

Jurisdictional Annex

Village of Wampsville

1. Contacts

The contacts for the Village of Wampsville regarding this plan are identified as follows:

- Jerry Seymour – Mayor
Address: 118 N. Court St. PO Box 51, Wampsville, NY 13163
Phone: 315-363-5810
Email: jerryseymourjr@gmail.com

Village Website: <https://www.wampsvillecny.org/index.html>

2. Municipal Profile

2.1 Population

The 2020 Census estimated that 573 people live in the Village of Wampsville. The Village's population has increased by 5.52% since the 2010 Census (543) (U.S. Census Bureau, 2020). The median age in the Village is 40.4 years and 15.9% of the population is over 65. The Village is approximately one square mile. The Village has an equalized assessed value of approximately 46 million dollars spread across a variety of property classes.

2.2 Location

The Village of Wampsville is located within the Town of Lenox in the northern portion of Madison County. Major transportation routes in the Village include State Route 5, North Court Street, and South Court Street. The Village of Wampsville is shown in Figure 1 (Attachment A).

2.3 Governing Body

The Village of Wampsville is governed by a five-member Board of Trustees, which includes the Mayor, Deputy Mayor, and three trustees.

2.4 Recent and Anticipated Future Development

Since the last County HMP (2017), an expansion at Empire Farms Greenhouse was completed in 2019. In addition, the County is proposing a sanitary sewer extension to serve the entire County Office Complex, which is located within the Village. No new development has occurred in the Special Flood Hazard Area, and the reported developments have not changed the Village's vulnerability to natural hazards.

3. Capability Assessment

3.1 Planning and Regulatory Capability

The Village has considered the 2017 HMP when implementing their existing plans and regulations and progressing projects. The Village's HMP update will be incorporated into and referenced by future updates of the plans, policies, ordinances, programs, studies, and reports listed in Table 1, below.

| Table 1. Planning Mechanisms and Capabilities | | |
|---|-----------------------|--------------------------------------|
| Planning Mechanism | Village of Wampsville | Notes |
| Administration | | |
| Maintenance Programs | Yes | |
| Mitigation Planning Committee | Yes | |
| Mutual Aid or Shared Services Agreements | Yes | |
| Planning Board | Yes | |
| Zoning Board | Yes | |
| Development Approvals | | |
| Building Code | Yes | |
| Building Code Effectiveness Grading Schedule (BCEGS) Evaluation | No | |
| Fire Department ISO Rating | | |
| Site Plan Review Requirements | Yes | |
| Special Use Permits | Yes | |
| Funding Resources | | |
| Authority to Levy Taxes | Yes | |
| Capital Improvement Project Funds | Yes | |
| Federal Funding Programs (i.e., USDA, FEMA, others) | Yes | |
| General Obligation Bonds and/or Special Tax Bonds | Yes | |
| Impact Fees for New Development | No | |
| State Funding Programs (i.e., NYSEFC, NYSOCR, NYSDEC, others) | Yes | |
| Utility Fees (i.e., water, sewer, stormwater, gas, electric) | No | |
| Land Use Regulations | | |
| Density Controls | Yes | Minimum lot size according to zoning |
| Flood Insurance Rate Maps | Yes | |
| Floodplain Ordinance | Yes | |
| Hillside Development Regulations | No | |
| Open Space Preservation | No | |
| Stormwater Management Regulations | Yes | State Regulations Apply |

