

5.0 Capability Assessment

5.1 – Introduction

44 CFR 201.6 does not require a capability assessment to be completed for local hazard mitigation plans. However, 201.6(c)(3) states "A mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools."

44 CFR 201.7 does not require a capability assessment to be completed for local hazard mitigation plans. However, 201.7(c)(3) states "A mitigation strategy that provides the Indian tribal government's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools."

This section of the plan discusses the current capacity of regional communities to mitigate the effects of identified hazards. A capability assessment is conducted to determine the ability of a jurisdiction to execute a comprehensive mitigation strategy, and to identify potential opportunities for establishing or enhancing specific mitigation policies, programs or projects.

A capability assessment helps to determine which mitigation actions are practical based on a jurisdiction's fiscal, staffing and political resources. A capability assessment consists of:

- An inventory of relevant plans, ordinances, or programs already in place □
An analysis capacity to carry them out.

A thoughtful review of jurisdictional capabilities will assist in determining gaps that could limit current or proposed mitigation activities, or potentially aggravate a jurisdiction's vulnerability to an identified hazard. Additionally, a capability assessment can detail current successful mitigation actions that should continue to receive support.

For this plan each participating jurisdiction was given an opportunity to present their capability assessment information.

5.2 – Granted Authority

In implementing a mitigation plan or specific action, a local jurisdiction may utilize any or all of the four broad types of government authority granted by the State of Kansas. The four types of authority are defined as:

- Regulation
- Acquisition





- Taxation
- Spending

Regulation

The scope of this local authority is subject to constraints, however, as all of Kansas’ political subdivisions must not act without proper delegation from the State. Under a principle known as “Dillon’s Rule,” all power is vested in the State and can only be exercised by local governments to the extent it is delegated.

Acquisition

The power of acquisition can be a useful tool for pursuing local mitigation goals. Local governments may find the most effective method for completely “hazard-proofing” a particular piece of property or area is to acquire the property, thus removing the property from the private market and eliminating or reducing the possibility of inappropriate development occurring. Kansas legislation empowers cities, towns, counties to acquire property for public purpose by gift, grant, devise, bequest, exchange, purchase, lease or eminent domain (County Home Rule Powers, K.S.A. 19-101, 19-101a, 19-212).

Taxation

The power to levy taxes and special assessments is an important tool delegated to local governments by Kansas law. The power of taxation extends beyond merely the collection of revenue and can have a profound impact on the pattern of development in the community. Communities have the power to set preferential tax rates for areas which are more suitable for development in order to discourage development in otherwise hazardous areas. Local units of government also have the authority to levy special assessments on property owners for all or part of the costs of acquiring, constructing, reconstructing, extending or otherwise building or improving flood control within a designated area. This can serve to increase the cost of building in such areas, thereby discouraging development. Because the usual methods of apportionment seem mechanical and arbitrary, and because the tax burden on a particular piece of property is often quite large, the major constraint in using special assessments is political. Special assessments seem to offer little in terms of control over land use in developing areas. They can, however, be used to finance the provision of necessary services within municipal or county boundaries. In addition, they are useful in distributing to the new property owners the costs of the infrastructure required by new development.





Spending

The Kansas General Assembly allocated the ability to local governments to make expenditures in the public interest. Hazard mitigation principles can be made a routine part of all spending decisions made by the local government, including the adoption of annual budgets and a Capital Improvement Plan. A Capital Improvement Plan is a schedule for the provision of municipal or county services over a specified period of time. Capital programming, by itself, can be used as a growth management technique, with a view to hazard mitigation. By tentatively committing itself to a timetable for the provision of capital to extend services, a community can control growth to some extent. In addition to formulating a timetable for the provision of services, a local community can regulate the extension of and access to services. A Capital Improvement Plan that is coordinated with extension and access policies can provide a significant degree of control over the location and timing of growth. These tools can also influence the cost of growth. If the Capital Improvement Plan is effective in directing growth away from environmentally sensitive or high hazard areas.

5.3 – Governance

All counties within Kansas Region K operate under a county commissioner form of governance, with the elected board of commissioners overseeing county operations. Participating tribes operate under a Tribal Council or Executive Committee form of government

Table 5.1: County and Tribal Governance

Jurisdiction	Government Structure	Number of Commissioners
Atchison County	Commission	3
Brown County	Commission	3
Doniphan County	Commission	3
Douglas County	Commission	3
Iowa Tribe	Executive Committee	5
Jackson County	Commission	3
Jefferson County	Commission	3
Kickapoo Tribe	Tribal Council	7
Marshall County	Commission	3
Nemaha County	Commission	3
Washington County	Commission	3

In general, the participating towns and cities in Kansas Region K operate either under a Mayoral form of governance or an elected city council form of governance.

5.4 – Jurisdictional Capabilities





Information as to the current capacity of participating jurisdictions is summarized in the following sections and tables. All capability information was provided by jurisdictional officials through the above referenced questions and through outreach from the MPC.

The ability of a local government to develop and implement mitigation projects, policies, and programs is directly tied to its ability to direct staff time and resources for that purpose. Administrative capability can be evaluated by determining how mitigation-related activities are assigned to local departments and if there are adequate personnel resources to complete these activities. The degree of intergovernmental coordination among departments will also affect administrative capability for the implementation and success of proposed mitigation activities.

Many smaller jurisdictions have very limited to no planning, management, response or mitigation capabilities. Often these jurisdictions rely on the county or nearby larger municipalities for assistance. This lack of capabilities is reflected in the following tables. Additionally, many very small or extremely limited participating small jurisdictions, largely townships, are not listed on the capability list. This in no way diminishes the participation in the process of these jurisdictions. Finally, special district capabilities are included in their overarching jurisdiction.

5.4.1 – Jurisdictional Planning Capabilities

The planning capability assessment is designed to provide a general overview of the key planning and regulatory tools or programs in place or under development. This information helps identify opportunities to address existing planning gaps and provides an opportunity to review areas that mitigation planning actions can be utilized with existing plans. Jurisdictions were asked if they had completed the following plans:

Comprehensive Plan: A comprehensive plan establishes the overall vision for a jurisdiction and serves as a guide to decision making, and generally contains information on demographics, land use, transportation, and facilities. As a comprehensive plan is broad in scope the integration of hazard mitigation measures can enhance the likelihood of achieving risk reduction goals.

Critical Facilities Plan: A critical facilities plan is used to identify a jurisdiction’s critical facilities, including fire stations, police stations, hospitals, schools, day care centers, senior care facilities, major roads and bridges, critical utility sites, and hazardous material storage areas. Additionally, this plan may be used to determine methods to mitigate damage to these facilities.

Debris Management Plan: A debris management plan covers the response and recovery from debris-causing incidents such as tornados or floods. Planning considerations include debris removal and disposal, disposal locations, equipment availability, and personnel training.

Emergency Operations Plan: An emergency operations plan outlines responsibility, means and methods by which resources are deployed during and following an emergency or disaster.





