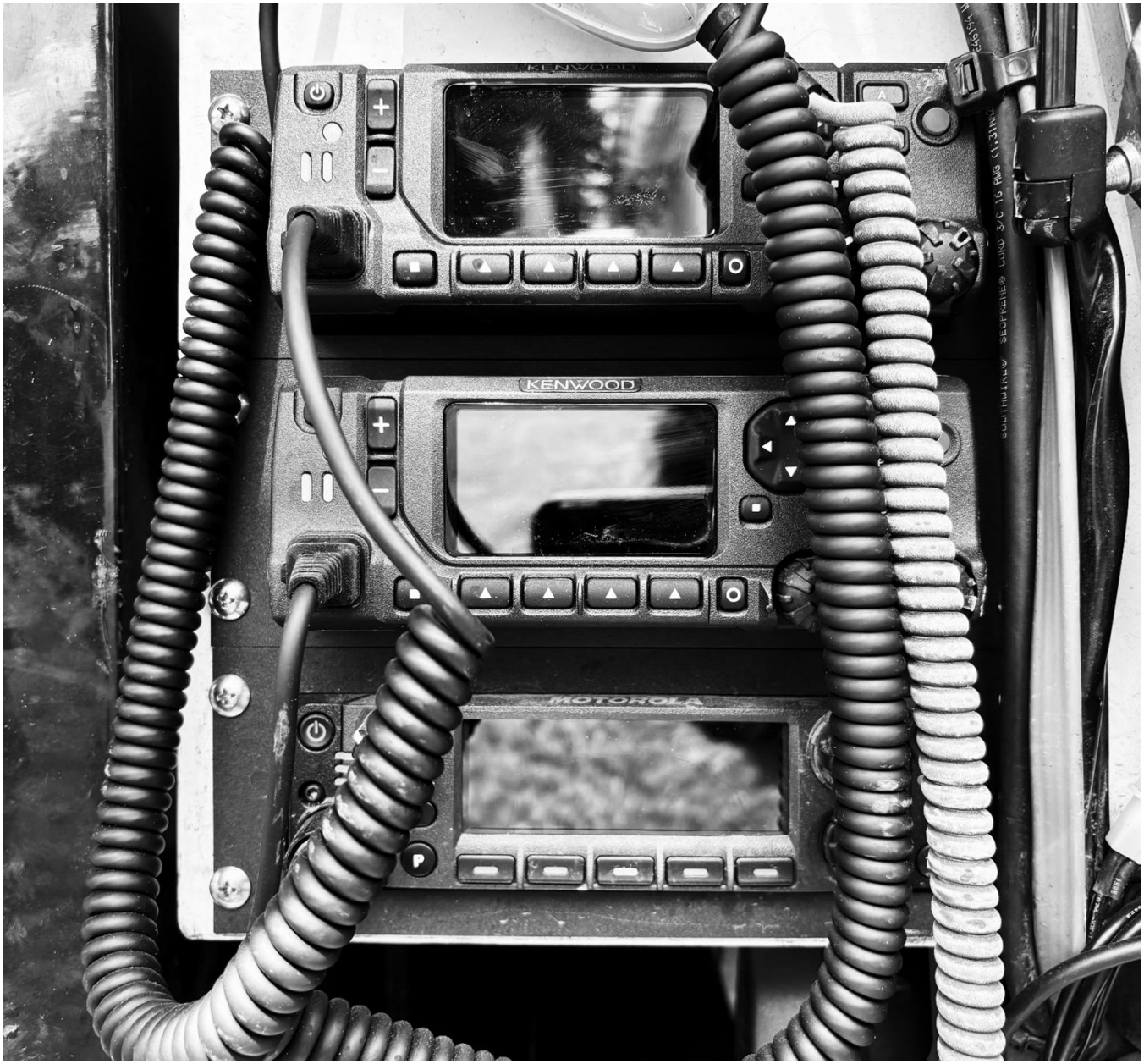

CHAPTER 6

MITIGATION GOALS & ACTIONS

MITIGATION GOALS & ACTIONS

Natural and human-caused hazards that threaten communities cannot always be prevented, but proactive planning and mitigation activities can significantly reduce their impact. This chapter outlines the mitigation framework for the Central Shenandoah Hazard Mitigation Plan, structured around two complementary levels of action: regional and local.

Regional goals and actions were developed through collaborative discussions with the CSHMP Steering Committee, drawing on the committee's collective expertise and understanding of regional hazards and vulnerabilities. Local actions were identified through individual meetings with each of the 24 participating localities and special districts, reflecting the unique needs and priorities of individual communities.

TYPES OF MITIGATION ACTIONS

All mitigation actions, both regional and local, are organized into four categories: local planning and regulations; structure and infrastructure projects; natural systems protection; and education and awareness programs. These categories align with the Federal Emergency Management Agency (FEMA) typology for hazard mitigation planning, providing a comprehensive, standardized approach for organizing and implementing risk reduction strategies across the planning region.



Local Planning and Regulations

These actions include government authorities, policies, or codes that influence the way land and buildings are developed. Examples include, but are not limited to, zoning ordinances, development review processes, building codes, participation in the NFIP Community Rating System (CRS) program, and capital improvement programs.



Structure and Infrastructure Projects

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. Examples include, but are not limited to, acquisitions and elevations of structures in flood-prone areas, underground utilities, floodwalls, structural retrofits, and safe rooms.



Natural Systems Protection / Nature-based Solutions

This type of action can include green infrastructure and low-impact development, nature-based solutions, Engineering with Nature, and bioengineering to incorporate natural features or processes into the built environment. Examples include, but are not limited to, stream restorations, land conservation, and forest management.



Education and Awareness Programs

These types of actions keep residents informed about potential natural disasters. Many of these types of actions are eligible for funding through the FEMA HMA program. Examples include, but are not limited to, radio or television spots, social media outreach, websites with maps and information, real estate disclosure, and outreach materials.

REGIONAL VISION STATEMENT

The Central Shenandoah region envisions a resilient future built on collaborative planning, innovative solutions, and sustainable practices. By proactively addressing natural and human-caused hazards, we not only aim to protect our residents, businesses, and visitors but also to preserve the region's natural beauty, agricultural heritage, and economic vitality for generations to come.

GOAL #1	**ECONOMIC RESILIENCE AND PROTECTION** Bolster the regional economy by reducing the impact of natural and man-made hazards on major economic sectors, commercial centers, industrial facilities, and critical business infrastructure.

GOAL #2	**HOUSING AND NEIGHBORHOOD PROTECTION** Protect residential properties and prioritize the safety of vulnerable neighborhoods and housing populations.

GOAL #3	**ENVIRONMENTAL STEWARDSHIP AND NATURAL HAZARD MITIGATION** Restore and enhance the hazard-mitigation function of natural systems while protecting environmental resources that reduce community risk.

GOAL #4	**RESILIENT PUBLIC INFRASTRUCTURE** Ensure communities have high-quality, resilient infrastructure that reduces risk and maintains essential services, prior to, during, and after hazard events.

GOAL #5	**PUBLIC HEALTH AND SAFETY ENHANCEMENT** Promote public health and safety by reducing hazard-related risks to community well-being, public infrastructure, resilience, and ensuring effective emergency response capabilities.

GOAL #6	**COLLABORATION AND INNOVATION** Collaborate across jurisdictions and sectors to efficiently and cost-effectively improve the lives of residents through innovative infrastructure improvements and hazard mitigation approaches.

REGIONAL GOAL #1: ECONOMIC RESILIENCE AND PROTECTION

Bolster the regional economy by reducing the impact of natural and man-made hazards on major economic sectors, commercial centers, industrial facilities, and critical business infrastructure.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	1.1. Incorporate, as appropriate, natural hazard considerations in commercial, industrial, and agricultural land use development regulations.
	1.2. Coordinate with VDACS on implementing procedures to address infectious disease outbreaks among poultry.
Structure and Infrastructure Projects	1.3. Seek opportunities to support the preservation and hardening of historic and cultural assets in the region, particularly structures in hazard-prone areas.
	1.4. Pursue opportunities to floodproof and retrofit commercial buildings where acquisition, elevation, and relocation are not feasible.
	1.5. Improve stormwater management systems within central business districts, main streets, and commercial/industrial centers.
	1.6. Work with local animal welfare organizations to provide emergency sheltering for livestock. Consider cooperative agreements or working with local stables and fairgrounds.
Natural Systems Protection	1.7. Incentivize practices that generate economic and natural co-benefits when financially feasible for landowners, such as agricultural best management practices (BMPs).
Education and Awareness	1.8. Support opportunities to educate local business and industry about mitigation measures to protect their structures and inventory during a disaster.
	1.9. Partner with chambers of commerce or other trusted economic organizations to share information and resources about reducing the impact of hazards on economic-related operations and structures.

REGIONAL GOAL #2: HOUSING AND NEIGHBORHOOD PROTECTION

Protect residential properties and prioritize the safety of vulnerable neighborhoods and housing populations.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	2.1. Incorporate natural hazard considerations in residential land use development regulations.
	2.2. Limit new residential development in the floodplain and other flood prone areas through zoning ordinances.
	2.3. Support building codes and zoning ordinances that require fire-resistant construction materials, defensible space standards, and adequate emergency access routes for new residential development in wildland-urban interface areas.
	2.4. Identify special populations that are particularly vulnerable and may require additional services during disasters, including low- to moderate-income households, non-English speaking households, assisted living centers, and facilities that serve people with special needs.
Structure and Infrastructure Projects	2.5. Elevate, relocate, and/or floodproof flood-prone houses to protect private residential structures and reduce future damages.
	2.6. Consider opportunities for residential buyout and elevation projects of identified structures most at risk of repetitive flooding.
	2.7 Improve and maintain stormwater management systems within residential areas.
	2.8. Work with local animal welfare organizations to provide emergency sheltering and/or care for household pets.
Natural Systems Protection	2.9. Incentivize practices that protect private property and restore natural systems, such as best management practices or conservation efforts.
	2.10. Encourage corrective measures recommended by a professional site analysis to protect homes located in known karst and landslide areas.
Education and Awareness	2.11. Support opportunities to educate households of individual or neighborhood-scale mitigation actions, such as household disaster preparedness planning or Firewise certification for woodland neighborhoods.
	2.12. Promote educational information and programs to help residents located in the flood plain to understand their flood risk and insurance options.

REGIONAL GOAL #3: ENVIRONMENTAL STEWARDSHIP AND NATURAL HAZARD MITIGATION

Restore and enhance the hazard-mitigation function of natural systems while protecting environmental resources that reduce community risk.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	3.1. Implement zoning tools that steer development away from hazardous areas or natural areas deserving preservation. Include Department of Forestry personnel in subdivision review for new development in woodland-urban interface areas.
	3.2. Provide for tax incentives, donated easements, and other approaches that can assist in preserving land in the floodplain and other environmentally sensitive areas for agricultural, environmental, recreational, or educational uses.
	3.3. Conduct proactive planning to develop wildfire mitigation strategies and projects that address vulnerabilities in the Wildland Urban Interface.
	3.4. Encourage Building Codes and Zoning Regulations that support wildfire mitigation in the wildland-urban interface (WUI) and other woodland areas.
	3.5. Increase awareness of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS).
Structure and Infrastructure Projects	3.6. Implement projects identified in local plans and studies that promote nature-based solutions or environmental co-benefits.
	3.7. Consider obtaining maintenance and access easements from property owners for annual maintenance work.
Natural Systems Protection	3.8. Consider opportunities to acquire undeveloped portions of the floodplain to prohibit future development and preserve as open space.
	3.9. Coordinate regional water supply planning including groundwater protection, alternative source development, and drought contingency measures to ensure long-term water security across communities.
	3.10. Pursue stream remediation projects using site-specific design approaches that account for natural channel characteristics, flood dynamics, and floodplain configuration to restore natural flood capacity and reduce erosion damage.
Education and Awareness	3.11. Support opportunities to educate citizens about the hazard-mitigation function of natural systems and best practices.