| Table 1. Planning Mechanisms and Capabilities | | |
|---|-----------------------|---|
| Planning Mechanism | Village of Wampsville | Notes |
| Streambank Setback Regulations | Yes | State Health dept. rules for septic |
| Subdivision Regulations | Yes | |
| Transfer of Development Rights | No | |
| Zoning Ordinance | Yes | |
| Natural Resources | | |
| Forest/Vegetation Management | No | |
| Stream Corridor Management | No | |
| Stream Dumping Regulations | Yes | State rules apply |
| Urban Forestry and Landscape Management | No | |
| Watershed Management | Yes | Oneida Lake Program |
| Wetland Regulations | Yes | State and Federal rules apply |
| Plans | | |
| Capital Improvement Plan | No | |
| Comprehensive Emergency Management Plan | No | County has a CEMP in place |
| Comprehensive Plan | Yes | In progress to approve summer 2022 |
| Continuity of Operations Plan | No | County has a COOP in place |
| Economic Development Plan | Yes | Included in Comprehensive Plan |
| Other Plans (specify) | Yes | Adopted Public Health Plan in response to COVID-19 pandemic (required by NYS) |
| Programs/Organizations | | |
| Climate Smart Community | No | |
| Local Emergency Preparedness/Disaster Response Organizations | Yes | Wampsville Fire Department, Greater Lenox Ambulance |
| Local Environmental Protection Organizations | No | |
| National Weather Service StormReady Certification | No | |
| Outreach Programs | Yes | Education of Elected to NIMS Standards |
| Partnerships with private entities addressing mitigation or disaster response | No | |
| School Programs or Adult Educational Programs | Yes | Fire safety education |
| Staff Positions | | |
| Civil Engineer | No | Contract out as needed |
| Code Enforcement Officer | No | Town of Lenox Code Enforcement Officer covers Village |
| Emergency Manager | Yes | Mayor |
| Floodplain Administrator | Yes | Town of Lenox Code Enforcement Officer |
| Planner/GIS Coordinator | No | County assists |

| Table 1. Planning Mechanisms and Capabilities | | |
|---|-----------------------|--|
| Planning Mechanism | Village of Wampsville | Notes |
| Technical Abilities | | |
| Grant Writing | Yes | Assistance from Village Trustee or contracted out |
| Hazard Information Centers | No | |
| Hazard Warning Systems | Yes | Fire Department siren, electronic message board at Village Office/FD |

3.2 Emergency Communications, Routes, and Shelters

The Village of Wampsville shares emergency communications on their website and electronic message board. The Village is also covered by Madison County's emergency notification system. Major transportation routes within the Village include State Route 5, North Court Street, and South Court Street. The Village's emergency shelter locations are summarized in Table 2, below.

| Table 2. Emergency Shelters | | | | | | |
|---|---|------------------------------|---------------------------|-------------------|-------------------|------------------------|
| Facility | Address | Owner/ Occupant | Support medical needs? | ADA Compliant? | Pets accepted? | Notes |
| Village of Wampsville Fire Dept. and Village Office | 118 North Court Street, Wampsville, NY 13163 | Village of Wampsville | Yes | Yes | Yes | Backup power available |
| New Beginnings Church | 227 Genesee Street, Wampsville, NY 13163 | Oneida Free Methodist Church | Yes | Yes | No | No backup power |

3.3 Temporary and Permanent Housing Locations

The potential temporary and permanent housing locations listed below were identified for displaced residents in the Village of Wampsville based on the 2017 NYS Hazard Mitigation Planning Standards. It is noted that formal agreements would need to be established in order to use privately owned properties.

- **Potential Temporary Housing Locations**
 - Fireman's Field - off West Elm Street
 - Open space at Otto Shortell Middle School - 200 Markell Dr, Wampsville, NY 13163
- **Potential Permanent Housing Locations**
 - Privately owned vacant land throughout Village (coordination required with landowners for potential property purchase or subdivisions) - several lots currently undeveloped

4. Hazard Vulnerabilities and Ranking

4.1 Risk Assessment

The Village reviewed multiple natural hazards to include in the HMP update. The hazard analysis criteria is summarized in Table 3. The Village's natural hazard analysis results are provided in Table 4.

| Table 3. Hazard Analysis Criteria | | | | | | |
|-----------------------------------|-------------------|------------------|---------------------------|------------|-------------|-----------------------|
| Score | Extent | Onset | Impact | Frequency | Total Score | Overall Vulnerability |
| 1 | One location | Days of warning | Minor damages/injuries | Rare | 4 to 5 | Low |
| 2 | Several locations | Hours of warning | Moderate damages/injuries | Infrequent | 6 to 8 | Moderate |
| 3 | Large area | No warning | Severe damages/injuries | Regular | 9 to 12 | High |

