

Appendix D: Mitigation Strategy

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Mitigation and Strategic Actions Project Matrix

During public meetings, each participant was asked to review mitigation and strategic actions listed in the 2021 hazard mitigation plan and identify new potential actions, if needed, to reduce the effects of the hazards discussed in this plan. Selected projects varied per jurisdiction depending upon the significance of each hazard present. The information listed in the following tables is a compilation of new and ongoing mitigation and strategic actions identified by participating jurisdictions. Completed and removed mitigation actions can be found in respective jurisdictional profiles.

Mitigation Actions Matrix

Mitigation Actions	Gunnison County	City of Gunnison	Town of Crested Butte	Town of Mt. Crested Butte	Gunnison County Fire Protection District	Mt. Crested Butte Water & Sanitation District
Additional Water Supply					X	
Additional Outlying Stations & Apparatus					X	
Adopt Seismic Design Standards				X		
Agricultural/Ranching Preservation	X					
Alternate Sources of Heat and Power			X			
Alternative Drinking Water Source			X			
Automated Valves			X			
Backup Generators				X		
Backup Power for Community Lifelines	X					
Bank Stabilization for Erosion Control	X					
Big Mine Park-Avalanche Mitigation			X			
Certified Floodplain Managers Education	X					
Channel and Bridge Improvements	X					
Collection and Distribution Line Replacement						X
Colorado Wildfire Resiliency Code	X					
Communication Improvements		X				
Community Rating System Improvements	X					
Comprehensive Review Meridian Lake Park No. 1 Dam						X
County Road 3 Vegetation Management	X					
Creation of Geologic Hazard Maps		X				
Creek Crossing Reinforcement			X			
Culvert Capacity				X		
CWPP Assistance	X					
Cybersecurity Improvements						X

Mitigation Actions	Gunnison County	City of Gunnison	Town of Crested Butte	Town of Mt. Crested Butte	Gunnison County Fire Protection District	Mt. Crested Butte Water & Sanitation District
Cybersecurity Training & Firewalls				x		
Dam Emergency Exercises	x	x				
Data Redundancies		x				
Debris Clearing			x			
Debris Flow Mitigation			x			
Defensible Space and Other Wildfire Regulations	x	x	x	x		
Detection Equipment					x	
Develop a Pandemic Response and Continuity Plan			x			
Drainage Ditches	x					
Drainage Improvements	x	x				
Drainage Improvements-Alpine Plateau Road	x					
Drought Contingency Plan		x				
Earthquake Education		x				
Emergency Evacuation Access	x			x		
Emergency Warming Shelters				x		
Equalization Basin and Headworks Building Repair						x
Establish Redundant Communication Systems			x			
Evacuation Planning	x					
Evacuation Route		x				
Fire Restriction Language Update	x					
Floodplain Management	x					
Floodplain Preparation and Awareness	x					
Floodplain Regulation Enforcement Updates	x					
Floodplain Regulation Updates	x					
Fuel Mitigation Plan			x			
Gap Weather Radar System	x					
Geotechnical Mapping			x			
GIS Web Map	x					

Mitigation Actions	Gunnison County	City of Gunnison	Town of Crested Butte	Town of Mt. Crested Butte	Gunnison County Fire Protection District	Mt. Crested Butte Water & Sanitation District
Gothic Road Interceptor Line Capacity Expansion						X
Grade Control Sewer Lift Stations	X					
Gunnison Volunteer Fire Department Station Replacement					X	
Implement Cybersecurity Resilience Measures			X			
Implement Drought Plan	X					
Implement Drought Tolerant Landscaping Ordinance				X		
Implement Projects Identified in CWPPs	X	X	X	X	X	
Improvements to Flood Warning System	X					
Improve Public Warning	X					
Incident Training				X		
Increase Water Supplies & Storage	X					
IT Staff					X	
Library Resources	X					
Lift Station Access						X
Lift Station Protection						X
Lightning Protection				X		
Long Lake Pipeline for Water Redundancy						X
Marble Cell/Radio Tower	X					
Marble Evacuation Routes	X					
Mass Casualty Training		X				
Monitoring Snowpack	X					
Mining Emergency Plan/Study			X			
Mt. Crested Butte Water Treatment Plant Wildfire Preparation Jar Testing						X
Multi-Agency Agreements		X				
Mutual Aid Agreements	X	X				
Mutual Aid Through WARN Program	X					
NFIP Education	X					
Pandemic Plan Update	X					
Parcel Level Evaluation of Flood Prone Properties	X					

Mitigation Actions	Gunnison County	City of Gunnison	Town of Crested Butte	Town of Mt. Crested Butte	Gunnison County Fire Protection District	Mt. Crested Butte Water & Sanitation District
Perform Training and Education			x			
Post-Disaster Mitigation Policies and Procedures	x					
Public Education-Hail		x				
Public Education-Pandemic	x	x				
Public Safety Website	x					
Radios and Radio Infrastructure					x	
Reduce Hail Damage to Infrastructure			x			
Redundant Communication Systems			x	x		
Remove Flow Restrictions-Bridges	x					
Roofing Education				x		
Satellite Based Backup Communication	x					
SCADA Upgrades						x
Severe Winter Storm Education and Housing		x				
Sewer Infrastructure Upgrades and Improvements	x					
Slope Stabilization				x		
Spring Creek Dam Rehabilitation	x					
Spring Creek Evacuation Route	x					
Strengthen Hazardous Materials Response Capabilities			x			
THIRA for Human-Caused Hazards	x					
Upgrade Avalanche Fencing and Signage	x			x		
Warning System			x			
Wetlands Protection	x					
Wet Meadow Creation	x					
White Pine Evacuation Route	x					
Wildfire Education	x					
Wildfire Prevention and Preparation	x					
Wildfire Regulatory Changes	x					
WUI Code Update	x					