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