| Table 4. Natural Hazard Vulnerability and Risk Assessment | | | | | | |
|---|--------|-------|-----------------------------|-----------|---------------------------------------|-------------------|
| Hazard Event | Extent | Onset | Impact (Damages and Injury) | Frequency | Total Score and Overall Vulnerability | Jurisdiction Rank |
| Severe Thunderstorm/Wind/Hail | 3 | 1 | 1 | 3 | 8 - Moderate | 1 |
| Severe Winter Storm | 3 | 1 | 1 | 3 | 8 - Moderate | 2 |
| Ice Storm | 3 | 1 | 1 | 3 | 8 - Moderate | 3 |
| Extreme Temperatures | 3 | 1 | 1 | 3 | 8 - Moderate | 4 |
| Tornado | 2 | 2 | 3 | 1 | 8 - Moderate | 5 |
| Earthquake | 3 | 3 | 1 | 1 | 8 - Moderate | 6 |
| Drought | 3 | 1 | 1 | 1 | 6 - Moderate | 7 |
| Flood | 1 | 2 | 1 | 1 | 5 - Low | 8 |

4.2 Critical Facilities

Critical facilities include any facility that is critical for emergency response or that requires special emergency response in the event of hazardous incidents as identified by the Village of Wampsville. Table 5, below, denotes the types and locations of critical facilities within the Village. Critical facilities are shown on Figure 1 (Attachment A).

| Table 5. Critical Infrastructure in the Village of Wampsville | | |
|--|------------------------|------------------------------|
| Facility Name | Address | Located in Floodplain |
| Madison County Highway Dept. | 139 N Court Street | No |
| Madison County Office Complex and Radio Tower Site 2 | 138 North Court Street | No |
| New Beginnings Church | 227 Genesee Street | No |
| Otto Shortell Middle School | 200 Markell Drive | 100-year |
| Wampsville Fire Department and Village Office | 118 North Court Street | No |

5. Priority Hazard Events

The following sections detail the priority hazard events identified by the jurisdiction. Additional information about each hazard including frequency, history, and severity within Madison County is included within Section 5.0 of the main body of the Hazard Mitigation Plan. Historical tornado and earthquake records are reported for the last ten years (2012-2022). All other hazard profiles report events that have occurred in the last five years (2017-2022).

The probability of climate-related hazard events is expected to increase in the future within the Village of Wampsville. Climate change is expected to cause an increase in weather volatility, rising sea level, and greater temperature extremes.

Past occurrences of hazard events are indicated in their respective profiles below. Some hazards do not have historical records, but they were profiled for future mitigation planning consideration. The Village of Wampsville chose not to profile ice jam, wildfire, or landslide in their annex even though these hazards were profiled for the County. The Village does not have a history of nor do they have any significant concerns regarding these hazards.

5.1 Severe Thunderstorm, Windstorm, or Hail

5.1.1 *Description*

For a description of these hazards, please see Section 5.1 of the main body of the plan.

5.1.2 *Hazard Vulnerability*

The Village's overall vulnerability for a severe thunderstorm, windstorm, or hail event is moderate, as documented in their hazard analysis in Section 4.1. The entire Village is susceptible to damages from a severe thunderstorm, windstorm, or hail event. Fallen trees from severe winds can damage overhead utility lines, resulting in power outages. In addition, these events are likely to result in damages to private and public infrastructure and property. Damages to the Village's critical infrastructure or primary transportation routes (State Route 5, N Court Street, S Court Street) would be most impactful to Village residents. The Village does not have a standalone Department of Public Works. The Town of Lenox Highway

Department completes highway and right-of-way maintenance within the Village. Private utility companies complete tree maintenance within utility corridors.

5.1.3 Historical Hazard Occurrences and Damage Estimates

The NCDC did not report any specific severe storm events that occurred in the Village of Wampsville within the past five years. The Village reports severe storm events typically result in only minor damages.

5.1.4 Future Potential Impacts

The Village's overall vulnerability for a severe thunderstorm, windstorm, or hail event remains moderate. The Town of Lenox Highway Department and private utility companies will continue to address tree maintenance along roads and utility corridors to mitigate potential storm damages. The frequency and magnitude of severe storm events may increase due to climate change.

5.2 Severe Winter Storm

5.2.1 Description

For a description of this hazard, please see Section 5.3 of the main body of the plan.

5.2.2 Hazard Vulnerability

The Village's overall vulnerability for a severe winter storm is moderate, as documented in their hazard analysis in Section 4.1. The entire Village of Wampsville is susceptible to damages from a severe winter storm event. The Village works with the Town of Lenox Highway Department to clear Village streets during heavy snow events. The Village works with the Madison County Highway Department and NYS Department of Transportation for clearing of other roadways. Roadway safety is a major concern during severe winter storm events. Damages to the Village's critical infrastructure or primary transportation routes would be most impactful to Village residents.

