9.16 City of Mechanicville

This section presents the jurisdictional annex for the City of Mechanicville. The city provided the following updates that were incorporated into this annex:

- Jurisdictional Annex Update Form (Contact Information, Profile, and Capability Assessment)
- Hazard Ranking
- NYS Mitigation Action Worksheets

9.16.1 Hazard Mitigation Plan Point of Contact

Primary Point of Contact	Alternate Point of Contact
Dennis Baker, Mayor 36 North Main Street; Mechanicville, NY 12118 (518) 664 – 8331 dennis.baker@mechanicvilleny.gov	John Dunn, Fire Chief 36 North Main Street; Mechanicville, NY 12118 (518) 879 - 6546

9.16.2 City Profile

Population

5,169 (American Community Survey 5-Year 2016 Estimates)

Location

The City of Mechanicville is the principal city in Saratoga County. The city borders the Towns of Halfmoon, of which it was once a part, and Stillwater in the County, and the Town of Schaghticoke, in Rensselaer County. Mechanicville is on the west bank of the Hudson River at the influx of Anthony Kill. US Route 4, and conjoined New York State Route 32 are north-south highways through Mechanicville. New York State Route 67 intersects NY-32 and US-4 in the city. County Roads 75 and 1345 also lead into the city.

According to the U.S. Census Bureau, the city has a total area of 0.9 square miles, with 0.8 square miles of it land and 0.1 square miles (8.79-percent) of its water.

Climate

Saratoga County, with all its municipalities, generally experiences seasonable weather patterns characteristic of the northeastern U.S. Warm summers are typically experienced, with occasional high temperatures and humidity. Midsummer temperatures typically range from 60°F to 83°F (Fahrenheit). The winters of Saratoga County are long and cold, with temperatures typically

ranging from 12°F to 30°F (Fahrenheit). During the winter, temperatures are cooler than the temperatures in areas located near large bodies of water. Snow accumulates to an average depth of 68.7 inches each year.

Brief History

The first European settlers on the Tenendeho Creek in the area of today's Mechanicville arrived in 1764. The first documented occurrence of the name "Mechanicville" dates back to 1829. The name comes from the early settlers, who were independent master craftsmen such as millers, carpenters, or butchers, whose professions were commonly known as the "mechanical arts" at the time. When the Champlain Canal reached the settlement in 1823, and especially when the Saratoga and Rensselaer Railway laid a track through the area in 1835, Mechanicville became an important commerce interchange. The community became an incorporated village in 1859, when it had about 1000 inhabitants. It grew rapidly as textile mills; factories and a linen thread company came to Mechanicville.

In 1878, additional railways came to the village, and it became an important center of papermaking. In 1898, a hydroelectric power plant was built on the Hudson River by Robert Newton King, and is now the oldest continuously-operating hydroelectric plant in the United States. By 1900, it was a major transfer yard and car repair center for the railways. In the 1920s, Mechanicville had a population of nearly 10,000. Mechanicville became a city in 1915. With the decline of the railroads, Mechanicville also suffered. The largest paper mill in the world which Mechanicville had once hosted (in 1904), ceased operations in 1971. The once thriving industry city is today a quiet residential city, with most inhabitants working in Albany, Schenectady, and other nearby communities.

Governing Body Format

The Mechanicville City Government is a commission form of government, consisting of a Mayor, Commissioner of Accounts, Commissioner of Finance, Commissioner of Public Works, and the Commissioner of Public Safety.