REGIONAL GOAL #4: RESILIENT PUBLIC INFRASTRUCTURE

Ensure communities have high-quality, resilient infrastructure that reduces risk and maintains essential services, prior to, during, and after hazard events.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	4.1. Limit public infrastructure expansion, such as roads and water/sewer service, into hazard-prone areas.
	4.2. Conduct planning and studies for the implementation of stormwater and flood mitigation projects at the watershed level when applicable
	4.3. Develop regular maintenance programs and standard operation procedures for stormwater, roads, dams, and vegetation.
	4.4. Ensure local emergency shelters are identified in and supported by EOPs.
	4.5. Build-out local and regional procedures for debris management.
	4.6. Develop a regional energy supply plan that identifies critical infrastructure, assess vulnerabilities, and establishes protocols for maintaining power to essential facilities.
	4.7. Maintain an inventory of dams including hazard classification, ownership information, downstream inundation zones, and populations at risk.
Structure and Infrastructure Projects	4.8. Bolster critical facilities with hardening measures, such as installing back-up generators or wind/flood-proofing structures.
	4.9. Support stormwater projects that improve ditching, replace inadequate and undersized culverts, enlarge bridge openings, and install drainage piping to minimize flooding while ensuring downstream impacts are analyzed.
	4.10. Encourage routine maintenance of stormwater management conveyances with special emphasis placed on culverts where there are repeated problems.
	4.11. Improve all-hazard monitoring on critical facilities (e.g., water level gauges on dams, cybersecurity on public works, etc.).
	4.12. Continue to find innovative systems and partnerships (such as local amateur radio operators) to address emergency communication challenges from the NRQZ.
	4.13. Harden electrical distribution infrastructure by undergrounding power lines in high-risk areas, upgrading substations, and elevating controls in flood-prone areas.
Natural Systems Protection	4.14. Implement nature-based projects identified in local stormwater capital improvement plans, TMDL action plans, or flood resilience plans as applicable.
Education and Awareness	4.15. Support opportunities to inform property owners of best practices for protecting neighborhood infrastructure, such as enhancing riparian buffers along stormwater conveyances, or participating in the Firewise Communities certification program.
	4.16. Increase public awareness of high-hazard dams and dam inundation impacts.

REGIONAL GOAL #5: PUBLIC HEALTH AND SAFETY ENHANCEMENT

Promote public health and safety by reducing hazard-related risks to community well-being, public infrastructure, resilience, and ensuring effective emergency response capabilities.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	5.1. Improve data collection on hazardous events and public awareness of/accessibility to that information as appropriate. Consider utilizing drones, as feasible, for post-incidents assessments.
	5.2. Develop resources or tools for local emergency management to use to identify and keep track of vulnerable populations in the community.
	5.3. Incorporate community health needs into local long-range planning documents.
	5.4. Support the development and maintenance of Emergency Operations Plans, Continuity of Operations Plans, and Hazardous Material plans in each locality.
	5.5. Assist with the development of Emergency Action Plans for vulnerable populations to hazards, such as mobile home parks, apartment complexes, assisted living facilities, and elderly or remote populations.
Structure and Infrastructure Projects	5.6. Ensure emergency shelters are well-equipped, supported by back-up generators or alternative power sources and connected to state and national support orgs.
	5.7. In the event of a disease outbreak, be prepared to establish and support hubs for medical care and distribution and food and water distribution as necessary.
	5.8. Develop a regional or subregional flooding model that predicts flood events and provides early warning notifications to emergency officials and the public.
Education and Awareness	5.9. Support accessibility and inclusion programs that educate individuals with access and functional needs about disaster preparedness, train first responders on inclusive emergency response practices, and ensure emergency shelters and operations plans accommodate disabilities, medical conditions, and communication barriers across all phases of emergency management.
	5.10. Consider participating in the National Weather Service's Storm Ready program, which assists communities with safety, planning, education, and communication programs needed to save lives and property during weather-related disasters.
	5.11. Support Community Emergency Response Teams (CERT), which educate citizens and volunteers about preparedness, response, and mitigation measures.
	5.12. Promote and inform communities about existing volunteer programs, educational groups, and opportunities to get involved in disaster preparedness.
	5.13. Provide training and appropriate equipment/tools for local emergency responders to respond to all hazards.

REGIONAL GOAL #6: COLLABORATION AND INNOVATION

Collaborate across jurisdictions and sectors to efficiently and cost-effectively improve the lives of residents through innovative infrastructure improvements and hazard mitigation approaches.

ACTIONS

TYPE	ACTION
Local Planning and Regulations	6.1. Continue to convene and encourage participation in Local Emergency Planning Committees (LEPCs), which are open to a variety of stakeholders.
	6.2. Develop, maintain and implement regional plans that support all-hazard mitigation, such as water supply plans, wildfire protection plans, and flood resilience plans.
	6.3. Seek opportunities to collect or improve regional and local data, particularly related to regional assets, vulnerable populations, and hazards.
	6.4. Promote inter-agency coordination for wildfire response in the areas of daily communication, training, and especially pre-planning.
	6.5. Ensure that all localities have digitized FIRM maps.
Structure and Infrastructure Projects	6.6. Improve systems that monitor, forecast, and provide early warning notifications for severe weather, hazard events, and emergencies.
	6.7. Pursue cybersecurity infrastructure investments to ensure critical data, facilities, and control systems are protected.
	6.8. Implement projects at a regional or subregional scale to maximize resources and find the most cost-effective solutions.
	6.9. Capitalize on the Chesapeake Bay Watershed Improvement Plan to support stormwater runoff projects throughout the region.
Natural Systems Protection	6.10. Seek opportunities to participate in projects, plans, studies, and forums that consider nature-based delineations and constraints rather than political boundaries.
Education and Awareness	6.11. Support opportunities and participate in multi-departmental, multi-jurisdictional, or multi-sector training or forums related to hazard mitigation or disaster preparedness.
	6.12. Consider utilizing resources or programs available through Federal and State partners, such as FEMA's Cooperating Technical Partners (CTP) program or Community Rating System (CRS).
	6.13. Encourage learning opportunities of best practices and challenges across the Region.

LOCAL MITIGATION ACTIONS

To update the local mitigation actions, the CSPDC met individually with participating localities and special districts to review existing strategies, clarify project statuses, and develop new actions. After meeting with each entity, the CSPDC revised the action language and returned it to attendees for further review.

The result is a local mitigation action table for each participating locality and special district, organized by sub-area: Bath-Highland Area, Staunton-Augusta-Waynesboro Area, Harrisonburg-Rockingham Area, and Lexington-Rockbridge-Buena Vista Area. The tables include the following information:

- **Regional Goal:** Each local action corresponds to at least one of the six overarching regional goals determined by the CSHMP Steering Committee.
- **Type of Mitigation Action:** Each action is categorized by one of the four types: local planning and regulations; structure and infrastructure projects; natural systems protection; and education and awareness programs.
- **Natural Hazard and/or Man-made Threat:** Each action is intended to address one or more hazards that affect the region.
- **Time Frame:** Each action is categorized by an implementation duration, including Short (0-3 yrs), Medium (5 yrs), Long (5+ years), or on a regular basis (e.g., annually, bi-monthly).
- **Priority Level:** Actions are prioritized as high, medium, or low at each participating locality's or special district's discretion.
- **Potential Funding Sources:** Funding sources are identified where known and appropriate. For a comprehensive list of potential funding sources, refer to Appendix I. Potential Funding Sources.

For more information about this process, refer to Chapter 2: Planning Process and Appendix H – Status of Previous Mitigation Actions.

PRIORITIZATION METHODS

At the local level, each participating jurisdiction and special district prioritized their specific mitigation actions based on local needs and capacity. Local prioritization was primarily determined by each jurisdiction's discretion, with consideration given to several key factors including:

- Project cost – estimated financial requirements and availability of funding
- Staff capacity – available personnel and technical expertise to implement the action
- Timeline – expected duration from initiation to completion

While all mitigation actions move a community toward greater resilience, this prioritization approach ensures that jurisdictions can focus their limited resources on actions that are most feasible and will create the greatest beneficial impact for their communities.

BATH-HIGHLAND SUBAREA

BATH COUNTY

BATH COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	BA-1. Construct a new E-911 Center with enhanced 911 hardware and software that will allow dispatchers to receive calls from land lines and cell phones and create location maps.	Multi-Hazard	County Admin; Emergency Management	Long Term	TBD, refer to Appendix I	Medium
#5	Local Planning and Regulations	BA-2. Maintain active participation in the Bath County Local Emergency Planning Committee (LEPC).		Emergency Management	Bi-Monthly	-	Medium
#6	Local Planning and Regulations	BA-3. Continue to develop the Emergency Sheltering Program by forming partnerships and securing grant funding for emergency power (e.g., generators).		Emergency Management	Long Term	-	Low
#6	Local Planning and Regulations	BA-4. Collaborate with Highland County to develop a joint Bath-Highland Volunteer Coordination Plan.		Emergency Management	Short Term	-	High
#6	Education and Awareness	BA-5. Coordinate with Highland County to combine community notification systems (i.e., CodeRED systems) for emergency alerts.		Emergency Management	Medium Term	-	Medium
#6	Local Planning and Regulations	BA-6. Coordinate with neighboring counties to increase interoperability for Public Safety Answering Points (PSAPs). Adjust Emergency Service Zones (ESZs) as needed to maximize coverage.		Emergency Management	Long Term	-	Medium
#5	Structure or Infrastructure Project	BA-7. Maintain and strengthen federal, state, and regional partnerships to support and secure funding for continued implementation of the Northern Allegheny Highlands Radio System Upgrade, a multi-phase demonstration project designed to enhance emergency communications within the National Radio Quiet Zone (NRQZ).		County Admin; Emergency Management	Medium Term	DHS REMCDP Grant (2023); Congressionally Directed Spending	High
#3	Local Planning and Regulations	BA-8. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Building, Planning and Zoning	Annually	-	High
#2	Structure or Infrastructure Project	BA-9. Develop a program to elevate, relocate, floodproof, or acquire flood prone structures to reduce or eliminate future damages, with priority given to repetitive loss (RL) or severe repetitive loss (SRL) structures. Areas of concern include Hot Springs, Jackson River, Mill Creek, Millboro, Millboro Springs, Mountain Grove, and Pads Creek.		Building, Planning and Zoning	Long Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	BA-10. Explore the possibility of revising the County's Flood Insurance Rate Maps (FIRMs) through the Physical Map Revision Process to address changes in the current floodplain delineation.		Building, Planning and Zoning	Long Term	-	Low

BATH COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Natural Systems Protection	BA-11. Consider flood mitigation actions in the County focused on natural systems protection.	Flooding	Building, Planning and Zoning	Annually	-	Low
#3	Local Planning and Regulations	BA-12. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		County Administration; Building, Planning and Zoning	Short Term	DCR CFPF Round 5 Grant (2025)	Low
#6	Education and Awareness	BA-13. Establish a publicly viewable regional data hub and warning system to monitor weather, drought, stream, and precipitation levels. Share data with partners like the National Weather Service.	Flooding/Drought	Emergency Management	Short Term	HMGP	High
#6	Local Planning and Regulations	BA-14. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	County Administration; Public Works	Medium Term	DEQ WSP Grant (FY26)	Low
#3	Local Planning and Regulations / Education and Awareness	BA-15. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Emergency Management	Annually	-	High
#6	Local Planning and Regulations	BA-16. Coordinate with Highland County to create a joint plan for annually testing emergency communication equipment.	Utility or Infrastructure Failure	Emergency Management	Short Term	-	High
#5	Local Planning and Regulations	BA-17. Conduct regular communications equipment tests to ensure functionality within National Radio Quiet Zone (NRQZ) constraints.		Emergency Management	Annually	-	High
#4	Structure or Infrastructure Project	BA-18. Continue to expand broadband through the Bath-Highland Network Authority (BHNA).		Bath-Highland Network Authority	Medium Term	DHCD VATI Grant (2022)	Medium
#6	Local Planning and Regulations	BA-19. Coordinate with Highland County to create an updated Bath-Highland Hazardous Materials Emergency Response Plan (HMERP).	Hazardous Materials Release	Emergency Management	Long Term	-	Low
#5	Education and Awareness	BA-20. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Bi-Monthly	-	High

HIGHLAND COUNTY

HIGHLAND COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Local Planning and Regulations	HI-1. Maintain active participation in the Highland County Local Emergency Planning Committee (LEPC).	Multi-Hazard	Emergency Management	Quarterly	-	Medium
#6	Local Planning and Regulations	HI-2. Collaborate with Bath County to develop a Bath-Highland Volunteer Coordination Plan.		Emergency Management	Long Term	-	High
#5	Structure or Infrastructure Project	HI-3. Continue to develop an Emergency Sheltering Program in the County and consider applying for grant funding for emergency generators at the shelters.		County Administration; Emergency Management	Long Term	TBD, refer to Appendix I	Low
#6	Structure or Infrastructure Project	HI-4. Coordinate with Bath County to combine community notification systems (i.e., CodeRED systems) for emergency alerts.		Emergency Management	Medium Term	TBD, refer to Appendix I	Medium
#6	Local Planning and Regulations	HI-5. Coordinate with neighboring counties to increase interoperability for Public Safety Answering Points (PSAPs). Adjust Emergency Service Zones (ESZs) as needed to maximize coverage.		Emergency Management	Long Term	-	Medium
#5	Structure or Infrastructure Project	HI-6. Maintain and strengthen federal, state, and regional partnerships to support and secure funding for continued implementation of the Northern Allegheny Highlands Radio System Upgrade, a multi-phase demonstration project designed to enhance emergency communications within the National Radio Quiet Zone (NRQZ).		County Administration; Emergency Management	Medium Term	DHS REMCDP Grant (2023); Congressionally Directed Spending	High
#3	Local Planning and Regulations	HI-7. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Building and Zoning	Annually	-	High
#3	Natural Systems Protection	HI-8. Consider flood mitigation actions in the County focused on natural systems protection.		Building and Zoning	Annually	-	Low
#3	Local Planning and Regulations	HI-9. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		County Administration; Building and Zoning	Short Term	DCR CFPF Round 5 Grant (2025)	Low
#6	Education and Awareness	HI-10. Establish a publicly viewable regional data hub and warning system to monitor weather, drought, stream, and precipitation levels. Share data with partners like the National Weather Service.	Flooding/Drought	Emergency Management	Short Term	HMGP	High