5.2.3 Historical Hazard Occurrences and Damage Estimates

The Village of Wampsville has been affected by a number of severe winter storm events reported for Madison County, which are described in Section

5.3 of the main body of the plan. These storms typically affect more than one area within the County. The NCDC does not report any winter storm damage estimates specific to the Village of Wampsville.

5.2.4 Future Potential Impacts

The Village's overall vulnerability for a severe winter storm remains moderate. The Town of Lenox Highway Department and private utility companies will continue to address tree maintenance along roads and utility corridors to mitigate potential storm damages. The severity and frequency of severe winter storms may increase due to climate change.

5.3 Ice Storm

5.3.1 Description

For a description of this hazard, please see Section 5.7 of the main body of the plan.

5.3.2 Hazard Vulnerability

The Village's overall vulnerability for an ice storm is high, as documented in their hazard analysis in Section 4.1. An ice storm typically affects most or all of the County. The entire Village of Wampsville is susceptible to damages from an ice storm event. Damages to the Village's critical infrastructure or primary transportation routes would be most impactful to Village residents. The Town of Lenox Highway Department completes tree maintenance within Village road right of ways to minimize potential damages to overhead utility lines, which is common during ice storms. Private utility right of ways are generally maintained by the individual utility companies.

5.3.3 Historical Hazard Occurrences and Damage Estimates

The NCDC reports one ice storm in Madison County within the past five years, which was reported for the entire County. This event occurred on February 10, 2021 and is described in Section 5.7 of the main body of the plan. No damage estimates related to ice storms are reported specific to the Village of Wampsville. The Village reports ice storm events typically result in only minor damages. Damages to the Village's critical infrastructure or primary evacuation routes would be most impactful to Village residents.

5.3.4 *Future Potential Impacts*

The Village's overall vulnerability for an ice storm remains high. The Town of Lenox Highway Department and private utility companies will continue to address tree maintenance along roads and utility corridors to mitigate potential storm damages.

5.4 **Extreme Temperatures**

5.4.1 *Description*

For a description of this hazard, please see Section 5.6 of the main body of the plan.

5.4.2 *Hazard Vulnerability*

The Village's overall vulnerability for an extreme temperature event is moderate, as documented in their hazard analysis in Section 4.1. Extreme temperatures typically affect most or all of the County, and the entire Village of Wampsville is susceptible to this hazard. Extreme temperature events tend to have greater impacts on vulnerable populations, including older adults (over 65 years), young children (under 5 years), people with health problems, or people who cannot afford to sufficiently heat or cool their homes. Approximately 4% of the population in the Village is under 5 years old, and 15.9% of the population is over 65 years old. Approximately 3.1% of the Village's population is below the poverty level. These populations are at a higher risk of being impacted by extreme temperature events.

5.4.3 *Historical Hazard Occurrences and Damage Estimates*

The NCDC reports three extreme temperatures in Madison County within the past five years. Each of these events was an extreme cold/wind chill reported countywide. Details of these events are described in Section 5.5 of the main body of the plan. No damage estimates related to extreme temperatures are reported specific to the Village of Wampsville.

5.4.4 *Future Potential Impacts*

The Village's overall vulnerability for an extreme temperature event remains moderate. Extreme temperatures are likely to increase in frequency and extremity in the future due to climate change.

5.5 Tornado

5.5.1 *Description*

For a description of this hazard, please see Section 5.8 of the main body of the plan.

5.5.2 *Hazard Vulnerability*

The Village's overall vulnerability for a tornado is moderate, as documented in their hazard analysis in Section 4.1. The entire Village of Wampsville is susceptible to damages from a tornado. A tornado can result in severe damage to homes, over-turned automobiles and leveling of utility lines. This event is highly likely to result in damages to private and public infrastructure and property. Topography within the Village is generally flat to gently sloping. A tornado could form a longer pathway in this area compared to other portions of the County that have more varied topography.

5.5.3 *Historical Hazard Occurrences and Damage Estimates*

Three tornados have occurred in Madison County within the past ten years, but none of these records occurred in the Village of Wampsville. There are no damage estimates related to tornados specific to the Village.