Growth/Development Trends

Table 9.16-1 New and Potential Development in City of Mechanicville

Property Name	Type Residential or Commercial	Number of Structures	Address	Block and Lot	Description/Status
Esplanade	New Mixed-Use	7	260 North Main Street	262.38-1-3	Mixed Use Hamlet Housing, Retail and Offices
Mechanicville Industrial Park	Potential Lite Industrial	1-20	4 Industrial Park Road	261.51-1-2	Small Warehouses and Businesses

Property Name	Type Residential or Commercial	Number of Structures	Address	Block and Lot	Description/Status
Edna Avenue	Homes	12	51, 53, 55, 57, 59, 61, 70, 72, 74, 76 Edna Ave	268.37-1.79	Residential Homes
Larkspur Avenue	Proposed Homes	11	Not Yet Available	268.45-1-7	Residential Homes
Old Joyces Lot	Retail	1 Building 5 Offices	61 North Main Street	262.61-2-8.1 & 262.61-2-8.2	Office Complex
Old Cavata Lot	Homes	3	189 North Main Street	262.46-1-4	Residential Homes
McBride Lot	Proposed Office Building	1	92 North Main Street	262.54-3-6	Offices/Apartments

9.16.3 City-Specific Hazard Information

Detailed hazard event histories can be found in the Previous Occurrences and Losses sections of each hazard profile in Section 5. Table 9.16-2 summarizes the City of Mechanicville's ranking of the hazards based on probability of occurrence and impacts to the town. The City of Mechanicville ranked extreme temperature low risk, compared to the County that ranked this hazard a high risk. The City does not perceive extreme temperatures to have a large impact on their population, property, or economy at this time. The County, however, perceives much larger impacts from this hazard on the population as well as the economy.

Table 9.16-2 City of Mechanicville Hazard Ranking

Rank #	Hazard Type	Probability of Occurrence	Risk Ranking Score[a]	Hazard Ranking[b]	County Hazard Ranking[b]
3	Drought	Rare	6	Low	Low
3	Earthquake	Rare	6	Low	Low
3	Extreme Temperature	Rare	6	Low	High
2	Flood (riverine, flash, coastal and urban flooding)	Infrequent	24	High	High
3	Ground Failure	Rare	6	Medium	Medium
3	Invasive Species	Rare	6	Medium	Medium
1	Severe Storm (windstorms, thunderstorms, hail, lightning and tornados)	Regular	54	High	High
1	Severe Winter Storm (heavy snow, blizzards, ice storms)	Regular	54	High	Medium
3	Wildfire	Rare	6	Low	Low

Rank #	Hazard Type	Probability of Occurrence	Risk Ranking Score[a]	Hazard Ranking[b]	County Hazard Ranking[b]

a. Risk ranking score = Probability x Impact
b. High = Total hazard priority risk ranking score of 31 and above; Medium = Total hazard priority risk ranking of 16-30; and Low = Total hazard risk ranking below 15

9.16.4 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Legal and regulatory capability;
- Administrative and technical capability;
- Fiscal capability; and,
- Community classification.

Legal and Regulatory Capability

Table 9.16-3 Legal and Regulatory Capability of the City of Mechanicville

Regulatory Tools (Codes, Ordinances, Plans)	Local Authority (Y or N)	Prohibitions (State or Federal) (Y or N)	Higher Jurisdictional Authority (Y or N)	State Mandated (Y or N)	Code Citation (Section, Paragraph, Page Number, date of adoption)
1) Building Code	Y	N	Y	Y	NYS Building Code 2007
2) Zoning Ordinance	Y	Y	Y	N	20001, 11-1968
3) Subdivision Ordinance	Y	N	N	N	111-14 Mechanicville City Code
4) NFIP Flood Damage Prevention Ordinance(if you are in the NFIP, you must have this.)	Y	Y	Y	Y	Mechanicville City Code, Chapter 111, adopted 07-1995
5) Growth Management	Y	Y	Y	N	Not provided
6) Floodplain Management / Basin Plan	Y	Y	Y	N	Mechanicville City Code, Chapter 111, adopted 07-1995
7) Stormwater Management Plan/Ordinance	Y	N	N	Y	Not provided
8) Comprehensive Plan / Master Plan/ General Plan	Y	N	N	N	Not provided
9) Capital Improvements Plan	Y	N	N	N	Not provided
10) Site Plan Review Requirements	Y	Y	Y	N	Planning Board
11) Open Space Plan	Y	N	N	N	Green Space Planning