Evacuation Plan: A plan that outlines routes and methods by which populations are evacuated during and following an emergency or disaster.

Fire Mitigation Plan: A fire mitigation plan is used to mitigate a jurisdictions wildfire risk and vulnerability. The plan documents areas with an elevated risk of wildfires, and identifies the actions taken to decrease the risk. A fire mitigaion plan can influence and prioritize future funding for hazardous fuel reduction projects, including where and how federal agencies implement fuel reduction projects on federal lands.

Flood Mitigation Assistance Plan: The purpose of the flood mitigation assistance plan is to reduce or eliminate the long-term risk of flood damage to buildings and other structures insured under the NFIP.

Recovery Plan: A disaster recovery plan guides the recovery and reconstruction process following a disaster. Hazard mitigation principles should be incorporated into disaster recovery plans to assist in breaking the cycle of disaster loss.

Vulnerable Population Plan and/or Inventory: A vulnerable populations plan is used to develop a strategic approach for support to persons with functional or special needs before, during and following a disaster.

The table below summarizes relevant jurisdictional planning capabilities.

Table 5.2: Jurisdictional Planning Capabilities

Jurisdiction	Comprehensive Plan	Critical Facilities Plan	Debris Management Plan	Emergency Operations Plan	Evacuation Plan	Firewise or other Fire Mitigation Plan	Flood Mitigation Assistance Plan	Recovery Plan	Vulnerable Population Plan or Inventory
Atchison County	x	x	x	x	x		x	x	x
City of Atchison	x	x	x	x	x		x	x	x
City of Effingham	x	x	x	x	x		x	x	x
City of Huron	x	x	x	x	x		x	x	x
City of Lancaster	x	x	x	x	x		x	x	x
City of Musotah	x	x	x	x	x		x	x	
Brown County			x	x	x		x	x	
City of Everest			x	x					
City of Fairview	x		x	x					
City of Hiawatha	x		x	x			x		





City of Horton			x	x					
City of Morrill			x	x					
City of Reserve			x	x					
City of Robinson	x		x	x					
City of Willis			x	x					
Doniphan County									
City of Denton				x				x	
City of Elwood	x			x					
City of Highland				x					
City of Troy	x			x					
City of Wathena				x					
Douglas County									
City of Baldwin City	x	x		x			x		x
City of Eudora	x	x		x					
City of Lawrence	x			x					
City of LeCompton	x			x				x	
Iowa Tribe									
	x			x					x
Jackson County									
City of Circleville		x		x					
City of Delia				x					





Table 5.2: Jurisdictional Planning Capabilities

Jurisdiction	Comprehensive Plan	Critical Facilities Plan	Debris Management Plan	Emergency Operations Plan	Evacuation Plan	Firewise or other Fire Mitigation Plan	Flood Mitigation Assistance Plan	Recovery Plan	Vulnerable Population Plan or Inventory
City of Denison				x					
City of Holton	x	x		x			x		
City of Hoyt				x					
City of Mayetta	x			x					
City of Netawaka				x					
City of Soldier				x	x				
City of Whiting				x					
Jefferson County	x	x	x	x	x		x	x	x
City of McLouth	x	x		x	x	x		x	
City of Meriden	x			x					
City of Nortonville				x					
City of Oskaloosa	x		x	x		x		x	
City of Ozawkie	x	X		X					x
City of Perry				x					
City of Valley Falls	x		x	x		x		x	
City of Winchester	x		x	x		x		x	
Kickapoo Tribe	x	x	x	x	x	x	x	x	x
Marshall County	x	x	x	x	x	x	x	x	x
City of Axtell	x		x	x					
City of Beattie			x	x	x	x	x	x	x
City of Blue Rapids	x	x	x	x	x		x	x	x
City of Frankfort	x	x	x	x	x		x	x	x
City of Marysville	x	x	x	x	x		x	x	
City of Oketo			x	x					
City of Summerfield	x		x	x					
City of Vermillion			x	x					





Table 5.2: Jurisdictional Planning Capabilities

City of Wetmore				X	X		X		
City of Waterville	X	X	X	X	X	X	X	X	X
Nemaha County	X		X	X					
City of Bern				X	X				
City of Centralia				X	X	X	X		
City of Corning				X	X				
City of Goff			X	X	X	X			
City of Oneida				X	X				
City of Sabetha				X	X				
City of Seneca	X	X	X	X	X	X		X	X





Table 5.2: Jurisdictional Planning Capabilities

Jurisdiction	Comprehensive Plan	Critical Facilities Plan	Debris Management Plan	Emergency Operations Plan	Evacuation Plan	Firewise or other Fire Mitigation Plan	Flood Mitigation Assistance Plan	Recovery Plan	Vulnerable Population Plan or Inventory
Washington County				X			X	X	X
City of Barnes				X				X	
City of Clinton				X				X	
City of Greenleaf				X				X	
City of Haddam				X				X	
City of Hanover				X				X	
City of Hollenberg				X				X	
City of Linn				X				X	X
City of Mahaska				X				X	
City of Morrowville				X				X	
City of Palmer				X				X	
City of Vining				X				X	
City of Washington				X	X			X	X

5.4.2 – Jurisdictional Codes and Ordinances

Participating jurisdictions were asked if the following codes and ordinances and plans were established and enforced:

Building Code: Many structural mitigation measures involve constructing and retrofitting homes, businesses and other structures according to standards designed to make the buildings more resilient to the impacts of natural hazards. Many of these standards are imposed through the building code.

Floodplain Ordinance: In general, floodplain ordinances are used to:

- Minimize the extent of floods by preventing obstructions that inhibit water flow and increase flood height and damage. □
- Prevent and minimize loss of life, injuries, and property damage in flood hazard areas. □ □
- Promote the public health, safety and welfare of citizens in flood hazard areas. □





Table 5.2: Jurisdictional Planning Capabilities

Floodplain ordinances may allow jurisdictions to:

- Manage planned growth□
- Adopt local ordinances to regulate uses in flood hazard areas□ □ Enforce those ordinances□





- Grant permits for use in flood hazard areas that are consistent with the ordinance□

These ordinances can also help ensure meeting the minimum requirements of participation in the NFIP. The incentive for local governments adopting such ordinances is that they will afford their residents the ability to purchase flood insurance through the NFIP.

Stormwater Ordinance: The purpose of a stormwater ordinance is to protect the quality and quantity of local, regional and state waters from the potential harm of unmanaged stormwater. Stormwater ordinances include protection from activities that result in the degradation of properties, water quality, stream channels, and other natural resources.

Nuisance Ordinance: Local governments may use their ordinance-making power to abate “nuisances,” which could include, by local definition, any activity or condition making people or property more vulnerable to any hazard.