HIGHLAND COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	HI-11. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	County Administration; Public Works	Medium Term	DEQ WSP Grant (FY26)	Low
#3	Local Planning and Regulations / Education and Awareness	HI-12. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Emergency Management	Annually	-	High
#3	Local Planning and Regulations	HI-13. Coordinate with the Virginia Department of Forestry to develop a fuel reduction program (i.e., regular controlled burns).		Emergency Management	Annually	-	High
#6	Local Planning and Regulations	HI-14. Coordinate with Bath County to create a joint plan for annually testing emergency communication equipment.	Utility or Infrastructure Failure	Emergency Management	Short Term	-	High
#5	Local Planning and Regulations	HI-15. Conduct regular communications equipment tests to ensure functionality within National Radio Quiet Zone (NRQZ) constraints.		Emergency Management	Annually	-	High
#4	Structure or Infrastructure Project	HI-16. Continue to expand broadband through the Bath-Highland Network Authority (BHNA).		Bath-Highland Network Authority	Medium Term	DHCD VATI Grant (2022)	Medium
#6	Local Planning and Regulations	HI-17. Coordinate with Bath County to create an updated Bath-Highland Hazardous Materials Emergency Response Plan (HMERP).	Hazardous Materials Release	Emergency Management	Long Term	-	Low
#5	Education and Awareness	HI-18. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Quarterly	-	High

TOWN OF MONTEREY

TOWN OF MONTEREY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	MO-1. Assist as needed with existing and ongoing hazard mitigation plans or projects coordinated between Highland and Bath counties, including but not limited to an Emergency Operations Plan (EOP), a Hazardous Materials Emergency Response Plan (HMERP), weather monitoring systems, and emergency communication systems.	Multi-Hazard	Town Manager's Office	Long Term	-	Medium
#5	Education and Awareness	MO-2. Continue to encourage residents to sign up for Code Red alerts to stay informed of water leaks, drought advisories, accidents, road blockages, and other emergency situations.		Town Manager's Office	Medium Term	-	High
#3	Local Planning and Regulations	MO-3. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Manager's Office	Annually	-	High
#3	Natural Systems Protection	MO-4. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Manager's Office	Annually	-	High
#3	Education and Awareness	MO-5. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Manager's Office	Annually	-	Medium
#6	Local Planning and Regulations	MO-6. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	Town Manager's Office	Medium Term	DEQ WSP Grant (FY26)	Medium
#4	Local Planning and Regulations	MO-7. Maintain the Town's partnership with VDOT to implement winter road weatherization and snow removal.	Severe Winter Weather	Town Manager's Office	Long Term	-	Medium
#2	Education and Awareness	MO-8. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Town Manager's Office	Medium Term	-	Low
#4	Structure or Infrastructure Project	MO-9. Seek opportunities to fund upgrades to the Town's aging water and sewer infrastructure.	Utility or Infrastructure Failure	Town Manager's Office	Medium Term	TBD, refer to Appendix I	High

BATH COUNTY SERVICE AUTHORITY

BATH COUNTY SERVICE AUTHORITY (BCSA) LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Structure or Infrastructure Project	BCSA-1. Replace ductile iron water lines in high corrosive areas.	Utility or Infrastructure Failure	BCSA	Long Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	BCSA-2. Replace terra cotta sewer lines in Ashwood.		BCSA	Long Term		High
#4	Structure or Infrastructure Project	BCSA-3. Replace the main sewer line in Hot Springs.		BCSA	Long Term		Medium
#4	Structure or Infrastructure Project	BCSA-4. Construct a water line along Highway 220 between Warm Springs and Chimney Run.		BCSA	Long Term		Medium
#4	Structure or Infrastructure Project	BCSA-5. Decommission the West Warm Springs Wastewater Treatment Plant.		BCSA	Long Term		Medium
#4	Structure or Infrastructure Project	BCSA-6. Install a sewer line between West Warm Springs and Bacova.		BCSA	Long Term		Medium
#4	Structure or Infrastructure Project	BCSA-7. Construct a water line from Millboro to Millboro Springs.		BCSA	Long Term		Medium
#4	Structure or Infrastructure Project	BCSA-8. Install a green sand filtration system at the Millboro well site.		BCSA	Medium Term		Medium
#6	Local Planning and Regulations	BCSA-9. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	BCSA	Medium Term	DEQ WSP Grant (FY26)	Low

STAUNTON-AUGUSTA-WAYNESBORO SUBAREA

CITY OF STAUNTON

CITY OF STAUNTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	ST-1. Increase expenditures for state-of-the-art equipment, communication systems, and heavy equipment to respond to natural disasters in an effective and efficient manner.	Multi-Hazard	Finance Dept.	Long Term	TBD, refer to Appendix I	Low
#5	Local Planning and Regulations	ST-2. Coordinate with the Staunton-Augusta-Waynesboro Community Emergency Response Team (S-A-W CERT) and Augusta Health to encourage and improve the disaster readiness of volunteers and the citizenry.		Fire & Rescue Dept.	Long Term	-	High
#6	Local Planning and Regulations	ST-3. Update and maintain the S-A-W Emergency Operations Plan (EOP) with the City of Waynesboro and Augusta County to more effectively and efficiently utilize the resources of the three localities.		Fire & Rescue Dept.	Short Term	-	High
#5	Education and Awareness	ST-4. Improve community awareness of hazardous events by promoting the Community Connect flood awareness system and encouraging increased use of the Staunton Alert Message system.		Various Depts.	Short Term	-	High
#1	Local Planning and Regulations	ST-5. Maintain an animal supply trailer and all the supplies needed to stock the mandated animal shelter located at Augusta Expo.		Fire & Rescue Dept.	Annually	-	Medium
#2	Local Planning and Regulations	ST-6. Create an educational campaign on individual household disaster preparedness and mitigation measures, particularly for affordable housing or Low-to-Moderate Income neighborhoods.		Community Development Dept.; Fire & Rescue Dept.	Long Term	-	High
#3	Local Planning and Regulations	ST-7. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Community Development Dept.	Annually	-	High
#3	Natural Systems Protection	ST-8. Consider flood mitigation actions in the City focused on natural systems protection.		Community Development Dept.	Annually	-	High
#1	Local Planning and Regulations	ST-9. Seek funding to complete hydrologic and hydraulic studies of the areas within the downtown and Historic district with chronic and repetitive flooding problems. After the study is completed, implement recommended mitigation strategies.		Community Development Dept.; Public Works	Medium Term	TBD, refer to Appendix I	High
#3	Natural Systems Protection	ST-10. Conduct a feasibility study to daylight a stream in the City's downtown Wharf Area.		Community Dev. Dept.; Public Works	Short Term	-	High

CITY OF STAUNTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Natural Systems Protection	ST-11. Complete and maintain the stream restoration project in Gypsy Hill Park. Improve stormwater monitoring in Gypsy Hill Park by installing an Opti sensor on Lake Tams.	Flooding	Community Development Dept.; Public Works; Parks & Recreation Dept.	Short Term	-	High
#4	Local Planning and Regulations	ST-12. Develop a DCR-approved Flood Resilience Plan to identify and prioritize flood mitigation and stormwater improvement projects eligible for the Community Flood Preparedness Fund (CFPF).		Community Development Dept.; Public Works	Short Term	-	High
#4	Local Planning and Regulations	ST-13. Enhance the City's Community Connect flood awareness system by assessing future locations for sensors. Document the condition of existing sensors and create a timetable for upgrading and/or replacing sensors.		Community Development Dept.; Public Works	Short Term	-	Medium
#3	Local Planning and Regulations	ST-14. As an MS4 locality, continue to identify, develop, and implement stream restoration and BMP retrofitting projects to improve water quality.		Community Development Dept.; Public Works	Annually	-	Medium
#4	Structure or Infrastructure Project	ST-15. Establish a regional rain and stream gauge monitoring network with the City of Staunton and Augusta County to replace the discontinued IFLOWS system and improve flood warning capabilities.		Public Works Dept.	Long Term	TBD, refer to Appendix I	Low
#4	Local Planning and Regulations	ST-16. Coordinate with utility providers, such as Dominion Energy, on opportunities to harden infrastructure and to maintain tree management programs to remove dead or hazardous trees near power lines.	High Winds	Public Works Dept.	Annually	-	Low
#3	Local Planning and Regulations / Education and Awareness	ST-17. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Creation of defensible space around structures through vegetation management 4) Reduction of structural ignitability to limit injury, loss of life, and property damage. 5) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Fire & Rescue Dept.	Annually	-	High
#6	Local Planning and Regulations	ST-18. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Community Dev. Dept.; Public Works	Medium Term	DEQ WSP Grant (FY26)	Medium

CITY OF STAUNTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#1	Structure or Infrastructure Project	ST-19. Complete construction of the Virginia Business Ready Sites Program (VBRSP)-funded water infrastructure improvements at Staunton Crossing, including a million-gallon water tank to improve water storage, fire flow, and resiliency in the eastern part of Staunton.	Drought	Community Development Dept.; Public Works	Medium Term	VBRSP Grant	High
#2	Education and Awareness	ST-20. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Community Development Dept.; Fire & Rescue Dept.	Annually	-	Medium
#4	Local Planning and Regulations	ST-21. Continue to implement the City's procedures for road weatherization and maintenance during winter weather events.	Winter Weather	Public Works	Long Term	-	Medium
#5	Education and Awareness	ST-22. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Quarterly	-	High
#6	Local Planning and Regulations	ST-23. Update and maintain the S-A-W Hazardous Materials Emergency Response Plan with the City of Waynesboro and Augusta County to ensure the city is prepared to manage the emergency response operations necessary to preserve life and protect property from further destruction in the event of an emergency involving hazardous materials.	Hazardous Materials Release	Fire & Rescue Dept.	Medium Term	-	Medium
#6	Education and Awareness	ST-24. Continue to support the Valley Amateur Radio Association (VARA), which provides expanded radio communication during emergency events, preparedness drills, and public events.	Utility or Infrastructure Failure	Fire & Rescue Dept.	Long Term	-	High
#5	Structure or Infrastructure Project	ST-25. Ensure critical facilities and emergency shelters are equipped with alternative power sources.		Fire & Rescue Dept.	Annually	TBD, refer to Appendix I	Medium
#5	Education and Awareness	ST-26. Encourage all City Hall employees to periodically undergo an active assailant training exercise.	Active Assailant	Various Depts.	Annually	-	Medium

CITY OF WAYNESBORO

CITY OF WAYNESBORO LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Education and Awareness	WA-1. Coordinate with the Staunton-Augusta-Waynesboro Community Emergency Response Team (S-A-W CERT) and Augusta Health to encourage and improve the disaster readiness of volunteers and the citizenry.	Multi-Hazard	Dept. Emergency Management	Long Term	-	High
#6	Local Planning and Regulations	WA-2. Update and maintain the S-A-W Emergency Operations Plan (EOP) with the City of Staunton and Augusta County to more effectively and efficiently utilize the resources of the three localities.		Dept. Emergency Management	Short Term	-	High
#6	Local Planning and Regulations	WA-3. Conduct annual multi-hazard training exercises with S-A-W emergency response personnel and the Rockingham County Technical Rescue Team to enhance regional response capabilities.		Dept. Emergency Management	Annually	-	Medium
#3	Local Planning and Regulations	WA-4. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Dept. Engineering; Dept. Emergency Management	Annually	-	High
#3	Local Planning and Regulations	WA-5. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Dept. Public Works; Dept. Community Development; Dept. Emergency Management	Medium Term	DCR CFPF Round 5 Grant (2025)	Medium
#2	Structure or Infrastructure Project	WA-6. Continue the city-wide residential flood mitigation project that calls for the acquisition, elevation, or floodproofing of more than 50 properties identified as at-risk for future flooding. Most of the houses are in the River Shores/Club Court and adjacent to downtown areas of the city. Sixteen properties have been purchased and kept in "open space."		Dept. Community Development; Dept. Emergency Management	Long Term	TBD, refer to Appendix I	Medium
#2	Structure or Infrastructure Project	WA-7. Continue the project to elevate houses, floodproof utilities, and install flood vents for 12 properties located on residential areas adjacent to downtown area in the floodplain.		Dept. Community Development; Dept. Emergency Management	Long Term	TBD, refer to Appendix I	Medium
#1	Structure or Infrastructure Project	WA-8. Seek funding to implement a flood mitigation project to provide floodproofing and retrofitting measures to Waynesboro's downtown commercial area.		Dept. Com. Dev.; Dept. Emergency Management	Long Term	TBD, refer to Appendix I	Medium