Regulatory Tools (Codes, Ordinances, Plans)	Local Authority (Y or N)	Prohibitions (State or Federal) (Y or N)	Higher Jurisdictional Authority (Y or N)	State Mandated (Y or N)	Code Citation (Section, Paragraph, Page Number, date of adoption)
12) Economic Development Plan	Y	Y	Y	N	City of Mechanicville Revitalization Plan
13) Emergency Response Plan	Y	Y	Y	Y	City of Mechanicville, 1998
14) Post Disaster Recovery Plan	Y	N	N	N	Not provided
15) Post Disaster Recovery Ordinance	Y	N	N	N	Not provided
16) Real Estate Disclosure req.	N	N	N	N	Not provided
17) Other [Special Purpose Ordinances (i.e., critical or sensitive areas)]	Y	Y	Y	N	Not provided

Administrative and Technical Capability

Table 9.16-4 Administrative and Technical Capability of the City of Mechanicville

Staff/ Personnel Resources	Available (Y or N)	Department/ Agency/Position
1) Planner(s) or Engineer(s) with knowledge of land development and land management practices	Y	Not provided
2) Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Barton and Logutis
3) Planners or engineers with an understanding of natural hazards	Not provided	Not provided
4) NFIP Floodplain Administrator (if you are in the NFIP, you must have one.)	Not provided	John Holland, City of Mechanicville, Building and Code Enforcement
5) Surveyor(s)	N	Not provided
6) Personnel skilled or trained in “GIS” applications	Y	Chief MFD John Dunn
7) Scientist familiar with natural hazards in the City of Mechanicville.	N	Not provided
8) Emergency Manager	Y	Bruce Lynch, Mechanicville Fire Department
9) Grant Writer(s)	Not provided	Not provided

Staff/ Personnel Resources	Available (Y or N)	Department/ Agency/Position
10) Staff with expertise or training in benefit/cost analysis	Y	DPW Commissioner

Fiscal Capability

Table 9.16-5 Fiscal Capability of the City of Mechanicville

Financial Resources	Accessible or Eligible to use (Yes/No/Don't know)
1) Community development Block Grants (CDBG)	Yes
2) Capital Improvements Project Funding	Yes
3) Authority to Levy Taxes for specific purposes	Yes
4) User fees for water, sewer, gas or electric service	Yes
5) Impact Fees for homebuyers or developers of new development/homes	No
6) Incur debt through general obligation bonds	Yes
7) Incur debt through special tax bonds	No
8) Incur debt through private activity bonds	No
9) Withhold public expenditures in hazard-prone areas	No
10) State mitigation grant programs (e.g. NYSDEC, NYCDEP)	Yes
11) Other	Yes

Community Classifications

Table 9.16-6 Community Classifications of the City of Mechanicville

Program	Classification	Date Classified
Community Rating System (CRS)	NP	N/A
Building Code Effectiveness Grading Schedule (BCEGS)	NP	N/A
Public Protection	NP	N/A
Storm Ready	NP	N/A
Firewise	NP	N/A

N/A = Not applicable. NP = Not participating. - = Unavailable.\

The classifications listed above relate to the community's effectiveness in providing services that may impact its vulnerability to the natural 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 one 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;
- 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/; and,
- The National Firewise Communities website at http://firewise.org/.