Zoning: Zoning is the traditional and most common tool available to local jurisdictions to control the use of land. Zoning is used to promote health, safety, and the general welfare of the community. Zoning is used to dictate the type of land use and to set minimum specifications for use such as lot size, building height and setbacks, and density of population. Local governments are authorized to divide their jurisdiction into districts, and to regulate and restrict the erection, construction, reconstruction, alteration, repair or use of buildings, structures, or land within those districts. Districts may include general use districts, overlay districts, special use districts or conditional use districts. Zoning ordinances consist of maps and written text. The table below summarizes relevant jurisdictional policies and ordinances.

Table 5.3: Jurisdictional Codes and Ordinances

Jurisdiction	Building Code	Floodplain Ordinance	Nuisance Ordinance	Storm Water Ordinance	Zoning Ordinance
Atchison County		X	X	X	
City of Atchison	X	X	X	X	X
City of Effingham	X	X	X		
City of Huron		X	X		
City of Lancaster		X	X		
City of Musotah		X	X		
Brown County		X	X		
City of Everest			X		
City of Fairview			X		





City of Hiawatha	x	x	x	x	x
City of Horton	x	x	x		x

Table 5.3: Jurisdictional Codes and Ordinances

Jurisdiction	Building Code	Floodplain Ordinance	Nuisance Ordinance	Storm Water Ordinance	Zoning Ordinance
City of Morrill	x	x	x	x	
City of Reserve			x		
City of Robinson		x	x		
City of Willis			x		
Doniphan County					
City of Denton			x		
City of Elwood		x	x		x
City of Highland		x	x		x
City of Troy		x	x		x
City of Wathena		x	x		x
Douglas County					
City of Baldwin City	x	x	x	x	x
City of Eudora	x	x	x	x	x
City of Lawrence	x	x	x	x	x
City of Leocompton	x	x	x		x
Iowa Tribe					
			x		
Jackson County					
City of Circleville	x	x	x		x
City of Delia		x	x		
City of Denison	x	x	x		x
City of Holton	x	x	x		x
City of Hoyt	x	x	x		x
City of Mayetta	x	x	x		x
City of Netawaka	x		x		
City of Soldier		x	x		
City of Whiting	x	x	x		





Jefferson County	x	x	x		x
City of McLouth	x	x	x	x	x
City of Meriden	x	x	x		x
City of Nortonville		x			
City of Oskaloosa	x	x			x
City of Ozawkie	x	x	x	x	x
City of Perry	x	x	x		x
City of Valley Falls	x	x	x	x	x
City of Winchester	x	x			x





Table 5.3: Jurisdictional Codes and Ordinances

Jurisdiction	Building Code	Floodplain Ordinance	Nuisance Ordinance	Storm Water Ordinance	Zoning Ordinance
Kickapoo Tribe	x	x	x	x	x
Marshall County		x	x		
City of Axtell	x	x	x		
City of Beattie		x	x		
City of Blue Rapids	x	x	x	x	x
City of Frankfort	x	x	x	x	
City of Marysville	x	x	x	x	x
City of Oketo			x		
City of Summerfield			x		
City of Vermillion			x		
City of Waterville	x	x	x	x	x
Nemaha County		x			
City of Bern			x		
City of Centralia		x		x	
City of Corning		x			
City of Goff		x			
City of Oneida					
City of Sabetha	x	x			
City of Seneca	x	x	x	x	x
City of Wetmore			x		
Washington County		x	x		
City of Barnes			x		
City of Clinton			x		
City of Greenleaf	x		x		
City of Haddam		x	x		
City of Hanover		x	x		
City of Hollenberg			x		
City of Linn			x		
City of Mahaska			x		
City of Morrowville		x	x		x
City of Palmer		x	x		
City of Vining			x		
City of Washington		x	x		

5.4.3 – Jurisdictional Programs





This part of the capability's assessment includes the identification and evaluation of existing programs for each participating jurisdiction:

Community Rating System program under the National Flood Insurance Program: The NFIP's Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. Participants are offered flood insurance premium rates at a discount to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS. These goals are the reduction of flood damage to insurable property, the strengthening and support of insurance aspects of the NFIP, and the encouragement of a comprehensive approach to floodplain management.

Firewise Community Certification: The Firewise Communities Program encourages local solutions for safety by involving homeowners in taking individual responsibility for preparing their homes from the risk of wildfire. Firewise is a key component of Fire Adapted Communities, a collaborative approach that connects all those who play a role in wildfire education, planning and action with comprehensive resources to help reduce risk. The program is co-sponsored by the USDA Forest Service, the US Department of the Interior, and the National Association of State Foresters.

ISO Fire Rating: This assessment also includes the identification and evaluation of existing ISO fire ratings. The Fire Suppression Rating Schedule is a manual containing the criteria ISO uses in reviewing the fire prevention and fire suppression capabilities of individual communities or fire protection areas. The schedule measures the major elements of a community's fire protection system and develops a numerical grading called a Public Protection Classification.

National Flood Insurance Program: In 1968, Congress created the NFIP to help provide a means for property owners to financially protect themselves. The NFIP offers flood insurance to homeowners, renters, and business owners if their community participates in the NFIP. Participating communities agree to adopt and enforce ordinances that meet or exceed FEMA requirements to reduce the risk of flooding.

National Weather Service StormReady Program: StormReady uses a grassroots approach to help communities develop plans to handle all types of severe weather. The program encourages communities to take a new, proactive approach to improving local hazardous weather operations by providing emergency managers with clear-cut guidelines on how to improve their hazardous weather operations

The table below summarizes relevant local programs.





Table 5.4: Jurisdictional Programs

Jurisdiction	Community Rating System program	Firewise Community Certification	ISO Fire Rating	National Flood Insurance Program	National Weather Service Storm Ready Certification
Atchison County	x		x	x	x
City of Atchison			3	x	x
City of Effingham			x	x	x
City of Huron			x		x
City of Lancaster			x		x
City of Musotah			x	x	x
Brown County				x	
City of Everest			6		
City of Fairview			x		
City of Hiawatha			5	x	
City of Horton				x	
City of Morrill			7	x	
City of Reserve					
City of Robinson				x	
City of Willis					
Doniphan County			9	x	
City of Denton			9		
City of Elwood			5	x	
City of Highland			8	x	
City of Troy			7	x	
City of Wathena			6	x	
Douglas County	x			x	x
City of Baldwin City			x	x	
City of Eudora			6	x	
City of Lawrence				x	
City of Lecompton			4/4y	x	





Table 5.4: Jurisdictional Programs

Jurisdiction	Community Rating System program	Firewise Community Certification	ISO Fire Rating	National Flood Insurance Program	National Weather Service Storm Ready Certification
Iowa Tribe					
Jackson County	x		7-10	x	
City of Circleville			5	x	
City of Delia			6x	x	
City of Denison			5x	x	
City of Holton			5	x	
City of Hoyt			5	x	
City of Mayetta			7	x	
City of Netawaka			7		
City of Soldier			6/6y	x	
City of Whiting			9	x	
Jefferson County	x		x	x	x
City of McLouth			5	x	
City of Meriden				x	
City of Nortonville				x	
City of Oskaloosa			8	x	
City of Ozawkie			6	x	
City of Perry				x	
City of Valley Falls			8	x	
City of Winchester			9	x	
Kickapoo Tribe		x	x	x	x
Marshall County			x	x	