CITY OF WAYNESBORO LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Local Planning and Regulations	WA-9. Update and implement the City's stormwater capital improvement plan (last updated 2006) to include current designs and cost estimates for projects addressing flooding and water quality/quantity issues.	Flooding	Dept. Public Works; Dept. Emergency Management	Short Term	DCR CFPF Round 5 Grant (2025)	High
#6	Structure or Infrastructure Project	WA-10. Establish a regional rain and stream gauge monitoring network with the City of Staunton and Augusta County to replace the discontinued IFLOWS system and improve flood warning capabilities.		Dept. Emergency Management; Dept. Emergency Management	Medium Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	WA-11. For city-owned dams, maintain Emergency Action Plans (EAPs) and continue to expand inundation mapping and water-level monitoring. Continue to coordinate with the Headwaters Soil and Water Conservation District on dam monitoring and maintenance.	Dam Failure	Dept. Public Works	Annually	-	Medium
#4	Local Planning and Regulations	WA-12. Implement proactive tree maintenance program for public property and rights-of-way to minimize debris and utility disruption during high wind events. Develop public-private partnerships to extend tree maintenance support to private properties.	High Winds	Dept. Parks & Recreation	Short Term	-	High
#3	Local Planning and Regulations / Education and Awareness	WA-13. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Fire Department	Annually	-	High
#6	Local Planning and Regulations	WA-14. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Dept. Public Works; Dept. Community Development	Medium Term	DEQ WSP Grant (FY26)	Low
#2	Education and Awareness	WA-15. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Dept. Emergency Management	Short Term	-	Low
#3	Natural Systems Protection	WA-16. Continue to monitor emergent sinkholes and coordinate with public works and VDOT as necessary. Support efforts to educate the public on the karst landscape underlying the City and its potential implications.	Sinkholes	Dept. Public Works	Long Term	-	Low
#4	Local Planning and Regulations	WA-17. Continue to implement the City's procedures for road weatherization and maintenance during winter weather events.	Winter Weather	Dept. Public Works	Long Term	-	Medium

CITY OF WAYNESBORO LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Local Planning and Regulations	WA-18. Continue to store (and dispense as needed) Personal Protection Equipment (PPE) for infectious disease outbreaks.	Infectious Disease Outbreak	Dept. Emergency Management	Long Term	-	Low
#5	Education and Awareness	WA-19. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.		Local Emergency Planning Committee	Quarterly	-	High
#6	Local Planning and Regulations	WA-20. Update and maintain the S-A-W Hazardous Materials Emergency Response Plan with the City of Staunton and Augusta County to ensure the city is prepared to manage the emergency response operations necessary to preserve life and protect property from further destruction in the event of an emergency involving hazardous materials.	Hazardous Materials Release	Dept. Emergency Management	Medium Term	-	Medium
#6	Education and Awareness	WA-21. Continue to support the Valley Amateur Radio Association (VARA), which provides expanded radio communication during emergency events, preparedness drills, and public events.	Utility or Infrastructure Failure	Dept. Emergency Management	Long Term	-	Medium
#5	Local Planning and Regulations	WA-22. Continue to conduct/participate in large-scale multidisciplinary exercises for responding to active assailants.	Active Assailant	Dept. Emergency Management	Annually	-	Medium

AUGUSTA COUNTY

AUGUSTA COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Education and Awareness	AU-1. Maintain a relationship with the Virginia Voluntary Organizations Active in Disaster (VOAD).	Multi-Hazard	Dept. Emergency Management	Long Term	-	Long Term
#5	Education and Awareness	AU-2. Continue to provide citizens with in-school programs, communication classes, tours, and emergency management seminars.		Dept. Fire & Rescue	Long Term	-	Long Term
#6	Education and Awareness	AU-3. Coordinate with the Staunton-Augusta-Waynesboro Community Emergency Response Team (S-A-W CERT) and Augusta Health to encourage and improve the disaster readiness of volunteers and the citizenry.		Dept. Emergency Management	Long Term	-	Long Term
#5	Local Planning and Regulations	AU-4. Expand emergency communications capabilities including Reverse 9-1-1 system, incident mapping, Emergency Action Plans (EAPs), dam protocols, mass email notifications, and "Child is Missing" hotline services.		Emergency Communications and Dept. Emergency Management	Medium Term	-	Medium Term
#6	Local Planning and Regulations	AU-5. Maintain an updated regional Emergency Operations Plan (EOP) with the Cities of Staunton and Waynesboro to more effectively and efficiently utilize the resources of the three localities.		Dept. Emergency Management	Short Term	-	Short Term
#6	Local Planning and Regulations	AU-6. Continue the development and implementation of planning, preparedness, and response strategies for pets, livestock, and other animals in the County. Maintain the regional animal sheltering trailer to assist with animal needs during a disaster.		Dept. Animal Control; Dept. Emergency Management	Long Term	-	Long Term
#6	Local Planning and Regulations	AU-7. Continue to partner with the Shenandoah Valley Regional Airport in training and implementation of their Airport Emergency Response Plan.		Dept. Fire & Rescue; Sherriff's Dept.; Emergency Coms.; Dept. Emergency Mgmt.	Long Term	-	Long Term
#4	Local Planning and Regulations	AU-8. Work with the Virginia Department of Transportation (VDOT) to keep roadways and stormwater drainage free from debris, particularly when severe weather is anticipated.		Dept. Community Development; Dept. Emergency Management	Medium Term	-	Medium Term
#4	Structure or Infrastructure Project	AU-9. Evaluate the feasibility of constructing weather stations in the County to build more robust historical data for enhanced monitoring and grant applications.		Dept. Emergency Management	Medium Term	TBD, refer to Appendix I	Medium Term

AUGUSTA COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Local Planning and Regulations	AU-10. Utilize drones and other technology to enhance response and recovery efforts by documenting the impact of hazards. Examples include using drones to assist with damage inspections, wildland firefighting, and hazardous material releases.	Multi-Hazard	Dept. Emergency Management	Medium Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	AU-11. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Dept. Community Development	Annually	-	High
#3	Local Planning and Regulations	AU-12. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Dept. Community Development	Medium Term	DCR CFPF Round 5 Grant (2025)	Medium
#3	Structure or Infrastructure Project	AU-13. Establish a regional rain and stream gauge monitoring network with the City of Staunton and Augusta County to replace the discontinued IFLOWS system and improve flood warning capabilities.		Dept. Emergency Management	Medium Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	AU-14. Develop and adopt an ordinance addressing abandoned structures located within designated floodplains to reduce flood risk and improve floodplain management.		Dept. Community Development	Medium Term	-	Medium
#3	Natural Systems Protection	AU-15. Participate in stream remediation projects through multiple grant programs and perform ongoing maintenance work to improve watershed health and reduce flood risk.		Dept. Community Development	Long Term	-	Medium
#4	Structure or Infrastructure Project	AU-16. Continue to work with Headwaters SWCD to install water level gauges on High Hazard Potential Dams (HHPDs) in the County. Coordinate with DCR to purchase additional gauges.	Dam Failure	Dept. Emergency Management	Short Term	TBD, refer to Appendix I	High
#5	Local Planning and Regulations	AU-17. Coordinate with Headwaters SWCD and participate in yearly Regional Dam Exercises including private dam owners.		Dept. Emergency Mgmt.; Dept. Fire & Rescue; Emergency Coms.	Annually	-	High
#3	Local Planning and Regulations / Education and Awareness	AU-18. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Dept. Fire & Rescue	Annually	-	High
#3	Local Planning and Regulations	AU-19. Integrate wildfire risk assessment into zoning decisions and development review processes to minimize fire hazard exposure in high-risk areas.		Dept. Community Development	Long Term	-	Medium

AUGUSTA COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	AU-20. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Dept. Community Development	Medium Term	DEQ WSP Grant (FY26)	Low
#2	Education and Awareness	AU-21. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Dept. Emergency Management	Short Term	-	Low
#3	Local Planning and Regulations	AU-22. Complete development of the Area 2 Zone of Influence within the County's Source Water Protection Overlay Ordinance to address karst terrain vulnerabilities and protect groundwater resources.	Sinkholes	Dept. Community Development	Medium Term	-	High
#5	Local Planning and Regulations	AU-23. Evaluate the feasibility of creating a comprehensive database for historical and current Tier II hazardous materials reports to enhance chemical monitoring and emergency response planning capabilities.	Hazardous Materials Release	Dept. Emergency Management; Dept. Fire & Rescue	Long Term	-	Medium
#5	Education and Awareness	AU-24. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Quarterly	-	High
#4	Structure or Infrastructure Project	AU-25. Coordinate with Augusta Water to assess emergency generator elevations for critical water supply infrastructure and implement installations at least 1 foot above Base Flood Elevation (BFE).	Utility or Infrastructure Failure	Dept. Community Development	Medium Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	AU-26. Support utility service providers in infrastructure hardening efforts against natural hazards and man-made threats through coordination, planning assistance, and resource sharing.		Dept. Emergency Mgmt.; Dept. Fire & Rescue; Dept. Community Dev.	Long Term	-	High
#5	Local Planning and Regulations	AU-27. Consider implementing a combination of alternate routes, public education campaigns, evacuation route signs, and physical barriers for frequently flooded roads.		Dept. Fire & Rescue; Dept. Emergency Mgmt.; Dept. Com. Dev.	Medium Term	-	Medium
#6	Education and Awareness	AU-28. Continue to support the Valley Amateur Radio Association (VARA), which provides expanded radio communication during emergency events, preparedness drills, and public events.		Dept. Emergency Management	Long Term	-	High

TOWN OF CRAIGSVILLE

TOWN OF CRAIGSVILLE LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	CR-1. Assist as needed with existing and ongoing hazard mitigation plans or projects coordinated between Augusta County and the cities of Staunton and Waynesboro. This includes, but is not limited to, an Emergency Operations Plan (EOP), a Hazardous Materials Emergency Response Plan (HMERP), weather monitoring systems, and emergency communication/dispatch systems.	Multi-Hazard	Town Manager's Office	Long Term	-	Medium
#3	Local Planning and Regulations	CR-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Manager's Office	Annually	-	High
#3	Natural Systems Protection	CR-3. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Manager's Office	Annually	-	Medium
#4	Structure or Infrastructure Project	CR-4. Seek funding to replace and improve infrastructure in key locations throughout the town to reduce flood damage caused by the interior streams, as well as inadequate culverts and infrastructure.		Town Manager's Office	Long Term	TBD, refer to Appendix I	High
#3	Education and Awareness	CR-5. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Manager's Office	Annually	-	High
#6	Local Planning and Regulations	CR-6. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Town Manager's Office	Medium Term	DEQ WSP Grant (FY26)	Medium
#4	Local Planning and Regulations	CR-7. Maintain the Town's partnership with VDOT to implement winter road weatherization and snow removal.	Severe Winter Weather	Town Manager's Office	Long Term	-	Medium
#5	Education and Awareness	CR-8. Encourage residents to participate in the regional Household Hazardous Waste Days, coordinated by Augusta County.	Hazardous Materials Release	Town Manager's Office	Annually	-	Medium
#4	Structure or Infrastructure Project	CR-9. Complete a Preliminary Engineering Report (PER) to comprehensively assess Inflow and Infiltration (I&I) issues affecting the Town's water and wastewater systems.	Utility or Infrastructure Failure	Town Manager's Office	Short Term	DCR CFPF Round 5 Grant (2025)	High

HARRISONBURG-ROCKINGHAM SUBAREA

CITY OF HARRISONBURG

CITY OF HARRISONBURG LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Education and Awareness	HA-1. Continue to support the Harrisonburg-Rockingham Disaster Recovery Task Force, a volunteer group with representatives of local churches, the Red Cross, Salvation Army, United Way, VOAD, Social Services, Rockingham County, and others that work with residents affected by disasters in providing assistance not covered by federal or state recovery programs.	Multi-Hazard	Emergency Management	Long Term	-	High
#3	Local Planning and Regulations	HA-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Community Development	Annually	-	High
#3	Natural Systems Protection	HA-3. Consider flood mitigation actions in the City focused on natural systems protection.		Community Dev.; Public Works	Annually	-	Medium
#3	Local Planning and Regulations	HA-4. Continue participation in FEMA's Cooperating Technical Program (CTP), a technical assistance program sponsored by FEMA that will assist the City in re-mapping the entire floodplain boundary in the City.		Community Development	Long Term	-	Medium
#4	Structure or Infrastructure Project	HA-5. Identify and implement drainage improvement projects to mitigate flooding throughout the City. Projects may be identified through the City's Drainage Improvement Program, the Stormwater Improvement Plan, or other plans and studies.		Community Development; Public Works	Short Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	HA-6. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Community Dev.; Public Works	Short Term	DCR CFPF Round 5 Grant (2025)	Medium
#2	Education and Awareness	HA-7. Conduct outreach in neighborhoods outside of the Special Flood Hazard Areas (SFHA) that have previously identified flooding or flash flooding as an issue to the City.		Community Dev.; Public Works; Emergency Mgmt.	Medium Term	-	Medium
#4	Local Planning and Regulations	HA-8. Strengthen the City's flood monitoring capabilities by evaluating the placement and performance of existing sensors to ensure optimal coverage. Evaluate new locations for additional sensors.		Public Works, Emergency Management	Annually	-	Medium
#3	Local Planning and Regulations / Education and Awareness	HA-9. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage.	Wildfire	Fire Department	Annually	-	Medium