5.5.4 *Future Potential Impacts*

The Village's overall vulnerability for a tornado remains moderate. Damages from a tornado event can be devastating, and the frequency and magnitude of tornado events may increase due to climate change.

5.6 Earthquake

5.6.1 *Description*

For a description of this hazard, please see Section 5.5 of the main body of the plan.

5.6.2 *Hazard Vulnerability*

The Village's overall vulnerability for an earthquake is moderate, as documented in their hazard analysis in Section 4.1. According to Figure 5.8 of the main body plan, the Village of Wampsville has a PGA Hazard rating of 8-10%g. No earthquakes have been reported by the USGS Earthquake Catalog for the Village. An earthquake could impact any location within the Village, though historically, the Village has not experienced significant earthquake damages. Earthquakes that damage the Village's critical infrastructure or emergency evacuation routes would result in the most significant impacts to the Village and its residents.

5.6.3 *Historical Hazard Occurrences and Damage Estimates*

According to the USGS Earthquake Catalog, there are no historical records of earthquakes occurring specifically in the Village of Wampsville. An earthquake has the potential to cause hundreds of thousands of dollars in damages.

5.6.4 *Future Potential Impacts*

The Village's overall vulnerability for an earthquake remains moderate. The Village of Wampsville is within an area of light seismic activity, and is not likely to experience significant earthquake damages.

5.7 Drought

5.7.1 *Description*

For a description of this hazard, please see Section 5.9 of the main body of the plan.

5.7.2 Hazard Vulnerability

The Village's overall vulnerability for drought is moderate, as documented in their hazard analysis in Section 4.1. Agricultural areas are the most susceptible to drought impacts. There are several agricultural properties present throughout the Village; most are in the southern part of the Village. Developed properties in the Village are connected to the City of Oneida's municipal water system, which reduces the risk of drought-related water supply issues for residents. The City's water system is supplied by a reservoir in Oneida County; they do not rely on groundwater wells.

5.7.3 Historical Hazard Occurrences and Damage Estimates

The NCDC reports no specific drought events for the Village of Wampsville. The Village also did not note any local records of past drought events. There are no damage estimates available for this hazard.

5.7.4 Future Potential Impacts

The Village's overall vulnerability for drought remains moderate. Agricultural lands within the Village will be the most susceptible in the future, but these properties are limited. Residents are not likely to experience drought-related water supply issues because they are served by public water from the City of Oneida. Drought events are likely to increase in frequency and magnitude in the future due to climate change.

5.8 Flood

5.8.1 Description

For a description of this hazard, please see Section 5.2 of the main body of the plan.

5.8.2 Hazard Vulnerability

The Village's overall vulnerability for a flood is low, as documented in their hazard analysis in Section 4.1. The Village is drained by a tributary of Cowaselon Creek. FEMA provides flood insurance rate maps for the Village of Wampsville. The 100-year floodplain corresponds with areas that are at high

risk for flooding (1% likely to flood any given year), and areas within a 500-year floodplain are at moderate flood risk (0.2% likely to flood in any given year). Figure 1 (Attachment A) shows FEMA mapped 100-year and 500-year floodplains within the Village. Table 6 summarizes the amount of land within the Village of Wampsville that is located within 100-year and 500-year floodplains, as mapped by FEMA. Otto Shortell Middle School is located in the mapped 100-year floodplain.

| Table 6. Summary of Areas in Floodplains <i>(Source: FEMA Q3 Digital Floodplain Data, 1996)</i> | | |
|---|------------------------------|----------------------------|
| Village of Wampsville Total Area | Percent of Total Area | |
| | 100-Year Floodplain | 500-Year Floodplain |
| 660.1 acres | 5.3% | 0% |

5.8.3 Historical Hazard Occurrences and Damage Estimates

According to the NCDC, in the past five years, no flood records were noted to specifically impact the Village of Wampsville. The Village reported local records of localized flooding issues along Christina Court and Daniels Drive. Flooding issues in these locations are caused by inadequate stormwater drainage. Although Otto Shortell Middle School is located in the mapped floodplain, no flood damages have occurred at this facility to date.

As described in Section 6.0 of this annex, NFIP loss claims data were requested from FEMA and a response is pending. According to the County's 2017 HMP, there are no repetitive loss properties in the Village.