Table 5.4: Jurisdictional Programs

City of Axtell			7	x	
City of Beattie		x	x		
City of Blue Rapids			x	x	
City of Frankfort			x	x	
City of Marysville			x	x	
City of Oketo			x		
City of Summerfield			x		
City of Vermillion			x	x	
City of Waterville		x	x	x	
Nemaha County				x	
City of Bern		x			x
City of Centralia		x		x	x
City of Corning		x		x	x
City of Goff		x		x	x
City of Oneida		x			
City of Sabetha		x		x	x
City of Seneca		x		x	x
City of Wetmore		x			x
Washington County				x	
City of Barnes					
City of Clinton					
City of Greenleaf					





Table 5.4: Jurisdictional Programs

Jurisdiction	Community Rating System program	Firewise Community Certification	ISO Fire Rating	National Flood Insurance Program	National Weather Service Storm Ready Certification
City of Haddam			8	x	
City of Hanover			5	x	
City of Hollenberg			10		
City of Linn			8		
City of Mahaska					
City of Morrowville				x	
City of Palmer			10	x	
City of Vining					
City of Washington			6	x	

In addition, participating jurisdictions operate with mutual aid agreements. These are understandings among localities to lend assistance across jurisdictional boundaries. Mutual aid may be requested only when an emergency occurs that exceeds local resources.

5.4.4 – Jurisdictional Staffing and Departmental Capabilities

A comprehensive mitigation program relies on many skilled professionals. These professionals include:

- Planners□
- Emergency managers□
- Floodplain managers□
- GIS personnel□

While exact responsibilities differ from jurisdiction to jurisdiction, the general duties of applicable departments are described below:

Building Official: Building officials are generally the jurisdictional administrator of building and construction codes, engineering calculation supervision, permits, facilities management, and accepted construction procedures. They may also inspect structures to ensure compliance with the plans and to check workmanship as well as code compliance.

Emergency Management Coordinator: The Emergency Management office is responsible for the mitigation, preparedness, response and recovery operations that deal with both natural and man-





Table 5.4: Jurisdictional Programs

made disaster events. The formation of an emergency management department in each county is mandated under Kansas General Statutes.





Local Emergency Planning Committee: Local Emergency Planning Committees are generally housed at the county or municipal level. They do not function in actual emergency situations, but attempt to identify and catalogue potential hazards, identify available resources, mitigate hazards when feasible, and write emergency plans. The role of the LEPC is to anticipate and plan the initial response for foreseeable disasters in their jurisdiction.

Mapping Specialist: A geographic information system (GIS) is a system designed to capture, store, manipulate, analyze, manage, and present all types of geographical data. A GIS mapping specialist uses this data to create county maps, including flood plain, fire hazard, drought and other mitigation maps.

NFIP Floodplain Administrator: The NFIP floodplain administrator ensures a jurisdiction is meeting the minimum requirements of participation in the NFIP, and often is tasked with applying for funding or grants.

Planning Department: A planning department usually provides management and oversight of development through the application of codes, ordinances, building regulations and public input.

Public Works Official: Public works officials usually provide management and oversight of infrastructure projects such as public buildings (municipal buildings, schools, hospitals), transport infrastructure (roads, railroads, bridges, pipelines, airports), public spaces (public squares, parks), public services (water supply, sewage, electrical grid, dams), and other physical assets and facilities.

The table below summarizes relevant local staffing and departmental capabilities.

Table 5.5: Jurisdictional Staffing and Departmental Capabilities

Jurisdiction	Building Code Official or Inspector	Emergency Management Coordinator	Local Emergency Planning Committee	Mapping Specialist	NFIP Floodplain Administrator	Planning Department	Public Works Official
Atchison County		X	X	X	X	X	X
City of Atchison	X	X	X	X	X	X	X
City of Effingham	X	X	X	X	X		X
City of Huron		X	X	X			X
City of Lancaster		X	X	X			X
City of Musotah		X	X	X	X		X
Brown County		X	X	X	X		X





Table 5.5: Jurisdictional Staffing and Departmental Capabilities

City of Everest			X				X
City of Fairview			X				X
City of Hiawatha	X		X		X		X

Jurisdiction	Building Code Official or Inspector	Emergency Management Coordinator	Local Emergency Planning Committee	Mapping Specialist	NFIP Floodplain Administrator	Planning Department	Public Works Official
City of Horton	X		X		X		X
City of Morrill			X		X		X
City of Reserve			X				X
City of Robinson					X		X
City of Willis			X				X
Doniphan County							
City of Denton		X	X		X		X
City of Elwood			X		X		X
City of Highland			X		X		X
City of Troy			X		X		X
City of Wathena			X		X		X
Douglas County							
City of Baldwin City	X	X	X	X	X	X	X
City of Eudora	X		X		X		X
City of Lawrence	X		X		X		X
City of Lecompton		X	X		X		X
Iowa Tribe							
			X				
Jackson County							
City of Circleville		X	X	X	X	X	X
City of Delia			X		X		X
City of Denison	X		X		X		X
City of Holton	X		X		X	X	X





Table 5.5: Jurisdictional Staffing and Departmental Capabilities

City of Hoyt			X		X		X
City of Mayetta	X		X		X	X	X
City of Netawaka	X		X				X
City of Soldier			X		X		X
City of Whiting			X		X		X
Jefferson County	X	X	X	X	X	X	X
City of McLouth	X	X	X	X	X	X	X
City of Meriden			X		X		X
City of Nortonville			X		X		X
City of Oskaloosa			X		X		X
City of Ozawkie	X		X		X	X	X
City of Perry			X		X		X
City of Valley Falls			X		X		X
City of Winchester			X		X		X





Table 5.5: Jurisdictional Staffing and Departmental Capabilities

Jurisdiction	Building Code Official or Inspector	Emergency Management Coordinator	Local Emergency Planning Committee	Mapping Specialist	NFIP Floodplain Administrator	Planning Department	Public Works Official
Kickapoo Tribe	x	x	x	x		x	
Marshall County		x	x	x	x		x
City of Axtell		x	x		x	x	x
City of Beattie	x	x	x	x			x
City of Blue Rapids	x	x	x	x	x	x	x
City of Frankfort		x	x	x	x		x
City of Marysville	x	x	x		x		x
City of Oketo		x	x				x
City of Summerfield		x	x				x
City of Vermillion		x	x		x		x
City of Waterville	x	x	x	x	x		x
Nemaha County		x	x	x	x		x
City of Bern		x	x	x			x
City of Centralia	x	x	x	x	x		x
City of Corning		x	x	x	x		x
City of Goff		x	x	x	x		x
City of Oneida		x	x	x			x
City of Sabetha		x	x	x	x		x
City of Seneca	x	x	x	x	x	x	x
City of Wetmore		x	x	x			x
Washington County		x	x	x	x		x
City of Barnes			x				x
City of Clinton			x				x
City of Greenleaf			x				x
City of Haddam			x		x		x
City of Hanover			x		x		x





Table 5.5: Jurisdictional Staffing and Departmental Capabilities

City of Hollenberg			X				X
City of Linn			X				X
City of Mahaska			X				X
City of Morrowville			X		X		X
City of Palmer			X		X		X
City of Vining			X				X
City of Washington			X		X		X





5.4.5 – Non-Governmental Organizations Capabilities

Non-Governmental Organizations (NGOs) are legally constituted corporations that operate independently from any form of government and are not conventional for-profit businesses. In the cases in which NGOs are funded totally or partially by a government agency, the NGO maintains its non-governmental status by excluding government representatives from membership in the organization. The following is a brief discussion of both the American Red Cross and the Salvation Army, both of which provide regional operations and coverage.