CITY OF HARRISONBURG LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
		4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.					
#2	Education and Awareness	HA-10. Evaluate the potential for several neighborhoods across the City to become Firewise Communities. Assist those communities as needed with achieving the certification.	Wildfire	Fire Department	Long Term	-	Low
#5	Education and Awareness	HA-11. Pursue opportunities to increase public education and awareness about wind-driven fires.	Wildfire/High Winds	Fire Department	Medium Term	-	Low
#5	Local Planning and Regulations	HA-12. Continue to monitor surface water levels during drought periods at all of the City's major water sources (dams/reservoirs) and advise commercial and residential users accordingly.	Drought	Public Utilities	Short Term	-	High
#6	Local Planning and Regulations	HA-13. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.		Community Dev.; Public Works	Medium Term	DEQ WSP Grant (FY26)	Low
#3	Education and Awareness	HA-14. Seek opportunities to identify and increase education and awareness of karst terrain and sinkholes.	Sinkholes	Community Dev.; Public Works.; Emergency Mgmt.	Medium Term	-	Low
#3	Local Planning and Regulations	HA-15. Consider conducting a study of the Urban Heat Island (UHI) effect in the City.	Extreme Temperatures	Community Development	Medium Term	-	Low
#2	Education and Awareness	HA-16. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.		Social Services; Emergency Mgmt.; Community Paramedics	Short Term	-	High
#5	Education and Awareness	HA-17. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreaks	Emergency Management	Quarterly	-	High
#5	Local Planning and Regulations	HA-18. Conduct regular inspections with known hazardous materials sites, maintain the City's database, and enforce compliance through the Fire Marshal’s Office.	Hazardous Materials Release	Fire Marshals, Emergency Management	Long Term	-	High
#4	Local Planning and Regulations	HA-19. Continue to support the electric cooperative's Black Start Initiative, a plan for a large grid failure scenario that prioritizes areas for power return.	Utility or Infrastructure Failure	HEC, Emergency Mgmt., City Departments	Medium Term	-	High
#5	Education and Awareness	HA-20. Continue to expand and hold annual active assailant training and education through the City's existing multi-discipline program.	Active Assailant	Public Safety Agencies, City Schools	Long Term	-	High

ROCKINGHAM COUNTY

ROCKINGHAM COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Education and Awareness	RH-1. Continue to support the Harrisonburg-Rockingham Disaster Recovery Task Force, a volunteer group with representatives of local churches, the Red Cross, Salvation Army, United Way, VOAD, Social Services, Rockingham County, and others that work with residents affected by disasters in providing assistance not covered by federal or state recovery programs.	Multi-Hazard	Dept. Fire & Rescue	Long Term	-	High
#6	Local Planning and Regulations	RH-2. Continue support of the Harrisonburg and Rockingham SPCA emergency shelter for pets and livestock during a disaster.		Dept. Fire & Rescue	Long Term	-	Medium
#5	Structure or Infrastructure Project	RH-3. Implement public safety projects identified in the County's FY26-30 Capital Improvement Program, including the Fulks Run Emergency Response Station, Dayton Emergency Response Station, and various ECC projects.		Dept. Fire & Rescue	Medium Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	RH-4. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Dept. Engineering	Annually	-	High
#3	Natural Systems Protection	RH-5. Consider flood mitigation actions in the County focused on natural systems protection.		Dept. Engineering	Annually	-	Medium
#3	Local Planning and Regulations	RH-6. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Dept. Engineering	Medium Term	DCR CFPF Round 5 Grant (2025)	Low
#2	Education and Awareness	RH-7. Continue participation in the Department of Forestry's Firewise Program, a community awareness and education program that encourages and acknowledges woodland communities to take action to minimize home loss to wildfires by preparing for a fire before it occurs.	Wildfire	Dept. Fire & Rescue	Long Term	-	High
#3	Local Planning and Regulations / Education and Awareness	RH-8. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.		Dept. Fire & Rescue	Annually	-	High

ROCKINGHAM COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	RH-9. Meet annually with various wildfire-related stakeholders prior to the fire season to enhance training and resource distribution.	Wildfire	Dept. Fire & Rescue	Annually	-	Medium
#6	Local Planning and Regulations	RH-10. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Dept. Com. Dev.; Dept. Public Works	Long Term	DEQ WSP Grant (FY26)	Low
#4	Structure or Infrastructure Project	RH-11. Implement the water system projects identified in the County's FY26-30 Capital Improvement Program, including the Chestnut Ridge Water Tank Construction, City Water Interconnection on Route 11 South, Pump Station Upgrades, and the Route 11 North Sewer Extension.		Dept. Public Works	Medium Term	TBD, refer to Appendix I	High
#3	Education and Awareness	RH-12. Seek opportunities to identify and increase education and awareness of karst terrain and sinkholes.	Sinkholes	Dept. Community Development	Long Term	-	Low
#2	Education and Awareness	RH-13. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Dept. Fire & Rescue	Long Term	-	High
#5	Structure or Infrastructure Project	RH-14. Ensure that the County's designated shelters and cooling stations are supported by back-up emergency generators.		Dept. Fire & Rescue	Annually	TBD, refer to Appendix I	High
#4	Local Planning and Regulations	RH-15. Continue to work with VDOT to implement road weatherization procedures.	Severe Winter Weather	Dept. Public Works	Long Term	-	High
#5	Education and Awareness	RH-16. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Quarterly	-	High
#1	Local Planning and Regulations	RH-17. Continue to coordinate with and support the Virginia Poultry Disease Task Force, led by the Virginia Department of Agriculture and Consumer Services (VDACS). Help implement procedures outlined in the Virginia Initial State Response and Containment Plan (ISRCP) to prevent or provide rapid response to infectious disease outbreaks among poultry.		Dept. Fire & Rescue	Annually	-	High
#6	Local Planning and Regulations	RH-18. Continue to coordinate the Regional Hazardous Materials Team.	Hazardous Materials Release	Regional Hazardous Materials Team	Quarterly	-	High
#4	Local Planning and Regulations	RH-19. Coordinate with local utility providers and align public infrastructure priorities and maintenance procedures.	Utility or Infrastructure Failure	Dept. Community Development; Dept. Public Works	Annually	-	Medium
#5	Education and Awareness	RH-20. Continue to work with the Sheriff department and local schools to conduct training and table exercises for active assailant scenarios.	Active Assailant	Dept. Fire & Rescue	Annually	-	High

TOWN OF BRIDGEWATER

TOWN OF BRIDGEWATER LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	BW-1. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Public Works	Annually	-	High
#3	Natural Systems Protection	BW-2. Consider flood mitigation actions in the Town focused on natural systems protection.		Public Works; Planning	Annually	-	Low
#3	Local Planning and Regulations	BW-3. Maintain the Town's participation in the Community Rating System (CRS). Consider implementing additional creditable activities to enhance the Town's class rating. Creditable activities generally fall under four categories and are detailed in the CRS Coordinator's Manual. The four categories are: 1) Public information, 2) Mapping and regulations, 3) Flood damage reduction, 4) Warning and response.		Public Works; Planning	Annually	-	High
#3	Natural Systems Protection	BW-4. As the opportunity arises, continue the Town's effort to acquire properties in Special Flood Hazard Areas (SFHAs) for open space preservation and public use.		Planning	Long Term	TBD, refer to Appendix I	Medium
#4	Structure or Infrastructure Project	BW-5. Continue to coordinate with the United States Army Corps of Engineers (USACE) to preserve the levee's structural integrity through regular maintenance and inspections.		Public Works	Annually	-	High
#5	Education and Awareness	BW-6. Continue to support initiatives, such as the Old Town Hall's exhibit, that increase public awareness of the Town's flood history.		Town Administration	Long Term	-	Medium
#4	Local Planning and Regulations	BW-7. Complete the installation of SWaT Meters to replace existing, older manual read water meters.		Public Works	Short Term	-	High
#3	Local Planning and Regulations	BW-8. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Town Admin; Public Works; Planning	Short Term	DCR CFPF Round 5 Grant (2025)	Low
#3	Education and Awareness	BW-9. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Police Dept.	Long Term	-	Low

TOWN OF BRIDGEWATER LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	BW-10. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Town Administration; Public Works	Medium Term	DEQ WSP Grant (FY26)	Low
#2	Education and Awareness	BW-11. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Town Administration	Long Term	-	Medium
#4	Local Planning and Regulations	BW-12. Maintain the Town's partnership with VDOT to implement winter road weatherization and snow removal.	Severe Winter Weather	Public Works	Long Term	-	Medium
#5	Education and Awareness	BW-13. Encourage residents to participate in the regional Household Hazardous Waste Days, coordinated by Rockingham County.	Hazardous Materials Release	Town Administration	Annually	-	Low
#4	Local Planning and Regulations	BW-14. Continue to assist the Fountainhead Subdivision with planning and implementing water, sewer, and stormwater improvements.	Utility or Infrastructure Failure	Public Works; Planning	Short Term	DHCD CDBG Planning Grant (2025)	High
#4	Structure or Infrastructure Project	BW-15. Continue to plan and implement the Southwestern Water Trunk project, which will install a new water line from the Water Treatment Plant to Holly Hill to improve residual water pressure in Holly Hill and in the 500 and 600 blocks of West Bank Street.		Public Works; Planning	Short Term	TBD, refer to Appendix I	High

TOWN OF BROADWAY

TOWN OF BROADWAY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Structure or Infrastructure Project	BR-1. Expand water treatment plant and water storage capacity and distribution infrastructure to ensure reliable access to safe potable water that meets current demands, supports future development, and maintains adequate supply during emergency conditions and peak usage periods.	Multi-Hazard	Public Works; Water Plant	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	BR-2. Expand the capacity of the Town's water distribution system by upgrading key water lines to diameter pipes and improving water pressure to ensure adequate flow rates and supply duration for effective fire suppression.		Public Works; Water Plant	Long Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	BR-3. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Admin	Short Term	-	High
#3	Natural Systems Protection	BR-4. Complete a stream bank restoration project on the full length of Linville Creek to repair erosion that has already occurred and lessen future erosion. Linville Creek is the back-up water supply for the Town. The purpose of this project is to protect water and sewer lines, floodplain management, and protect the water intake.		Town Admin; Public Works	Medium Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	BR-5. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Town Admin; Public Works	Short Term	DCR CFPF Round 5 Grant (2025)	Medium
#3	Local Planning and Regulations	BR-6. Strengthen land use regulations to prohibit development in the Floodway and discourage new development in the floodplain. Consider acquiring structures in the floodplain.		Town Admin	Medium Term	-	Medium
#3	Education and Awareness	BR-7. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Admin; Fire Dept.	Short Term	-	Low
#5	Local Planning and Regulations	BR-8. Ensure development patterns maintain adequate emergency vehicle access to enable effective fire suppression and resident evacuation during fire events.		Town Admin; Fire Dept.	Short Term	-	Low

TOWN OF BROADWAY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Local Planning and Regulations	BR-9. Coordinate with Dominion Energy and the Shenandoah Valley Electric Cooperative (SVEC) to prioritize underground power line installation in wildfire risk areas and implement vegetation management around existing overhead lines to reduce ignition sources and prevent utility-caused wildfires.	Wildfire	Town Admin; Dominion; SVEC	Long Term	-	Low
#6	Local Planning and Regulations	BR-10. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Town Admin; Public Works; CSPDC	Medium Term	DEQ WSP Grant (FY26)	Low
#4	Structure or Infrastructure Project	BR-11. Acquire additional sources of water such as springs and reservoirs.		Public Works; Water Plant	Long Term	-	Medium
#4	Structure or Infrastructure Project	BR-12. Address critical water leak(s) at the community pool facility into underlying karst geology. The water discharge into suspected karst features creates both immediate facility operational issues and long-term community safety hazards.	Sinkholes	Town Admin; Public Works	Short Term	TBD, refer to Appendix I	High
#5	Structure or Infrastructure Project	BR-13. Maintain well-equipped emergency shelters that are supported by backup generators.	Extreme Temperatures	Town Admin; Emergency Squad	Medium Term	TBD, refer to Appendix I	Medium
#4	Structure or Infrastructure Project	BR-14. Purchase equipment for salting and plowing roadways.	Severe Winter Weather	Town Admin; Public Works	Long Term	TBD, refer to Appendix I	Medium
#5	Education and Awareness	BR-15. Continue to alert residents of infectious disease outbreaks as needed.	Infectious Disease Outbreak	Town Admin	Long Term	-	Low
#4	Local Planning and Regulations	BR-16. Conduct an Inflow and infiltration (I&I) study to identify where stormwater inflow and groundwater infiltration are entering the wastewater system.	Utility or Infrastructure Failure	Town Admin; Public Works; Wastewater Superintendent	Medium Term	-	Medium
#4	Structure or Infrastructure Project	BR-17. Update and bolster the Town's water and wastewater system by: 1) Installing backup generators at all sewer pump stations. 2) Replacing the backup generator and blowers at the sewer plant. 3) Replacing the old portable generator and pump.		Town Admin; Water Plant; Wastewater Plant	Medium Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	BR-18. Routinely inspect and remove debris from stormwater and sewer collection systems.		Town Admin; Public Works; Wastewater Superintendent	Medium Term	-	Medium
#4	Structure or Infrastructure Project	BR-19. Expand the capacity of the Town's wastewater distribution system by upgrading key sewer lines to larger diameter pipes and installing redundant sewer lines to critical facilities.		Town Admin; Public Works; Wastewater Superintendent	Medium Term	TBD, refer to Appendix I	Medium
#6	Local Planning and Regulations	BR-20. Coordinate with Rockingham County to update, maintain, and implement that County Emergency Operations Plan and Hazardous Materials Plan as needed.	Hazardous Materials Release	Town Admin; Police Department;	Medium Term	-	Low