5.8.4 Future Potential Impacts

The Village's overall vulnerability for a flood remains low. Properties along the tributary to Cowaselon Creek remain vulnerable to flooding in the future. The Village typically experiences stormwater-related flooding due to poor drainage rather than riverine flooding along the stream corridor. The Village included two stormwater drainage-related mitigation actions in the HMP update to address these issues. Once implemented, these projects will reduce the Village's vulnerability to flood damages. These projects are detailed in Section 7 of this annex. The frequency and magnitude of flood events may increase due to climate change.

6. National Flood Insurance Program

Long-term mitigation of potential flood impacts can be best achieved through comprehensive floodplain management regulations and enforcement at a local level. The National Flood Insurance Program (NFIP), regulated by FEMA, aims to reduce the impact of flooding on private and public structures by providing affordable insurance for property owners. The program encourages local jurisdictions to adopt and enforce floodplain management regulations in order to mitigate the potential effects of flooding on new and existing infrastructure (FEMA, 2015).

Communities that participate in the NFIP adopt floodplain ordinances. If an insured structure incurs damage costs that are over 50% of its market value, the owner must comply with the local floodplain regulations when repairing or rebuilding the structure. A structure could be rebuilt at a higher elevation, or it could be acquired and demolished by the municipality or relocated outside of the floodplain. Insured structures that are located within floodplains identified on FEMA's Flood Insurance Rate Maps (FIRMs) may receive payments for structure and content losses if impacted by a flood event.

The NFIP and other flood mitigation actions are important for the protection of public and private property and public safety. Flood mitigation is valuable to communities because it:

- Creates safer environments by reducing loss of life and decreasing property damage;
- Allows individuals to minimize post-flood disaster disruptions and to recover quicker (homes built to NFIP standards generally experience less damage from flood events, and when damage does occur, the flood insurance program protects the homeowner's investment); and
- Lessens the financial impacts on individuals, communities, and other involved parties (FEMA, 2015).

The Village of Wampsville currently participates in the NFIP (community ID 361485). The Village joined the NFIP on 1/31/1983, however, there are no special flood hazard areas mapped in the Village. NFIP loss claims data were requested from FEMA and a response is pending. According to the County's 2017 HMP, there are no repetitive loss properties in the Village. More current repetitive loss data from FEMA is pending. The Village will continue to comply with the NFIP by enforcing floodplain management requirements

and regulating new development in Special Flood Hazard Areas, among other required duties.

7. Mitigation Strategy and Prioritization

7.1 Past, Completed, and Ongoing Initiatives









The Village proposed three mitigation actions in the Madison County HMP, and the status of each action is summarized in Table 7, below. None of the Village's 2017 mitigation actions were re-included for the 2022 update.