9.16.5 Mitigation Strategy

Proposed Hazard Mitigation Initiatives

Table 9.16-7 Proposed Hazard Mitigation Initiatives of the City of Mechanicville

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline
CM-0	Schedule visits by FEMA to provide information to the community with special attention to RL properties on Route 4. This outreach will be supported by the Saratoga County Office of Emergency Services and implemented by the City to support future applications for mitigation funding for RL properties.	New & Existing	Flood, Severe Storm	1, 2, 3, 5	1-1, 1-2, 1-3, 2-2, 2-3, 2-4, 3-1, 3-5	Engineering in coordination with the NFIP Floodplain Administrator	NYNYS DHSES Saratoga County Office of Emergency Services	Low	Municipal Budget	Short Term
CM-1a	Where appropriate, support retrofitting of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for retrofitting based on cost- effectiveness versus relocation. Where retrofitting is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Flood, Severe Storm	1, 2, 3, 5	1-1, 1-2, 1-3, 2-2, 2-3, 2-4, 3-1, 3-5	NFIP Floodplain Administrator	NYS DHSES, FEMA	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Long Term

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline
CM-1b	Where appropriate, support purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for relocation based on cost-effectiveness versus retrofitting. Where relocation is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Flood, Severe Storm	1, 2, 3, 5	1-1, 1-2, 1-3, 2-2, 2-3, 2-4, 3-1, 3-5	NFIP Floodplain Administrator	NYS DHSES, FEMA	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Long Term
CM-2	Consider participation in incentive-based programs such as CRS.	New & Existing	Flood	1, 2, 5	1-1, 1-3, 1-6, 2-1, 2-2, 2-3, 2-4, 5-2	NFIP Floodplain Administrator	NYS DHSES, ISO, FEMA	Low - Medium	Local Budget	Long Term
CM-3	Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0	New & Existing	All Hazards	All	All	NFIP Floodplain Administrator	County (through Mitigation Planning Coordinator), NYS DHSES	Low – High (for 5-year update)	Local Budget, possibly FEMA Mitigation Grant Funding for 5-year update	Short Term

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline
CM-4	Strive to maintain compliance with, and good-standing in the National Flood Insurance program.	New & Existing	Flood	1, 2, 4	1-1, 1-2, 1-3, 1-8, 2-2, 2-3, 2-4, 4-1, 4-2, 4-3, 4-4	NFIP Floodplain Administrator	NYS DHSES, ISO, FEMA	Low - Medium	Local Budget	Long Term
CM-5	Continue to develop, enhance, and implement existing emergency plans.	New & Existing	All Hazards	1, 3	1-1, 1-7, 3-2, 3-4, 3-5	Emergency Management with support from County OEM and NYS DHSES	County Emergency Management, NYS DHSES	Low - Medium	Local Budget	Short Term
CM-6	Create/enhance/ maintain mutual aid agreements with neighboring communities.	New & Existing	All Hazards	3, 5	3-4, 5-1, 5-3	Emergency Management, DPW and Roads	Surrounding municipalities and County	Low - Medium	Local Budget	Short Term
CM-7	Support County-wide initiatives identified in Section 9.1 of the County Annex.	New & Existing	All Hazards	All	All	Appropriate Departments	County and Regional agencies (as appropriate for initiative)	Low - High	Existing programs and grant funding where applicable	Short Term
CM-8	Support the Installation/Implementation of Community Emergency Alert System	New & Existing	All Hazards	1, 3, 5	1-1, 3-1, 3-3, 3-5, 3-6, 5-1	LEMC	Watershed districts (if applicable); neighboring municipalities; County (if applicable); NYS	Medium	FEMA HMA	Short Term

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline
CM-9	Create a mitigation support fund to provide matching funds on an ongoing basis for municipality and residential mitigation projects which will fund cost-sharing portions of projects and be replenished during the annual budget cycle	New & Existing	All Hazards	1, 2, 3, 5	1-3, 1-9, 2-5, 3-1, 5-2	City Council		Medium	Operating budget	Long-term
CM-10	Investigate and implement mitigation actions that would protect the Mechanicville Central Fire Station from the flood hazard. Based on estimated flood modeling results for this Plan, the Fire Station may experience damages as a result of a 100- and/or 500-year flood event.	Existing	Flood, Severe Storm	1, 3	1-1, 3-4, 3-6	NFIP Floodplain Administrator	Fire Dept/ District	Low (Could be high once action is decided and implemented)	Local (FEMA HMA and local match for implementation of action)	Short Term
CM-11	Investigate and implement mitigation actions that would protect the Mechanicville Police Station from the flood hazard. Based on estimated flood modeling results for this Plan, the Police Station may experience damages as a result of a 100- and/or 500-year flood event.	Existing	Flood, Severe Storm	1, 3	1-1, 3-4, 3-6	NFIP Floodplain Administrator	Police Dept/District	Low (Could be high once action is decided and implemented)	Local (FEMA HMA and local match for implementation of action)	Short Term