TOWN OF DAYTON

TOWN OF DAYTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	DA-1. Install emergency back-up generators at the Town's critical facilities, including the Town Hall, Police Department, Public Works Garage, and fuel pumps to ensure continuity of operations.	Multi-Hazard	Administration; Police Dept.	Short Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	DA-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Administration	Annually	-	Medium
#3	Local Planning and Regulations	DA-3. Conduct a hydrologic study and floodplain analysis to identify flood-vulnerable areas along Cook's Creek and assess the feasibility mitigation projects on town-owned properties.		Administration; Com & Econ Development	Medium Term	-	Medium
#3	Structure or Infrastructure Project	DA-4. Implement stormwater management improvements to address drainage deficiencies and flooding issues on Main Street and College Street.		Administration; Public Works	Medium Term	TBD, refer to Appendix I	High
#1	Structure or Infrastructure Project	DA-5. Retrofit commercial and residential structures along the U.S. 42 corridor to be more resilient to flooding and stormwater runoff.		Administration; Com & Econ Development	Medium Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	DA-6. Coordinate with the CSPDC to develop a Flood Resilience Plan that identifies community flooding and stormwater needs and produces a list of prioritized projects that can be funded through DCR CFPF implementation funding.		Administration	Short Term	DCR CFPF Round 5 Grant (2025)	Low
#3	Education and Awareness	DA-7. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Administration	Long Term	-	Low
#3	Education and Awareness	DA-8. Implement a fire education program to educate citizens on the fire code and burning permits.		Administration; Fire Dept.	Long Term	-	Low
#4	Structure or Infrastructure Project	DA-9. Implement projects identified in the Town's Capital Improvement Program to improve water supply, including the well and high-service pump replacement project (for FY26).	Drought	Administration; Water & Sewer Dept.	Short Term	TBD, refer to Appendix I	High

TOWN OF DAYTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Structure or Infrastructure Project	DA-10. Design and build a 2.5-million-gallon water storage facility to meet rising water demands and ensure system reliability.	Drought	Administration; Water & Sewer Dept.	Short Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	DA-11. Dig test wells to prepare for a new groundwater source.		Administration; Water & Sewer Dept.	Long Term	-	Low
#6	Local Planning and Regulations	DA-12. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.		Administration; Water & Sewer Dept.	Short Term	DEQ WSP Grant (FY26)	Low
#3	Local Planning and Regulations	DA-13. Study the karst areas in Town limits, as identified by Virginia Energy's dataset. Inform landowners of potential concerns or consequences. As needed, partner with VDOT to monitor or repair any streets in these areas.	Sinkholes	Administration; Com & Econ Development	Medium Term	-	Low
#4	Local Planning and Regulations	DA-14. Maintain the Town's partnership with VDOT to implement road weatherization.	Severe Winter Weather	Administration; Public Works	Annually	-	Medium
#5	Local Planning and Regulations	DA-15. Continue to coordinate with Cargill during emergency evacuations related to chemical releases. Transmit critical information to Town residents as necessary.	Hazardous Materials Release	Administration	Short Term	-	Medium
#5	Education and Awareness	DA-16. Encourage residents to participate in the regional Household Hazardous Waste Days, coordinated by Rockingham County.		Administration	Short Term	-	Low
#4	Local Planning and Regulations	DA-17. Seek funding to implement the Town's water/sewer line repair and replacement program.	Utility or Infrastructure Failure	Administration; Public Works	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	DA-18. Install lightning protection systems on the Town's water tank to prevent storm-related damage to critical water supply infrastructure and ensure continuous service during severe weather events.		Administration; Public Works	Medium Term	TBD, refer to Appendix I	Medium

TOWN OF ELKTON

TOWN OF ELKTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	EL-1. Install an emergency back-up generator at the Town's Community Center to ensure the building is suitable as an emergency shelter.	Multi-Hazard	Police & Public Safety Department	Short Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	EL-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Planning & Community Development	Annually	-	High
#3	Natural Systems Protection	EL-3. Consider flood mitigation actions in the Town focused on natural systems protection.		Planning & Community Development	Annually	-	Medium
#3	Natural Systems Protection	EL-4. Seek funding and implement the Elk Run Creek Stream Restoration Project, which includes the restoration and stabilization of approximately 420 feet of stream bank in downtown Elkton.		Planning & Community Development	Short Term	DEQ IIJA Sub-award (CY26)	High
#3	Local Planning and Regulations	EL-5. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Planning & Community Development	Medium Term	DCR CFPF Round 5 Grant (2025)	Medium
#6	Local Planning and Regulations	EL-6. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Planning & Community Development; Public Works Department	Medium Term	DEQ WSP Grant (FY26)	Low
#3	Education and Awareness	EL-7. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Police & Public Safety Department	Annually	-	Medium
#2	Education and Awareness	EL-8. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Police & Public Safety Department	Medium Term	-	Medium

TOWN OF ELKTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Education and Awareness	EL-9. Encourage residents to participate in the regional Household Hazardous Waste Days, coordinated by Rockingham County.	Hazardous Materials Release	Police & Public Safety Department	Annually	-	Low
#6	Local Planning and Regulations	EL-10. Coordinate with Rockingham County to maintain the Hazardous Materials Release Emergency Plan.		Police & Public Safety Department	Medium Term	-	Low
#4	Local Planning and Regulations	EL-11. Maintain the Town's partnership with VDOT to implement road weatherization.	Severe Winter Weather	Public Works Department	Long Term	-	High

TOWN OF GROTTOES

TOWN OF GROTTOES LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	GR-1. Consider installing an emergency generator at the South River Elementary School to make it a secondary emergency shelter. (Fire Department is primary shelter).	Multi-Hazard	Town Office; Police Department	Medium Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	GR-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Office	Annually	-	High
#3	Natural Systems Protection	GR-3. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Office	Annually	-	Medium
#3	Local Planning and Regulations	GR-4. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Town Office; Public Works Department	Medium Term	DCR CFPF Round 5 Grant (2025)	Low
#3	Structure or Infrastructure Project	GR-5. Complete the Grottoes Stormwater Drainage Improvement Project to address flooding caused by ponding and poor drainage along Miller Run and Dry Run. Project improvements such as ditching, replacement of undersized culverts, and drainage piping will protect between 30 and 50 structures and eliminate water on roads, yards, and crawl spaces.		Town Office; Public Works Department	Long Term	TBD, refer to Appendix I	High
#3	Natural Systems Protection	GR-6. Extend earthen berm in Grottoes Town Park to provide protection to the park, which periodically receives flooding from the South River.		Town Office; Public Works Department	Long Term	TBD, refer to Appendix I	High
#4	Local Planning and Regulations	GR-7. Continue periodic maintenance of culverts to reduce the impact of flooding.		Public Works Department	Medium Term	-	High
#3	Education and Awareness	GR-8. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Office; Police Department	Annually	-	Medium
#5	Education and Awareness	GR-9. Continue to inform residents of drought-related advisories through social media and the Town's text alerting system.	Drought	Town Office	Long Term	-	Medium
#6	Local Planning and Regulations	GR-10. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.		Town Office; Public Works Department	Medium Term	DEQ WSP Grant (FY26)	Medium

TOWN OF GROTTOES LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#2	Education and Awareness	GR-11. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Town Office	Medium Term	-	Medium
#4	Local Planning and Regulations	GR-12. Maintain the Town's partnership with VDOT to implement road weatherization.	Severe Winter Weather	Public Works Department	Long Term	-	High
#5	Education and Awareness	GR-13. Encourage residents to participate in Household Hazardous Waste Days, organized by both Rockingham County and Augusta County.	Hazardous Materials Release	Town Office	Annually	-	Medium

TOWN OF MOUNT CRAWFORD

TOWN OF MOUNT CRAWFORD LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	MC-1. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Administration; Rockingham Co. Engineering Dept.	Long Term	-	High
#3	Natural Systems Protection	MC-2. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Administration	Long Term	-	Low
#3	Natural Systems Protection	MC-3. Continue the plans to improve the Town Hall property with floodplain management and environmental conservation and preservation. Reduce the potential for erosion by implementing Best Management Practices (BMPs), such as planting trees and vegetation to stabilize the streambank.		Town Administration	Short Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MC-4. Study and explore the feasibility of stormwater management alternatives at the intersection of Parsons Court and Main Street, a frequently flooded intersection. Coordinate with VDOT on implementing any study outcomes.		Town Administration	Medium Term	TBD, refer to Appendix I	High
#6	Local Planning and Regulations	MC-5. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Town Administration	Short Term	DCR CFPF Round 5 Grant (2025)	Medium
#4	Local Planning and Regulations	MC-6. Create a regular schedule for Town staff to drive around and assess utility lines and vegetation. Notify VDOT as needed for maintenance.	High Winds	Town Administration	Medium Term	-	Low
#3	Education and Awareness	MC-7. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Administration; Rockingham County Fire & Rescue	Annually	-	Medium
#6	Local Planning and Regulations	MC-8. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Town Administration	Medium Term	DEQ WSP Grant (FY26)	Low
#3	Local Planning and Regulations	MC-9. Continue to monitor the sinkhole on the Town Hall property and implement stabilization measures as feasible.	Sinkholes	Town Administration	Medium Term	-	High
#4	Local Planning and Regulations	MC-10. Coordinate with VDOT to address any road segments affected by sinkholes.	Sinkholes	Town Administration	Long Term	-	High

TOWN OF MOUNT CRAWFORD LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	MC-11. Establish and equip emergency shelter locations at both ends of Town, such as the Town Hall and the Ruritan Hall, to shelter vulnerable residents during extreme weather events that disrupt critical services.	Extreme Temperatures	Town Administration	Long Term	TBD, refer to Appendix I	Medium
#2	Education and Awareness	MC-12. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.		Town Administration	Medium Term	-	Medium
#5	Education and Awareness	MC-13. Transmit public health information from the Virginia Department of Health (VDH) and Rockingham Fire and Rescue to Town residents as outbreaks occur.	Infectious Disease Outbreak	Town Administration	Long Term	-	Medium
#5	Education and Awareness	MC-14. Encourage residents to participate in the regional Household Hazardous Waste Days, coordinated by Rockingham County.	Hazardous Materials Release	Town Administration	Annually	-	Medium
#5	Structure or Infrastructure Project	MC-15. Install an emergency generator at Town Hall to ensure continuity of service during hazardous events.	Utility or Infrastructure Failure	Town Administration	Medium Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	MC-16. Coordinate with the Rockingham County Public Works Department on plans for water/sewer line repair and replacement.		Town Admin; Rockingham Co. Public Works Dept.	Long Term	-	High

TOWN OF TIMBERVILLE

TOWN OF TIMBERVILLE LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	TI-1. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Manager's Office	Annually	-	High
#3	Natural Systems Protection	TI-2. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Manager's Office	Annually	-	Medium
#3	Local Planning and Regulations	TI-3. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Town Manager's Office	Short Term	DCR CFPF Round 5 Grant (2025)	Medium
#4	Local Planning and Regulations	TI-4. Conduct a stormwater management study to determine the effectiveness of the Town's stormwater system, highlight vulnerable areas to flooding, and provide recommendations for system improvements.		Town Manager's Office	Medium Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	TI-5. Explore options with the Army Corps of Engineers to dredge the river and further define its channel, particularly around Memorial Park.		Town Manager's Office	Long Term	-	Low
#3	Education and Awareness	TI-6. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Manager's Office; Police Department	Annually	-	Low
#6	Local Planning and Regulations	TI-7. Assist the CSPDC with the update and adoption of the Shenandoah River Water Supply Plan as mandated by DEQ.	Drought	Town Manager's Office; Public Works	Medium Term	DEQ WSP Grant (FY26)	Medium
#4	Local Planning and Regulations	TI-8. Pending the results of GZA's water source study for the town, begin identifying and developing test wells. Assess locations for an additional water tank to manage consequential changes to water pressure.		Town Manager's Office; Public Works	Short Term	-	High
#4	Local Planning and Regulations	TI-9. Assess locations for an additional water tank to manage consequential changes to water pressure as the Town grows and water demand increases.	Drought	Town Manager's Office; Public Works	Medium Term	-	Medium