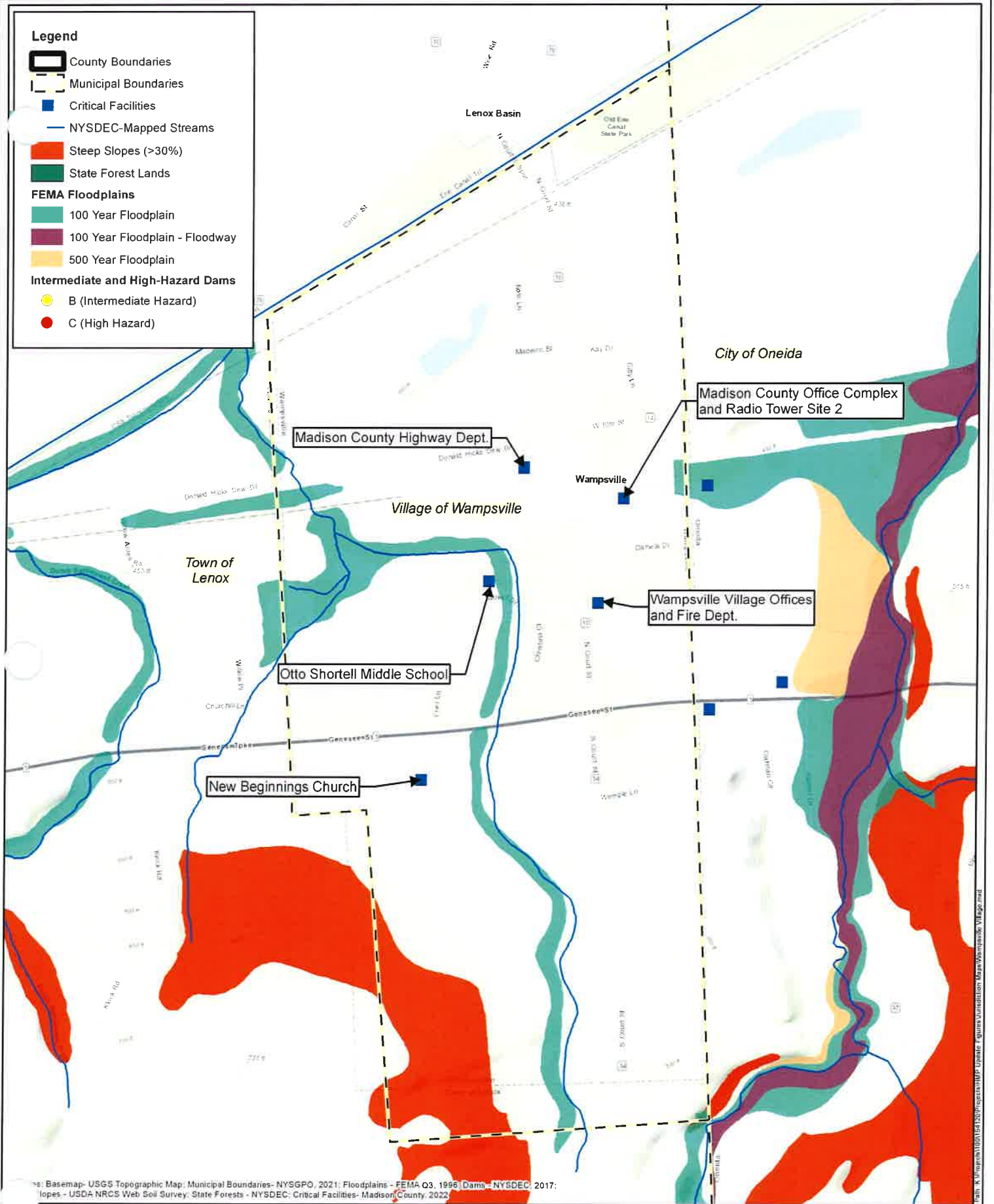
| Table 7. Status of 2017 Mitigation Actions <i>Village of Wampsville</i> | | | | |
|--|---|----------------------------|--|---|
| Project Name | Description | Hazard(s) Mitigated | Lead Agency | Status |
| Kay Drive Dry Well | By installing a dry well, water pumped from basement sump pumps would be collected at a central point where it will filter into the ground at a location that wouldn't infiltrate back into basement walls. | Flood | Village of Wampsville Village Board | Not progressed- no longer a priority. Not re-included for HMP update. |
| Stream Channel Excavation behind Christina Drive | Reduce restrictions preventing storm water from flowing in the area of Christina Drive in the Village of Wampsville. | Flood | Village of Wampsville & Madison County Highway Dept. | In progress; not re-included for HMP update. |
| Standby Generator for fire department and village offices | Equip the fire station with a natural gas fueled standby generator and automatic transfer switch. This would support fire department operations, especially during prolonged power outages. | All | Village of Wampsville Board/Fire Department | Completed; funded by grant. |

Attachment A

Figure 1, Mitigation Action Worksheets, and STAPLEE Worksheet

Legend

-  County Boundaries
-  Municipal Boundaries
-  Critical Facilities
-  NYSDEC-Mapped Streams
-  Steep Slopes (>30%)
-  State Forest Lands
- FEMA Floodplains**
 -  100 Year Floodplain
 -  100 Year Floodplain - Floodway
 -  500 Year Floodplain
- Intermediate and High-Hazard Dams**
 -  B (Intermediate Hazard)
 -  C (High Hazard)



Basemap: USGS Topographic Map; Municipal Boundaries: NYSGPO, 2021; Floodplains: FEMA Q3, 1996; Dams: NYSDEC, 2017; Slopes: USDA NRCS Web Soil Survey; State Forests: NYSDEC; Critical Facilities: Madison County, 2022