American Red Cross: The American Red Cross is a humanitarian organization that provides emergency assistance, disaster relief and education. In addition, they offer services in five other areas: community services that help the needy; communications services and comfort for military members and their family members; the collection, processing and distribution of blood and blood products; educational programs on preparedness, health, and safety; and international relief and development programs.

Salvation Army: The Salvation Army is a Christian denomination and international charitable organization. In addition to being among the first to arrive with help after natural or man-made disasters, the Salvation Army runs charity shops and operates shelters for the homeless.

5.4.6 – Jurisdictional Fiscal Capabilities

In general, the jurisdictions of the Kansas Region K receive the majority of their revenue through state and local sales tax and federal and state pass through dollars. Based on available revenue information, and given that both the state and counties are experiencing budget deficits, funding for mitigation programs and disaster response is at a premium. Adding to the budget crunch is the increased reliance on local accountability by the federal government.

The following provide brief definitions of applicable fiscal programs:

Application and Management of Grant Funding: The jurisdiction has the staffing and capabilities to apply for grant funding and oversee all necessary provisions of the funding.

Authority to Levy Taxes: The authority to levy taxes would allow the jurisdiction to tax its population base.

Authority to Withhold Spending in Hazard Prone Areas: The ability of a jurisdiction to not provide funding for activities or actions in an area that is known to be prone to specific hazards.

Incur Debt through General Obligation Bonds: General obligation bonds are issued with the belief that a municipality will be able to repay its debt obligation through taxation or revenue from projects. General obligation bonds can be used to generate funds for mitigation projects.





Usage of Capital Improvement Funding for Mitigation Projects: Capital improvement allows for spending on identified capital projects and for equipment purchases, in this context related to mitigation projects.

The following table highlights each jurisdiction’s fiscal capabilities.

Table 5.6: Jurisdictional Financial Capabilities

Jurisdiction	Apply for and Manage Grant Funding	Authority to levy taxes for specific purposes	Authority to Withhold spending in hazard prone areas	Incur Debt through General Obligation Bonds	Usage of Capital Improvement Funding for Mitigation Projects
Atchison County	x	x	x	x	x
City of Atchison	x	x	x	x	x
City of Effingham	x	x		x	x
City of Huron					
City of Lancaster	x	x		x	x
City of Musotah					
Brown County	x	x		x	x
City of Everest	x	x		x	x
City of Fairview	x	x		x	x
City of Hiawatha	x	x		x	x
City of Horton	x	x		x	x
City of Morrill	x	x		x	x
City of Reserve	x	x		x	x
City of Robinson	x	x		x	x
City of Willis	x	x		x	x
Doniphan County	x	x		x	x
City of Denton	x	x		x	x
City of Elwood	x	x		x	x
City of Highland	x	x		x	x
City of Troy	x	x		x	x
City of Wathena	x	x		x	x
Douglas County	x				x
City of Baldwin City	x	x		x	x
City of Eudora	x	x		x	x





Table 5.6: Jurisdictional Financial Capabilities

City of Lawrence	X	X		X	X
City of Lecompton	X	X		X	X
Iowa Tribe	X				X
Jackson County	X	X		X	X
City of Circleville	X	X		X	X
City of Delia	X	X		X	X
City of Denison	X	X		X	X
City of Holton	X	X		X	X
City of Hoyt	X	X		X	X
Jurisdiction	Apply for and Manage Grant Funding	Authority to levy taxes for specific purposes	Authority to Withhold spending in hazard prone areas	Incur Debt through General Obligation Bonds	Usage of Capital Improvement Funding for Mitigation Projects
City of Mayetta	X	X		X	X
City of Netawaka	X	X		X	X
City of Soldier	X	X		X	X
City of Whiting	X	X		X	X
Jefferson County	X	X	X	X	X
City of McLouth	X	X			X
City of Meriden	X	X		X	X
City of Nortonville	X	X		X	X
City of Oskaloosa	X	X		X	X
City of Ozawkie	X	X	X	X	X
City of Perry	X	X		X	X
City of Valley Falls	X	X		X	X
City of Winchester	X	X		X	X
Kickapoo Tribe	X	X	X	X	





Marshall County	X	X		X	X
City of Axtell	X	X	X	X	X
City of Beattie	X	X		X	X
City of Blue Rapids	X	X	X	X	X
City of Frankfort	X	X	X	X	X
City of Marysville	X	X		X	X
City of Oketo	X	X		X	X
City of Summerfield	X	X	X	X	X
City of Vermillion	X	X		X	X
City of Waterville	X	X		X	X
Nemaha County	X	X		X	X
City of Bern	X	X		X	X
City of Centralia	X	X		X	X
City of Corning	X	X		X	X
City of Goff	X	X		X	X
City of Oneida	X	X		X	X
City of Sabetha	X	X		X	X
City of Seneca	X	X		X	X
City of Wetmore	X	X		X	X
Washington County	X	X		X	X
City of Barnes	X	X		X	X





Table 5.6: Jurisdictional Financial Capabilities

City of Clinton	x	x		x	x





Jurisdiction	Apply for and Manage Grant Funding	Authority to levy taxes for specific purposes	Authority to Withhold spending in hazard prone areas	Incur Debt through General Obligation Bonds	Usage of Capital Improvement Funding for Mitigation Projects
City of Greenleaf	x	x		x	x
City of Haddam	x	x		x	x
City of Hanover	x	x		x	x
City of Hollenberg	x	x		x	x
City of Linn	x	x		x	x
City of Mahaska	x	x		x	x
City of Morrowville	x	x		x	x
City of Palmer	x	x		x	x
City of Vining	x	x		x	x
City of Washington	x	x		x	x

5.4.7 – College, School and University Capability Assessment

Participating school districts were provided with a different set of questions that participating governmental jurisdictions. These questions were asked to ascertain the level of preparedness of the institution.

The following provides brief definitions of terms used in the capability assessment of schools. Please note that some definitions have been provided in previous sections.

Access to Local, Regional and State Funds: The ability to use local, regional and state funding on school activities and improvements.

Active Shooter Plan: An active shooter plan outlines responsibility, means and methods by which resources are deployed during an active shooter scenario.