TOWN OF TIMBERVILLE LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#2	Education and Awareness	TI-10. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Town Manager's Office	Long Term	-	Low
#4	Local Planning and Regulations	TI-11. Maintain the Town's partnership with VDOT to implement winter road weatherization and snow removal. Prepare a weatherization program for when the Town assumes ownership of the roads.	Winter Weather	Town Manager's Office; Public Works	Annually	-	Medium
#5	Education and Awareness	TI-12. Continue to coordinate with Perdue and Cargill during emergency evacuations related to chemical releases. Transmit critical information to Town residents as necessary.	Hazardous Materials Release	Town Manager's Office	Long Term	-	High
#4	Structure or Infrastructure Project	TI-13. Implement security measures, such as fencing, to protect the Town's water sources.	Utility or Infrastructure Failure	Town Manager's Office	Long Term	TBD, refer to Appendix I	Low
#4	Structure or Infrastructure Project	TI-14. Assess the feasibility of installing emergency generators at the Town's water sources and water pump stations. Pursue relevant grant opportunities as they arise.		Town Manager's Office; Public Works	Long Term	TBD, refer to Appendix I	Medium
#5	Education and Awareness	TI-15. Continue to provide training on active shooter scenarios, which are available to participants across the region.	Active Assailant	Police Department	Annually	-	High

JAMES MADISON UNIVERSITY

JAMES MADISON UNIVERSITY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	JMU-1. Continue to coordinate and align the University's Crisis Emergency Management Plan (CEMP) with the Harrisonburg-Rockingham Emergency Operations Plan (EOP).	Multi-Hazard	Office of Emergency Management	Long Term	-	High
#3	Natural Systems Protection	JMU-2. Consider flood mitigation actions at the University focused on natural systems protection. Mitigation actions would include, but not limited to, natural systems protection and restoration, stormwater management facility modification or new installation, education and awareness campaigns, backflow prevention for utility infrastructure or removal of impervious surfaces in flood zones.	Flooding	Facilities Management and Construction	Long Term	-	Low
#3	Natural Systems Protection	JMU-3. Support and implement, when feasible, the floodplain restoration goals and objectives identified in the approved Campus Master Plan.		Facilities Management and Construction	Long Term	TBD, refer to Appendix I	Medium
#3	Education and Awareness	JMU-4. Continue to support education and awareness regarding best practices on karst terrain through existing partnerships with the Central Shanandoah Planning District Commission (CSPDC) and Shenandoah Valley Soil and Water Conservation District (SVSWCD).	Sinkholes	Facilities Management and Construction	Long Term	-	Medium
#3	Local Planning and Regulations	JMU-5. Explore the possibility of digitizing karst information from geotechnical reports related to past Campus developments.		Facilities Management and Construction	Short Term	-	High
#5	Local Planning and Regulations	JMU-6. Maintain and operationalize the University's established medical distribution plan, including the Memorandum of Understanding (MOU) with the Virginia Department of Health, to ensure timely storage and distribution of pharmaceuticals and personal protective equipment (PPE) from the Strategic National Stockpile during an infectious disease outbreak.	Infectious Disease Outbreak	Office of Emergency Management	Long Term	-	Medium
#4	Local Planning and Regulations	JMU-7. Assess the age and condition of infrastructure (water, sewer, electric, stormwater management) throughout Campus. Coordinate with the City as needed.	Utility or Infrastructure Failure	Facilities Management and Construction	Medium Term	-	Medium
#5	Education and Awareness	JMU-8. Continue implementing and advertising existing safety training and plans through the JMU Safety Champions series and other campus opportunities.	Active Assailant	Office of Emergency Management	Annually	-	High

LEXINGTON-ROCKBRIDGE-BUENA VISTA SUBAREA

CITY OF BUENA VISTA

CITY OF BUENA VISTA LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	BV-1. Develop a Tree Canopy Goal and tree planting plan in collaboration with the Green Infrastructure Center. Prioritize implementation of actions that address tree canopy coverage while mitigating multiple hazards including flooding, urban heat island effects, and soil erosion.	Multi-Hazard	Planning, Zoning & Community Development	Short Term	-	High
#3	Local Planning and Regulations	BV-2. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Building/Property Maintenance Official	Long Term	-	High
#3	Natural Systems Protection	BV-3. Consider flood mitigation actions in the City focused on natural systems protection.		Planning, Zoning & Community Dev.	Annually	-	Medium
#4	Local Planning and Regulations	BV-4. Develop comprehensive maintenance plan for all flood and stormwater infrastructure assets, specifically creeks with channel modifications, sediment basins, the James Olin Flood Control Project, culverts, and bridges.		Public Works	Short Term	-	High
#3	Structure or Infrastructure Project	BV-5. Continue implementation of the USDA-funded Buena Vista Watershed Protection Project to prevent flooding from four interior streams. Project protects 240 residences, 70 commercial structures, and utilities through debris basin construction, culvert/bridge replacement, and stream channel improvements.		Planning, Zoning & Community Development	Long Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	BV-6. Develop a DCR-approved Flood Resilience Plan including review of the City's 1999 Watershed Plan to identify and prioritize flood mitigation and stormwater projects eligible for Community Flood Preparedness Fund (CFPF) and other grants.		Planning, Zoning & Community Development	Short Term	DCR CFPF Round 4 Grant (2024)	High
#4	Local Planning and Regulations	BV-7. Maintain partnership with U.S. Army Corps of Engineers (USACE) for levee/flood wall maintenance along Maury River. Pursue co-benefits including recreational trail expansion connecting to Chessie Trail network.		Public Works; Planning, Zoning & Community Dev.; Parks & Recreation	Long Term	-	High
#3	Local Planning and Regulations / Education and Awareness	BV-8. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Police Department; Rockbridge County Fire & Rescue	Long Term	-	Medium

CITY OF BUENA VISTA LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	BV-9. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	Public Service Authority; Planning, Zoning & Community Dev.	Medium Term	DEQ WSP Grant (FY26)	Low
#5	Structure or Infrastructure Project	BV-10. Enhance emergency shelter capacity and resilience by ensuring facilities are equipped with adequate HVAC systems, backup generators, and emergency supplies for extended operations during extreme heat and cold events.	Extreme Temperatures	Public Works; Police Department	Long Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	BV-11. Continue to implement the City's procedures for road weatherization and maintenance during winter weather events.	Severe Winter Weather	Public Works	Long Term	-	High
#5	Education and Awareness	BV-12. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	City Manager's Office; LEPC	Quarterly	-	High
#5	Local Planning and Regulations	BV-13. Update and maintain a comprehensive Hazardous Materials Emergency Response Plan (HMERP) including identification of local hazmat risks, response procedures, evacuation protocols, and coordination with regional hazmat teams.	Hazardous Materials Release	Police Department	Long Term	-	Medium
#5	Structure or Infrastructure Project	BV-14. Expand backup generator capacity beyond current installations at the high school and police department. Prioritize critical facilities including City Hall, water treatment plant, emergency operations center, and primary emergency shelters.	Utility or Infrastructure Failure	Public Works; Police Department	Long Term	TBD, refer to Appendix I	Medium
#5	Local Planning and Regulations	BV-15. Conduct security assessments of public buildings and events with recommendations for physical security improvements.	Active Assailant	Police Department	Medium Term	-	Medium

CITY OF LEXINGTON

CITY OF LEXINGTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations	LX-1. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Planning & Development	Annually	-	High
#3	Natural Systems Protection	LX-2. Consider flood mitigation actions in the City focused on natural systems protection.		Planning & Development	Annually	-	Medium
#3	Local Planning and Regulations	LX-3. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Planning & Development; Public Works	Medium Term	DCR CFPF Round 5 Grant (2025)	Low
#3	Natural Systems Protection	LX-4. Complete the Woods Creek Restoration Project to address water quality/quantity problems along Woods Creek, which runs through the city. The project includes establishing riparian buffers, controlling stormwater runoff, modifying existing stormwater retention facilities, and educating property owners about water quality/quantity issues.		Public Works	Medium Term	TBD, refer to Appendix I	High
#4	Local Planning and Regulations	LX-5. Maintain the emergency action plan and inundation study for Moores Creek Dam.	Dam Failure	Emergency Management	Annually	-	High
#4	Local Planning and Regulations	LX-6. Coordinate with Rockbridge County and the Maury Service Authority to consider options for decommissioning or transferring ownership of Moores Creek Dam, which serves as emergency water supply source.		City Manager's Office	Short Term	-	Medium
#6	Local Planning and Regulations	LX-7. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	Planning & Development; Public Works	Medium Term	DEQ WSP Grant (FY26)	Medium
#3	Local Planning and Regulations	LX-8. Continue to monitor emergent sinkholes. Coordinate with relevant agencies and utility providers as needed.	Sinkholes	Public Works	Long Term	-	Medium
#3	Local Planning and Regulations / Education and Awareness	LX-9. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Fire & Rescue / Emergency Management	Annually	-	High

CITY OF LEXINGTON LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Education and Awareness	LX-10. Continue to communicate Winter Weather Policies and Procedures to the community to encourage compliance with the City's ordinance.	Severe Winter Weather	City Manager's Office; Public Works	Annually	-	Medium
#2	Education and Awareness	LX-11. Continue to direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	City Manager's Office	Annually	-	Low
#5	Education and Awareness	LX-12. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreak	Local Emergency Planning Committee	Quarterly	-	Low
#5	Local Planning and Regulations	LX-13. Ensure the City's Emergency Operations Plan (EOP) is up to date as it relates to Hazardous Materials Release.	Hazardous Materials Release	Fire & Rescue / Emergency Management	Annually	-	High
#4	Structure or Infrastructure Project	LX-14. Continue to implement the multi-phased plans to replace water, sewer, and stormwater infrastructure in the Jackson Avenue neighborhood.	Utility or Infrastructure Failure	Public Works	Medium Term	-	High
#5	Local Planning and Regulations	LX-15. Support opportunities as they arise for the local Rescue Task Force to conduct training and purchase equipment and emergency kits.	Active Assailant	Fire & Rescue / Emergency Management	Annually	-	Low

ROCKBRIDGE COUNTY

ROCKBRIDGE COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Education and Awareness	RB-1. Encourage and maintain active participation in the Rockbridge Area Local Emergency Planning Committee (LEPC).	Multi-Hazard	Dept. Fire-Rescue & Emergency Management	Long Term	-	Medium
#5	Structure or Infrastructure Project	RB-2. Ensure all emergency shelters are equipped with adequate backup generators and maintain operational readiness for extended power outages during disasters.		Dept. Fire-Rescue & Emergency Management	Medium Term	-	High
#5	Local Planning and Regulations	RB-3. Maintain and implement the regional Emergency Operations Plan (EOP), covering Rockbridge County, the City of Buena Vista, and the City of Lexington.		Dept. Fire-Rescue & Emergency Management	Long Term	-	High
#3	Local Planning and Regulations	RB-4. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Dept. Community Dev.; Dept. E & S Control	Annually	-	High
#3	Natural Systems Protection	RB-5. Consider flood mitigation actions in the County focused on natural systems protection, such as wetland preservation, riparian buffer enhancement, and green infrastructure development.		Dept. Community Dev.; Dept. E & S Control	Annually	-	Medium
#5	Local Planning and Regulations	RB-6. Assess feasibility of expanding water monitoring systems including precipitation gauges and stream level monitoring equipment to enhance flood forecasting and warning capabilities.		Dept. Fire-Rescue & Emergency Management	Long Term	-	Medium
#3	Local Planning and Regulations	RB-7. Coordinate with the CSPDC to develop and adopt a Regional Flood Resilience Plan that identifies community flooding and stormwater needs and prioritizes projects that can be funded through DCR CFPF implementation funding.		Dept. Community Dev.; Dept. E & S Control	Medium Term	DCR CFPF Round 5 Grant (2025)	Medium
#4	Local Planning and Regulations	RB-8. Maintain Emergency Action Plans (EAPs) for County-owned dams and continue open communication with private dam operators in the County.	Dam Failure	Dept. Fire-Rescue & Emergency Management	Long Term	-	High
#2	Education and Awareness	RB-9. Promote the National Firewise Communities Program by educating qualifying neighborhoods about certification requirements and benefits and assist communities in achieving Firewise status.	Wildfire	Dept. Fire-Rescue & Emergency Management	Medium Term	-	Medium