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline
CM-12	Investigate and implement mitigation actions that would protect the Mechanicville CSO (wastewater facility) from the flood hazard. Based on estimated flood modeling results for this Plan, the facility may experience damages as a result of a 100- and/or 500-year flood event.	Existing	Flood, Severe Storm	1, 3	1-1, 3-4, 3-6	NFIP Floodplain Administrator	WWTF	Low (Could be high once action is decided and implemented)	Local (FEMA HMA and local match for implementation of action)	Short Term
CM-13	Investigate and implement mitigation actions that would prevent flooding of the Main Street/ Railroad overpass.	Existing	Flood	1, 3	1-1, 1-2, 3-5	NFIP Floodplain Administrator; Engineering Department	Highway Dept.	Medium	Grant, Municipal Match	Short Term
CM-14	Topographical challenges prevent the current 800MHz radio system from covering parts of the City of Mechanicville. Installation of fiber optic lines would provide an economic solution to the issue. Other necessary equipment is already on hand.	Existing	All Hazards	1, 3,,4	1-1, 3-3, 3-4, 3-5, 4-1	Town and County Emergency Management Personnel	Engineers, Public Works, Town Government, County Emergency Services, Private Service Providers	Medium	Grant Programs, Local Match	Short Term

*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure?
Notes: Short term = 1 to 5 years; Long Term= 5 years or greater; OG = Ongoing program; DOF = Depending on funding; NA = Not applicable;
PDM = Pre-Disaster Mitigation Grant Program

Analysis of Mitigation Actions

This table summarizes the participant's mitigation actions by hazard of concern and the six mitigation types to illustrate that the City has selected a comprehensive range of actions/projects.

Table 9.16-8 Analysis of Mitigation Actions of the City of Mechanicville

Hazard of Concern	Type of Mitigation Action					
	Prevention	Property Protection	Public Education and Awareness	Natural Resource Protection	Emergency Services	Structural Projects
Drought	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Earthquake	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Extreme Temperatures	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Flooding (riverine, flash, coastal and urban flooding)	CM-0, CM-2, CM-3, CM-4, CM-7, CM-9	CM-1a and b, CM-2, CM-3, CM-4, CM-7, CM-10, CM- 11, CM-12	CM-1a and b, CM-2, CM-3, CM-4, CM-7	CM-3, CM-7	CM-2, CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Ground Failure	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Invasive Species	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Severe Storms (windstorms, thunderstorms, hail, lightning and tornados)	CM-0, CM-2, CM-3, CM-4, CM-7, CM-9	CM-1a and b, CM-2, CM-3, CM-4, CM-7, CM-10, CM- 11, CM-12	CM-1a and b, CM-2, CM-3, CM-4, CM-7	CM-3, CM-7	CM-2, CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Severe Winter Storm (heavy snow, blizzards, ice storms)	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7
Wildfire	CM-3, CM-7, CM-9	CM-3, CM-7	CM-3, CM-7	CM-3, CM-7	CM-3, CM-5, CM-6, CM-7, CM-8	CM-3, CM-7

Hazard of Concern	Type of Mitigation Action					
	Prevention	Property Protection	Public Education and Awareness	Natural Resource Protection	Emergency Services	Structural Projects

Notes:

1. **Prevention:** Government, administrative or regulatory actions or processes that influence the way land and buildings are developed and built. These actions also include public activities to reduce hazard losses. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
2. **Property Protection:** 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.
3. **Public Education and Awareness:** 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 school-age and adult education programs.
4. **Natural Resource Protection:** 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.
5. **Emergency Services:** 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.
6. **Structural Projects:** 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.