Capital Improvement Plan: A capital improvement plan guides scheduling of, and spending on, school improvements. A capital improvement plan can guide future development away from identified hazard areas, an incorporate identified mitigation strategies.

District Master Plan: A master plan establishes the overall vision and serves as a guide to decision making. A master plan generally contains information on demographics, land use, transportation, and facilities. As a master plan is broad in scope the integration of hazard mitigation measures can enhance the likelihood of achieving risk reduction goals.





Table 5.6: Jurisdictional Financial Capabilities

Emergency Operations Plan/Evacuation Plan: An emergency operations plan outlines responsibility, means and methods by which resources are deployed during and following an emergency or disaster. Often included in these plans are detailed evacuation procedures and policies.

Incur Debt through General Obligation Bonds: General obligation bonds are issued with the belief that an entity will be able to repay its debt obligation through taxation or revenue from projects. General obligation bonds can be used to generate funds for mitigation projects.

School Safety or Resource Officer: A person with overall responsibility for safety of the school, students and staff.

Information as to the current capacity of participating schools, colleges and universities is summarized in the following table.

Table 5.7: College, Unified School District or University Capabilities

Jurisdiction	Access to Local, Regional and State funds	Active Shooter Plan or Policy	Capital Improvement Plan	District Master Plan	School Emergency and Evacuation Plans	School Safety or Resource Officers or Dedicated Law Enforcement
Atchison County						
USD #377 - Atchison County	x	x		x	x	
USD #409 - Atchison	x	x	x	x	x	
Brown Countyx						
USD #415 - Hiawatha	x	x			x	
USD #430 - Horton	x	x		x	x	
Doniphan County						
USD #111- Doniphan West	x	x			x	
USD #114 - Riverside	x	x	x	x	x	
USD #429 - Troy	x	x			x	
Douglas County						
Baker University	x	x	x	x	x	





University of Kansas	x	x	x	x	x	x
USD #343 - Perry / Lecompton	x	x			x	
USD #348 - Baldwin City	x	x	x	x	x	x
USD #491 - Eudora	x	x		x	x	
USD #497 - Lawrence	x	x	x	x	x	
Jackson County						
USD #335 - Jackson Heights	x	x	x	x	x	
USD #336 - Holton	x	x	x	x	x	x
USD #337 - Royal Valley	x	x	x	x	x	





Table 5.7: College, Unified School District or University Capabilities

Jurisdiction	Access to Local, Regional and State funds	Active Shooter Plan or Policy	Capital Improvement Plan	District Master Plan	School Emergency and Evacuation Plans	School Safety or Resource Officers or Dedicated Law Enforcement
Jefferson County						
USD #338 - Valley Falls	x	x			x	
USD #339 - Jefferson County North	x	x	x	x	x	
USD #340 - Jefferson West	x	x	x	x	x	x
USD #341 - Okaloosa	x	x	x		x	
USD #342 - McLouth	x	x	x		x	
USD #343 - Perry / Lecompton	x	x			x	
Kickapoo Nation						
Kickapoo Nation School	x	x			x	
Marshall County						
Good Shepherd School					x	
St. Gregory School	x	x		x	x	
St. Michael's School	x	x			x	
USD #113- Prairie Hills	x	x			x	
USD #364 - Maryville	x	x	x	x	x	
USD #380 - Vermillion	x	x	x		x	
USD #498 - Valley Heights	x	x				
Nemaha County						
Saints Peter and Paul	x	x	x		x	x
USD #113 - Prairie Hills	x	x	x	x	x	x
USD #115 - Nemaha Central	x	x	x	x	x	x
Washington County						
USD #108 - Washington County	x	x	x	x	x	
USD #223 - Barnes / Hanover / Linn	x	x		x	x	
USD #224 – Clifton/Barnes	x	x			x	

Additionally, under K.S.A. 72-5457 (General Provisions for the Issuance of Bonds), all Kansas USDs may issue general obligation bonds to:





- Purchase or improve any site or sites necessary for school district purposes including housing and boarding pupils enrolled in an area vocational school□
- Acquire, construct, equip, furnish, repair, remodel or make additions to buildings including housing and boarding pupils enrolled in an area vocational school operated under the board of education of a school district□

5.5 – Opportunities for Capability Improvement

As part of this plan update, the MPC identified the following opportunities for improvement across the region concerning current capabilities:

- **Local Funding**□ ○ Integration of mitigation plans with other local plans and programs, such as capital improvement plans
 - Adoption of cost-effective mitigation measures when developing capital improvement projects
- **Public Education and Outreach**□ ○ Regular deployment of hazard awareness campaigns to enhance public awareness
- **Land Use Planning and Regulations**□ ○ Continued encouragement of using land use planning to identify areas at risk to natural hazards
 - Stormwater retention/detention projects to reduce flooding ○ Locally funded buyouts of hazard prone properties
- **Floodplain Management**□ ○ Encourage and support new participation in the NFIP and in the CRS
 - Continue the promotion and enforcement of NFIP and CRS floodplain management programs

6.0 Mitigation Strategy

6.1 – Introduction

As part of this planning effort, Kansas Region K and its participating jurisdictions worked to minimize the risk of future impacts from identified hazards to all citizens. In an attempt to shape future regulations, ordinances and policy decisions, the MPC reviewed and developed a hazard mitigation strategy. This comprehensive strategy includes:

- The consistent review and revision, as necessary, of obtainable goals and objectives□
- The consistent review, revision and development of a comprehensive list of potential hazard mitigation actions□



The development of a robust mitigation strategy allows for:

- The ability to effectively direct limited resources for maximum benefit□
- The ability to prioritize identified hazard mitigation projects to maximize positive outcomes□
- The increase in public and private level participation in hazard mitigation through transparency and awareness□
- The potential direction of future policy decisions through awareness and education□ □ The achievement of the ultimate goal of a safer region for all our citizens□

Considering the factors listed above, the MPC continues to implement the following mitigation strategy:

- **Implement** the recommendations of this plan.□
- **Utilize** existing regulations, policies, programs, procedures, and plans already in place.□
- **Share** information on Funding opportunities.□
- **Communicate** the information contained in this plan so all jurisdictions and citizens have a clearer understanding of the hazards facing the region and what can be done to mitigate their impacts.□
- **Publicize** the success stories that have been achieved through the region’s ongoing mitigation efforts.□

6.2 – Emergency Management Accreditation Program Integration

As per requirements, in identifying and reviewing mitigation actions the following activities recommended by the EMAP were considered:

- The use of applicable building construction standards□
 - Hazard avoidance through appropriate land-use practices□
 - Relocation, retrofitting, or removal of structures at risk□
 - Removal or elimination of the hazard□
 - Reduction or limitation of the amount or size of the hazard□
 - Segregation of the hazard from that which is to be protected□
 - Modification of the basic characteristics of the hazard□
 - Control of the rate of release of the hazard□
 - Provision of protective systems or equipment for both cyber or physical risks□
-



- Establishment of hazard warning and communication procedures□
- Redundancy or duplication of essential personnel, critical systems, equipment, and information materials.□

6.3 – Problem Statements

Based on the regionally identified hazards, problem statements have been developed to detail identified major concerns that can potentially be addressed through proposed mitigation actions. Problems statements were developed using the following inputs:

- Identify a key point of concern□
- Is the problem getting worse, better, or staying the same?□
- What are the identified or potential impacts?□

The following table present regional problem statements to be utilized in informing the review, modification and development of hazard mitigation actions.