ROCKBRIDGE COUNTY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#3	Local Planning and Regulations / Education and Awareness	RB-10. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Dept. Fire-Rescue & Emergency Management	Annually	-	High
#4	Local Planning and Regulations	RB-11. Evaluate installation of additional dry hydrants through the Virginia Department of Forestry's Dry Hydrant Program to improve fire suppression capabilities in rural areas.		Dept. Fire-Rescue & Emergency Management	Medium Term	-	Medium
#6	Local Planning and Regulations	RB-12. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	Dept. Community Dev.; Dept. E & S Control	Medium Term	DEQ WSP Grant (FY26)	Low
#2	Education and Awareness	RB-13. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Dept. Fire-Rescue & Emergency Management	Medium Term	-	Medium
#4	Local Planning and Regulations	RB-14. Continue to coordinate with VDOT on implementing the road weatherization program.	Severe Winter Weather	Dept. Community Development	Long Term	-	High
#5	Education and Awareness	RB-15. Continue to partner with the Central Shenandoah Health District of the Virginia Department of Health (VDH) to monitor disease outbreaks and keep residents informed.	Infectious Disease Outbreaks	Local Emergency Planning Committee	Quarterly	-	High
#4	Structure or Infrastructure Project	RB-16. Support broadband infrastructure expansion in high-risk areas with limited cellular service, particularly within the Moores Creek Dam inundation zone, to improve emergency communication capabilities.	Utility or Infrastructure Failure	County Administration; Dept. Community Development	Long Term	DCHD VATI Grant (2024)	Low

TOWN OF GLASGOW

TOWN OF GLASGOW LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Local Planning and Regulations	GL-1. Ensure emergency shelters identified in the local Emergency Operations Plan (EOP) are fully operational and well-equipped with adequate supplies, backup power generators, and necessary infrastructure to support community members during multi-hazard events.	Multi-Hazard	Town Manager's Office	Short Term	TBD, refer to Appendix I	High
#5	Structure or Infrastructure Project	GL-2. Upgrade the publicly owned structure at 908 Anderson Street to be used as an Emergency Shelter. Ensure the shelter is listed in the local EOP.		Town Manager's Office	Medium Term	TBD, refer to Appendix I	High
#5	Structure or Infrastructure Project	GL-3. Support the upgrades of Glasgow Baptist Church and Natural Bridge Christian Fellowship Church as Emergency Shelters. Ensure they are listed in the local EOP.		Town Manager's Office	Long Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	GL-4. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in activities included in the basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Town Manager's Office	Annually	-	High
#3	Natural Systems Protection	GL-5. Consider flood mitigation actions in the Town focused on natural systems protection.		Town Manager's Office	Annually	-	Medium
#3	Local Planning and Regulations	GL-6. Coordinate with the CSPDC to develop a Flood Resilience Plan that identifies community flooding and stormwater needs and develops a list of prioritized projects that can be funded through DCR CFPF implementation funding.		Town Manager's Office	Short Term	DCR CFPF Round 5 Grant (2025)	Medium
#2	Structure or Infrastructure Project	GL-7. Seek funding to complete the Glasgow Residential Flood Mitigation Project that calls for the acquisition, relocation, and elevation of approximately 10 residential properties that have been severely damaged in past flood events.		Town Manager's Office	Long Term	TBD, refer to Appendix I	Medium
#4	Structure or Infrastructure Project	GL-8. Seek funding to complete the Glasgow Interior Stream Drainage Project to prevent or reduce flooding along Sallings Mountain and Miller Mountain. The project calls for the construction of a debris basin, flood diversion wall, improved channelization, and replacement of several culverts throughout Town.		Town Manager's Office	Long Term	TBD, refer to Appendix I	Medium
#4	Local Planning and Regulations	GL-9. Complete a detailed hydrologic, floodplain, and stormwater management study to identify new and existing vulnerable areas and provide engineering recommendations for stormwater system improvements and flood risk reduction measures.		Town Manager's Office	Medium Term	-	High
#3	Natural Systems Protection	GL-10. Implement a green infrastructure project to redirect an existing creek that threatens residential properties near 2nd Street and Pocahontas Street into a constructed bioretention basin located in the forested area northeast of the affected properties, providing both flood protection and water quality benefits.		Town Manager's Office	Long Term	TBD, refer to Appendix I	Medium

TOWN OF GLASGOW LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#2	Local Planning and Regulations	GL-11. Develop and implement a stream bank stabilization project to address ongoing erosion that threatens residential property along Blue Ridge Road, utilizing appropriate engineering and natural stabilization techniques.	Flooding	Town Manager's Office	Long Term	TBD, refer to Appendix I	Medium
#3	Local Planning and Regulations	GL-12. Evaluate the feasibility and effectiveness of installing pocket rain gardens on suitable public properties to enhance distributed stormwater management and reduce localized flooding risks.		Town Manager's Office	Medium Term	-	High
#3	Education and Awareness	GL-13. Encourage the lessening of potential wildfires in the community by: 1) Education and outreach to residents, especially those living in woodland areas and the Wildland-Urban Interface (WUI). 2) Reduction of hazardous fuels throughout the community. 3) Reduction of structural ignitability to limit injury, loss of life, and property damage. 4) Having trained first responders with proper tools and equipment that will serve as a frontline defense against wildfire.	Wildfire	Town Manager's Office	Annually	-	Medium
#6	Local Planning and Regulations	GL-14. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	Town Manager's Office	Medium Term	DEQ WSP Grant (FY26)	Low
#4	Local Planning and Regulations	GL-15. Coordinate with Rockbridge County to winterize roadways and remove snow and ice as needed	Severe Winter Weather	Town Manager's Office	Long Term	-	Low
#5	Local Planning and Regulations	GL-16. Coordinate with Rockbridge County to update, maintain, and implement the County Emergency Operations Plan and Hazardous Materials Emergency Response Plan as needed.	Hazardous Materials Release	Town Manager's Office	Long Term	-	Medium
#2	Education and Awareness	GL-17. Direct low-income households to DSS's Energy Assistance Program (EAP), which includes Fuel Assistance, Crisis Assistance, Cooling Assistance and Weatherization Assistance.	Extreme Temperatures	Town Manager's Office	Annually	-	Low
#4	Structure or Infrastructure Project	GL-18. Implement a comprehensive water system protection project to safeguard the Town's municipal water supply through: 1) wellhead protection measures including proper abandonment of unused wells, installation of security fencing, and other security measures; 2) routine inspections of utility lines; 3) development of educational programs for property owners, businesses, industry, and railroad operators regarding wellhead protection; and 4) construction of an additional municipal well to improve system redundancy and reliability.	Utility or Infrastructure Failure	Town Manager's Office	Long Term	TBD, refer to Appendix I	Medium

TOWN OF GOSHEN

TOWN OF GOSHEN LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Structure or Infrastructure Project	GO-1. Install signage identifying the Goshen Volunteer Fire Department as an Emergency Shelter to ensure residents know where to go in case of an emergency.	Multi-Hazard	Admin/Town Council; Fire Dept.	Short Term	-	Medium
#5	Structure or Infrastructure Project	GO-2. Install an audible emergency warning system to ensure all residents receive emergency notifications during critical incidents.		Admin/Town Council	Short Term	TBD, refer to Appendix I	High
#3	Local Planning and Regulations	GO-3. Maintain compliance with the National Flood Insurance Program (NFIP) by engaging in various activities included in the three basic components of the NFIP: 1) Floodplain identification and mapping risk, 2) Responsible floodplain management, 3) Flood insurance.	Flooding	Admin/Town Council	Annually	-	Low
#3	Natural Systems Protection	GO-4. Consider flood mitigation actions in the Town focused on natural systems protection.		Admin/Town Council	Medium Term	-	Medium
#3	Local Planning and Regulations	GO-5. Maintain and update the Town's floodplain ordinance as needed.		Admin/Town Council	Long Term	-	Medium
#3	Local Planning and Regulations	GO-6. Coordinate with the CSPDC to develop a Flood Resilience Plan that identifies community flooding and stormwater needs and develops a list of prioritized projects that can be funded through DCR CFPF implementation funding.		Admin/Town Council; CSPDC	Short Term	DCR CFPF Round 5 Grant (2025)	Low
#4	Structure or Infrastructure Project	GO-7. Expand the capacity of the Town's water distribution system by upgrading aging water lines and improving water pressure to ensure adequate flow rates and supply duration for effective fire suppression.	Wildfire	Admin/Town Council; Public Works	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	GO-8. Continue to upgrade the Town's water system to ensure reliable access to safe potable water that meets current demands, supports future development, and maintains adequate supply during emergency conditions and peak usage periods.	Drought	Admin/Town Council; Public Works	Medium Term	TBD, refer to Appendix I	High
#6	Local Planning and Regulations	GO-9. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.		Admin/Town Council; CSPDC	Medium Term	DEQ WSP Grant (FY26)	Low
#4	Local Planning and Regulations	GO-10. Coordinate with Rockbridge County to winterize roadways and remove snow and ice as needed.	Severe Winter Weather	Admin/Town Council	Annually	-	Low
#5	Structure or Infrastructure Project	GO-11. Utilize a CDBG Community Implementation Grant to expand health care service in the Town by opening a health clinic in Goshen's Community Service Facility.	Infectious Disease Outbreak	Admin/Town Council	Short Term	DHCD CDBG Community Improvement Grant (2025)	High

TOWN OF GOSHEN LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#5	Local Planning and Regulations	GO-12. Coordinate with Rockbridge County to update, maintain, and implement the County Emergency Operations Plan and Hazardous Materials Plan as needed.	Hazardous Materials Release	Admin/Town Council	Every 5 years	-	Low
#5	Structure or Infrastructure Project	GO-13. Install an emergency back-up generator at the Goshen Volunteer Fire Department.	Utility or Infrastructure Failure	Admin/Town Council; Fire Dept.	Short Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	GO-14. Install a backup power source at the Town's pump stations to ensure power interruptions do not cause interruptions in water service.		Admin/Town Council; Public Works	Short Term	TBD, refer to Appendix I	High

MAURY SERVICE AUTHORITY

MAURY SERVICE AUTHORITY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#4	Local Planning and Regulations	MSA-1. Develop a Continuity of Operations Plan for use during these hazard events and ensure alignment of MSA's Emergency Response Plan (ERP) with appropriate incident specific response protocols.	Multi-Hazard	MSA	Medium Term	-	High
#4	Local Planning and Regulations	MSA-2. Evaluate alternative water supply options in the event of hazardous situations, such as watershed contamination.		MSA	Annually	-	High
#5	Education and Awareness	MSA-3. Continue to be an active member in the Virginia WARN network.		MSA	Annually	-	High
#4	Local Planning and Regulations	MSA-4. Study and model opportunities to improve regional water system reliability, redundancy, and resilience between MSA, Rockbridge County, and the City of Lexington. Implement findings of those studies as feasible.		MSA	Medium Term	TBD, refer to Appendix I	Medium
#4	Structure or Infrastructure Project	MSA-5. Relocate the existing raw water pump station structure out of the 100-year floodplain.	Flooding	MSA	Long Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MSA-6. Install an Automatic Transfer Switch to the Enfield Pumping Station.	Utility or Infrastructure Failure	MSA	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MSA-7. Install a new emergency backup generator at the MSA raw water pumping station. Upgrade to a 3-phase power service. Integrate new features with the existing supervisory control and data acquisition system.		MSA	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MSA-8. Upgrade existing emergency backup generator at the MSA water treatment facility to include Automatic Transfer Switch, meet power requirements for 100% operations, and integrate new features with the existing supervisory control and data acquisition.		MSA	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MSA-9. Upgrade existing transfer switch at the MSA Enfield Pumping Station to an Automatic Transfer Switch and integrate new features with the existing supervisory control and data acquisition.		MSA	Medium Term	TBD, refer to Appendix I	High
#4	Structure or Infrastructure Project	MSA-10. Install a new above-ground raw water storage tank to serve as a buffer tank that can provide treatable drinking water to the community during extended power outages or hazardous events.		MSA	Medium Term	TBD, refer to Appendix I	High
#6	Local Planning and Regulations	MSA-11. Assist the CSPDC with the update and adoption of the Upper James River Water Supply Plan as mandated by DEQ.	Drought	MSA	Medium Term	DEQ WSP Grant (FY26)	High

MAURY SERVICE AUTHORITY LOCAL MITIGATION ACTIONS							
Regional Goal	***Type***	***Action***	***Threat/Hazard***	***Responsible Party***	***Timeframe***	***Potential Funding***	***Priority***
#6	Local Planning and Regulations	MSA-12. Conduct Alternative Water Source Study for the MSA alternative/emergencies water source(s) development strategies, including the Moore's Creek Reservoir Dam. Encourage the City of Lexington and Rockbridge County to conduct suggested dam rehabilitation items and properly maintain the dam or decommission the dam.	Dam Failure	MSA	Short Term	-	Medium
#5	Local Planning and Regulations / Education and Awareness	MSA-13. Encourage the lessening of potential wildfires in the region by: 1) Maintaining existing MSA properties and easement areas with routine removal of hazardous vegetation, combustible materials, downed trees and limbs, etc. 2) Providing adequate training to staff for preventative maintenance as well as response mechanisms provided in the MSA's ERP with incident specific response protocols.	Wildfire	MSA	Annually	-	Medium