Prioritization of Mitigation Initiatives

Table 9.16-9 Prioritization of Mitigation Initiatives of the City of Mechanicville

Initiative #	# of Objectives Met	Benefits	Costs	Do Benefits equal or exceed Costs? (Yes or No)	Is project Grant eligible? (Yes or No)	Can Project be funded under existing programs/budgets? (Yes or No)	Priority (High, Med., Low)
CM-0	8	L	L	Y	N	Y	H
CM-1a	8	H	H	Y	Y	N	M-H*
CM-1b	8	H	H	Y	Y	N	M-H*
CM-2	8	M	L	Y	N	Y	H
CM-3	28	M	M	Y	N (Yes for 5-year update)	Y	H
CM-4	11	L	L	Y	N	Y	H
CM-5	5	M	L	Y	N	Y	M
CM-6	35	M	L	Y	N	Y	H
CM-7	28	H	L-M	Y	Dependent on specific initiative	Dependent on specific initiative	M-H (dependent)
CM-8	6	M	M	Y	Y	Y (local match)	M
CM-9	6	M	M	Y	N	Y	H
CM-10	3	M-H	L	Y	Dependent on specific initiative	Dependent on specific initiative	M-H (dependent)
CM-11	3	M-H	L	Y	Dependent on specific initiative	Dependent on specific initiative	M-H (dependent)
CM-12	3	M-H	L	Y	Dependent on specific initiative	Dependent on specific initiative	M-H (dependent)

Notes: H = High. L = Low. M = Medium. N = No. N/A = Not applicable. Y = Yes.
*This initiative has a Medium priority based on the prioritization scheme used in this planning process (implementation based on grant funding), however it is recognized that addressing repetitive and severe repetitive loss properties is considered a high priority by Federal Emergency Management Agency (FEMA) and NYS Division of Homeland Security and Emergency Services (NYS DHSES) (as expressed in the State HMP), and thus shall be considered a High priority for all participants in the planning process.

Explanation of Priorities

- **High Priority -** A project that meets multiple objectives (i.e., multiple hazards), benefits exceeds cost, has funding secured or is an on-going project and project meets eligibility requirements for the Hazard Mitigation Grant Program (HMGP) or Pre-Disaster Mitigation Grant Program (PDM) programs. High priority projects can be completed in the short term (1 to 5 years).

- **Medium Priority -** A project that meets goals and objectives, benefits exceeds costs, funding has not been secured but project is grant eligible under, HMGP, PDM or other grant programs. Project can be completed in the short term, once funding is completed. Medium priority projects will become high priority projects once funding is secured.
- **Low Priority -** Any project that will mitigate the risk of a hazard, benefits do not exceed the costs or are difficult to quantify, funding has not been secured and project is not eligible for HMGP or PDM grant funding, and time line for completion is considered long term (1 to 10 years). Low priority projects may be eligible other sources of grant funding from other programs. A low priority project could become a high priority project once funding is secured as long as it could be completed in the short term.

Prioritization of initiatives was based on above definitions: Yes.

Prioritization of initiatives was based on parameters other than stated above: Not Applicable.

9.16.6 National Flood Insurance Program Compliance

The City of Mechanicville (City) participates in the NFIP and draws on a number of capabilities to carry out program requirements. The Citymaintains a number of jurisdictional ordinances that ensure all construction is appropriate for the areas considered at risk to flooding: NFIP Flood Damage Prevention Ordinance (Mechanicville City Code, Chapter 111, adopted 07-1995); a Floodplain Management/Basin Plan (Mechanicville City Code, Chapter 111, adopted 07-1995); Stormwater Management Plan/Ordinance; and Site Plan Review Requirements (Planning Board).