Table 6.1: Kansas Region K Problem Statements

Identified Hazard	Problem Statement	Current Condition (Same, Improving, Worsening)	Potential Impact(s)
Flood	Numerous low-water crossing throughout the region repeatedly flood	Same	Road damage, potential loss of life, cutoff of emergency services
Flood	The number of flood insurance policies have decreased from 2012 to 2019	Worsening	Loss of coverage for flood prone properties.
Tornado	Predictions indicate the number of tornados per year is expected to remain the same	Same	Increased injuries, deaths and property damage
Tornado	Current saferooms may not provide enough space to shelter all of those in need.	Same	Injuries and/or loss of life
Windstorm	Region K is located in Wind Region IV, the highest classification for inland winds.	Same	High potential for property damages, injuries and/or deaths
Windstorm	Current saferooms may not provide enough space to shelter all of those in need.	Same	Injuries and/or loss of life
Winter Storm	Ice storms may damage utilities	Same	Lack of service to citizens, potential adverse impacts due to loss of heat or power





Utility Failure	Power infrastructure is above ground and susceptible to a range of hazards	Worsening with age of infrastructure	Lack of service to citizens, potential adverse impacts due to loss of heat or power
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Additionally, problem statements from the public survey are incorporated to provide a community wide view. Problems statements were developed using the following inputs:

- Location□
- Identified hazard□
- Key point of concern□

The following table present problem statements for each county, generated through discussions with participating jurisdictions within that county, to be utilized in informing the review, modification and development of hazard mitigation actions.

Table 6.2: Kansas Region K Community Problem Statements

Jurisdiction	Identified Hazard(s)	Problem Statement
Atchison County	Flood	Poor drainage systems exacerbate flood situations.
Atchison County	Tornado	A lack of saferoom access in jurisdictions throughout the county.
Atchison County	Utility /Infrastructure Failure	Power failures occur on an occasional basis causing problems for vulnerable populations and businesses.
Brown County	Flood	Flooding is a consistent threat to jurisdictions within the county.
Brown County	Utility /Infrastructure Failure	Power outages impact the capabilities of all participating jurisdictions.
Doniphan County	All Hazards	A lack of saferoom access in jurisdictions throughout the county.
Doniphan County	Flood	Flooding of roads and communities is a concern for all jurisdictions
Doniphan County	Tornado	Not all communities and schools have adequate saferooms.
Douglas County	All Hazards	Current public outreach initiatives need to be expanded
Douglas County	Flood	Roads and communities are susceptible to negative impacts from flood events
Douglas County	Civil Disorder	A large university student population increases the probability of a civil unrest event.
Douglas County	Civil Disorder	Major university sporting events increases the probability of a civil unrest event.
Douglas County	Hazardous Materials	Interstate 70, which bisects the county, is a route for the transportation of hazardous materials.
Iowa Tribe	All Hazards	Current public outreach initiatives need to be expanded





Iowa Tribe	Tornado and Windstorm	A lack saferooms on the tribal reservation.
Jackson County	Flood	Roads and communities are susceptible to negative impacts from flood events
Jackson County	Utility /Infrastructure Failure	Power outages impact the capabilities of all participating jurisdictions.
Jefferson County	All Hazards	Current public outreach initiatives need to be expanded
Jefferson County	Flood	Flooding is a consistent threat to jurisdictions within the county.

Table 6.2: Kansas Region K Community Problem Statements

Jurisdiction	Identified Hazard(s)	Problem Statement
Jefferson County	Tornado	A lack of saferoom access in jurisdictions throughout the county.
Kickapoo Tribe	All Hazards	Current public outreach initiatives need to be expanded
Marshall County	Flood	Roads and communities are susceptible to negative impacts from flood events
Marshall County	Utility /Infrastructure Failure	Unchecked tree growth and infrequent trimming cause power failures.
Nemaha County	Flood	Washed up brush in creeks and rivers that cause unnecessary flooding issues.
Washington County	All Hazards	Current public outreach initiatives need to be expanded
Washington County	Flood	Flooding of roads and communities is a concern for all jurisdictions
Washington County	All Hazards	Current public outreach initiatives need to be expanded

6.4 – Identification of Goals

44 CFR 201.6 (c)(3)(i): A description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

44 CFR 201.7 (c)(3)(i): A description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

Through thorough discussions at stakeholder meetings, the MPC determined that the four previously identified primary hazard mitigation goals remained relevant and applicable. This was because the priorities of Kansas Region K in relation to hazard mitigation planning have not changed during the five-year planning cycle. These goals were reviewed through a well-established consideration process, instituted by the MPC during previous plan updates, which consisted of:

- A review of previously identified hazard mitigation goals□
- A review of demographic and built environment data□





- A review of identified hazards, hazard events, and vulnerabilities□
- A review all identified hazard mitigation actions□

The following goals represent the Kansas Region K vision for hazard mitigation and disaster resilience.

- **Goal 1:** Reduce or eliminate risk to the people and property of Kansas Region K from the impacts of the identified hazards in this plan.□
- **Goal 2:** Strive to protect all vulnerable populations, structures, and critical facilities in Kansas Region K from the impacts of the identified hazards.□
- **Goal 3:** Improve public outreach initiatives to include education, awareness and partnerships with all entities in order to enhance understanding of the risk Kansas Region K faces due to the impacts of the identified hazards.□
- **Goal 4:** Enhance communication and coordination among all agencies and between agencies and the public.□

6.5 – Completed Mitigation Actions

Sine the completion of the previous HMP, each jurisdiction has been tracking the completion status of all identified hazard mitigation actions. Each of the following completed actions should be viewed as a testament to the effectiveness of the HMP and a positive step in creating safer and more resilient communities.

Table 6.3: County and Participating Jurisdictions Completed Hazard Mitigation Actions

Jurisdiction	Action Description
Douglas County	Wakarusa Township Fire Department Backup Generator
Douglas County	Bishop Seabury Academy (BSA) Safe Room
Circleville, Jackson County	Install generator at shelter location
Holton, Jackson County	Update of all outdoor warning systems
Holton, Jackson County	Tree Trimming - establish an aggressive tree trimming program.
Mayetta, Jackson County	Seek funding for the purchase and installation of warning sirens
Whiting, Jackson County	Install generators to maintain power in the event of severe weather events.

Kansas Region K is committed to pursuing funding to complete all major hazard mitigation projects.

