning Mechanism	Hazard Mitigation; Public Education
Potential Funding Sources	Municipal Budget
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	No progress; new project



Action Number:
Mitigation Action Name:

V. Argyle-2
 Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	1	
Fiscal	0	Municipal budget
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	0	
Timeline	0	To be completed in next five years; however, depends on funding
Agency Champion	0	
Other Community Objectives	0	
Total	6	
Priority (H/M/L)	Medium	