The City is staffed with professionals whose expertise supports a high standard of floodplain management. City staff include planners and engineers with knowledge of land development and land management practices; engineers or professionals trained in construction practices related to buildings and/or infrastructure; personnel skilled or trained in GIS applications; emergency managers; and staff with expertise and training in benefit/cost analysis. Project review input from professionals serving in these technical positions provides guidance to property owners about how to build or rebuild in ways that minimize flood damage to persons and property.

The community also developed three mitigation actions to enhance NFIP program management. These include reviewing the vulnerability of facilities in hazard prone areas and determining the appropriate course of action (e.g., retrofitting vs relocation); reviewing the feasibility of becoming a member of the Community Rating System; and implementing mitigation strategies to prevent the flooding of the Mechanicville police station.

The City has is also reviewing how to best address problems arising from the presence of three repetitive loss (RL) properties located in the jurisdiction. These properties, located on Saratoga Avenue, Hudson Avenue, and Route 67, are not in a special flood hazard area. However, these properties have experienced repetitive flood claims in the past and may experience additional impacts in the future. The City will conduct outreach to the owners of affected properties and discuss with the owners the possibility of elevating or acquiring the properties. City officials will

pursue FEMA Hazard Mitigation Assistance (HMA) funding in the future should property owners be interested in mitigating their property's risk.

9.16.7 Future Needs to Better Understand Risk/Vulnerability

None at this time.

9.16.8 Additional Comments

No additional comments at this time.

9.16.9 NYS Mitigation Action Forms

See next page.

Name of Jurisdiction: City of Mechanicville

NYS DHSES Action Worksheet			
Project Name:	Storm-water Management Study - Main Street		
Project Number:	CM-13		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	During heavy rainfall the area in an around of Route 4 and 32 near the railroad overpass floods causing road and rail closures.		
Action or Project Intended for Implementation			
Description of the Solution:	Conduct a study to divert storm water.		
Is this project related to a Critical Facility?	Yes [ ]		No [X]
(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:	100 year Flood Plain	Estimated Benefits (losses avoided):	Potential negative economic loss due to road and rail closures.
Useful Life:	50+ Years		
Estimated Cost:	$50,000		
Plan for Implementation			
Prioritization:	HIGH	Desired Timeframe for Implementation:	ASAP
Estimated Time Required for Project Implementation:	3-6 Months	Potential Funding Sources:	Grant/Multiple Sources
Responsible Organization:	City of Mechanicville	Local Planning Mechanisms to be Used in Implementation, if any:	Engineers, Public Works, City Government

Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	$0	
	Upsize culverts in the area	$250,000	May not be comprehensive solution

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Name of Jurisdiction: City of Mechanicville

NYS DHSES Action Worksheet			
Project Name:	Expanded Interoperability		
Project Number:	CM-14		
Risk / Vulnerability			
Hazard of Concern:	ALL Hazards		
Description of the Problem:	Limited to no access to 800 MHz radio system for Fire, Police and EMS responders.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of fiber optic circuit and microwave overhaul to carry 800 Mhz radio traffic between the County PSAP and the City of Mechanicville.		
Is this project related to a Critical Facility?	Yes: X		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:	100 year Flood Plain	Estimated Benefits (losses avoided):	Potential negative economic loss due to road and rail closures.
Useful Life:	50+ Years		
Estimated Cost:	$500,000		
Plan for Implementation			
Prioritization:	HIGH	Desired Timeframe for Implementation:	ASAP
Estimated Time Required for Project Implementation:	3-6 Months	Potential Funding Sources:	Grant/Multiple Sources
Responsible Organization:	City of Mechanicville	Local Planning Mechanisms to be Used in Implementation, if any:	Engineers, Public Works, City Government, County Emergency Services

Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	$0	
	Construct entire new radio site	$1,200,000	Expensive. Unknown location to support full site.

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	