**Barton
& Loguidice**



0 500 1,000 2,000 Feet

Village of Wampsville

Hazard Vulnerability

Madison County

July 2022

New York

Figure

1

Project
No.
154.120

Madison County HMP Update Mitigation Action Worksheet

Jurisdiction: Village of Wampsville

| Mitigation Action | |
|------------------------------|--|
| Project ID: | Wampsville 1 |
| Project Name: | Christina Court Drainage Improvements |
| Risk/Vulnerability | |
| Hazard of Concern: | Flood |
| Description of the Problem: | The Village experiences recurring flood issues on Christina Court due to poor stormwater drainage. Currently, this road only has open roadside ditches to convey stormwater. |
| Proposed Action | |
| Description of the Solution: | Install a new closed stormwater drainage system (storm sewers, catch basins) to more effectively convey stormwater and reduce flooding. |

Is this project related to a Critical Facility? ☐ Yes ☒ No

(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater)

| | | | |
|----------------------|-----------|--------------------------------------|--|
| Level of Protection: | High | Estimated Benefits (losses avoided): | Improved stormwater drainage and reduced flood issues. |
| Useful Life: | 30+ years | | |
| Estimated Cost: | \$15,000 | | |

| Plan for Implementation | | | |
|---------------------------------------|---------|---|--|
| Priority (High, Medium, Low): | High | Responsible Organization: | Wampsville Village Board, Town of Lenox Highway Department |
| Desired Timeframe for Implementation: | 2 years | Potential Funding Sources: | Village Budget, ARPA |
| Estimated Time Required to Implement: | 1 year | Local Planning Mechanisms to be used in Implementation, if any: | None |

| Three Alternatives Considered (Including No Action) | | | |
|---|--|----------------|--|
| | Action | Estimated Cost | Evaluation |
| Alternatives: | No Action | \$0 | No change; recurring flood issues will continue. |
| | Install larger cross culvert pipes beneath driveways | \$5,000 | May help improve drainage but doesn't address ditch capacity |
| | Install closed drainage system | \$15,000 | Most comprehensive solution |

| Progress Report (for Plan Maintenance) | |
|--|--|
| Date of Status Report: | |
| Summary of Progress: | |
| Evaluation of the Problem and/or Solution: | |

Madison County HMP Update Mitigation Action Worksheet

Jurisdiction: Village of Wampsville

| Mitigation Action | |
|-------------------------------------|---|
| Project ID: | Wampsville 2 |
| Project Name: | Daniels Drive Drainage Improvements |
| Risk/Vulnerability | |
| Hazard of Concern: | Flood |
| Description of the Problem: | The Village experiences recurring localized flooding issues due to poor stormwater drainage on Daniels Drive during heavy rain events. This road currently has closed stormwater drainage infrastructure, but it is in need of improvements to better convey high stormwater flows. |
| Proposed Action | |
| Description of the Solution: | Install new closed stormwater drainage system (larger storm sewers, replacement catch basins) to improve stormwater conveyance. |

Is this project related to a Critical Facility? ☐ Yes ☒ No

(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater)

| | | | |
|----------------------|-----------|---|----------------------|
| Level of Protection: | High | Estimated Benefits (losses avoided): | Reduced flood issues |
| Useful Life: | 30+ years | | |
| Estimated Cost: | \$15,000 | | |

| Plan for Implementation | | | |
|---------------------------------------|--------|---|--|
| Priority (High, Medium, Low): | High | Responsible Organization: | Wampsville Village Board, Town of Lenox Highway Department |
| Desired Timeframe for Implementation: | 1 year | Potential Funding Sources: | Village Budget, ARPA |
| Estimated Time Required to Implement: | 1 year | Local Planning Mechanisms to be used in Implementation, if any: | None |

| Three Alternatives Considered (Including No Action) | | | |
|---|---|-------------------------------|---|
| | Action | Estimated Cost | Evaluation |
| Alternatives: | No Action | \$0 | No change; recurring flood issues will continue. |
| | Replace stormwater sewer lines and catch basins as needed when issues arise | \$10K or more each occurrence | Reactive approach |
| | Complete a stormwater drainage improvements project along Daniels Drive | \$15,000 | Targets larger area, best way to mitigate future issues |

| Progress Report (for Plan Maintenance) | |
|--|--|
| Date of Status Report: | |
| Summary of Progress: | |
| Evaluation of the Problem and/or Solution: | |