6.6 – Review and Addition of Mitigation Actions

For this plan update, members of the MPC and participating jurisdictions were asked to complete a thorough review of all not completed mitigation actions. Additionally, MPC members and participating





jurisdictions were provided with the opportunity to identify and incorporate newly identified actions based on:

- Hazard events that have occurred since the last plan revision□
- Updated risk assessments□
- Identified goals and objectives□
- Changing local capabilities□
- New vulnerabilities.□

In identifying new, or reviewing existing mitigation actions, the following general categories were considered:

Local Plans and Regulations: Actions that influence the way land and buildings are developed or constructed. Actions may include:

- Revision or institution planning and zoning ordinances
- Revision or institution of building codes

- Open space preservation
- Revision or institution floodplain regulations
- Revision or institution stormwater management regulations
- Drainage system maintenance
- Requirements for riverine setbacks

Structure and Infrastructure Projects: Actions that involve the modification of existing structures to protect, or remove from, a hazard or hazard area. Actions may include:

- Acquisition of hazard prone properties
- Relocation of hazard prone properties
- Revision or institution of building elevation requirements
- Critical facilities protection
- Installation or retrofitting of community safe rooms
- Requiring insurance
- Installation or update of warning systems

Natural Systems Protection: Actions that minimize hazard losses to natural systems. Actions may include:

- Mandatory floodplain area protection
- Revision or institution of comprehensive watershed management programs
- Requirements for riparian buffers
- Requirements for forest and shrub management





- Revision or institution of erosion and sediment control
- Wetland preservation and restoration
- Slope stabilization programs

Education and Awareness Programs: Actions to inform and educate about potential hazards and actions to mitigate against them. Actions may include:

- Educational outreach programs
- Speaker and/ or demonstration events
- Notifying citizens on where to get information
- School educational and event programs

Each action was reviewed using the following metrics, asking if it was:

- **Specific** – The action addresses a hazard or need
- **Measurable** – Achievement or progress can be measured
- **Attainable** – Accepted by those responsible for achieving it
- **Relevant** – Substantively addresses the problem
- **Time-bound** – Time period for achievement is clearly stated

Additionally, the MPC and each jurisdiction was instructed to provide a brief summary regarding the status of each of these actions using the following:

- **Not Started:** Action will provide reason(s) for lack of progress, which may include lack of Funding, differing priorities, changes in political climate, lack of technical skills, etc.
- **In progress:** Action will provide a summary, and if applicable, a of percentage work completed to date.
- **Deleted:** Actions deemed no longer viable were marked for deletion from the plan. These actions are detailed in the next section.

6.7 – Prioritization of Mitigation Actions

44 CFR 201.6 (c)(3)(iii) An action plan describing how the actions identified in paragraph (c)(3)(ii) of this section will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

44 CFR 201.7 (c)(3)(iii) An action plan describing how the actions identified in paragraph (c)(3)(ii) of this section will be prioritized, implemented, and administered by the Indian Tribal Government.





All participating jurisdictions worked together to review and prioritize both previously identified and newly created hazard mitigation actions, with a self-analysis method used for prioritization. This methodology takes all considerations into account to ensure that, based on capabilities, funding, public wishes, political climate, and legal framework and context, reasonable actions are determined. Major determining factors included the potential effects on the overall risk to life and property, ease of implementation, community and agency support, consistency with mitigation goals, and the availability of Funding.

Of major concern was the potential cost of each action. In general, identified actions were proposed to reduce future damages. As such, it is critical that selected and implemented actions provide a greater saving over the life of the action than the initial cost. For structural and property protection actions cost effectiveness is primarily assessed on:

- Likelihood of damages occurring□
- Severity of the damages□
- Potential effectiveness□

For all other type of actions, including legislative actions, codes and ordinances, maintenance and education, cost effectiveness is primarily assessed on likely future benefits as these actions may not easily result in a quantifiable reduction in damage.

Based on this review, both previously identified and new action items were prioritized as per the following:

High priority:

- Actions that should be implemented as soon as possible
- Actions deemed most critical to achieve the identified mitigation goals

Medium priority:

- Actions that should be implemented in the long-term
- Actions deemed important to meet identified mitigation goals

- Low priority**
- Actions that should be implemented if Funding becomes available
 - Actions that have lowest impact toward achieving mitigation goals

6.8 – Jurisdictional Mitigation Actions





44 CFR 201.6 (c)(3)(ii): A section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

44 CFR 201.6 (c)(3)(iv): For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

44 CFR 201.7 (c)(3)(ii): A section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

The following tables identify mitigation action items for each participating jurisdiction, along with the following information:

- Hazard addressed
- Responsible party Overall priority
- Goal(s) addressed
- Estimated cost
- Potential Funding source
- Proposed completion timeframe
- Current status
- New actions that have been added to this plan update are identified as such.
- Actions that are in support of NFIP compliance are identified with a bold type **NFIP**





6.8.1 – Atchison County and Participating Jurisdictions Mitigation Actions

Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Atchison County-1	Educate and promote participation in the NFIP.	Flood	Emergency Management Coordinator	High	2,4	Unknown	Local, State	Continuous	On-going
Atchison County-2	Annually host a public "hazards workshop" at public venues to educate the public on the risk of hazards that threaten the county.	All Hazards	Emergency Management Coordinator	High	4	Unknown	Local	Continuous	On-going, Continuous
Atchison County-3	Provide educational material on individual and family preparedness/mitigation measures for property owners.	All Hazards	Emergency Management Coordinator	Medium	4	Unknown	Local	Continuous	On-going, Continuous
Atchison County-4	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers, and senior care facilities.	Tornado, Windstorm	Emergency Management Coordinator	High	2,3	Unknown	Local, State, Federal	Continuous	On-going
Atchison County-5	Educate residents about driving in winter storms and educate them on winter related health effects.	Winter Storm	Emergency Management Coordinator	High	4	Unknown	Local	Continuous	On-going, Continuous
Atchison County-6	Educate public and private sectors on potential agricultural terrorism and bio-terrorism.	Terrorism / Agri-Terrorism, Civil Disorder	Emergency Management Coordinator	Medium	3,4	Unknown	Local, State, Federal	Three years	On-going
Atchison County-7	Coordinate county and local mitigation efforts with Rural Electric Cooperatives (RECs).	Utility / Infrastructure Failure	Emergency Management Coordinator	High	3	Unknown	Local	Three Years	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Atchison County-8	Research and recommend appropriate building codes for the county for new construction. County should adopt and enforce codes that require certain minimum building practices and contractor licensing for wind loss reduction.	Tornado, Windstorm	Emergency Management Coordinator	High	2	Unknown	Local	Three years	On-going
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Atchison County-10	Develop a program to acquire and preserve parcels of land subject to repetitive flooding.	Flood	Floodplain Manager	Medium	1,2,3	Unknown	Local, State, Federal	Three years	On-going
Atchison County-11	Annually contact property owners with property in the high-risk flood areas about various programs/buy-outs, grants that are available to them and to gauge their interest.	Flood	Floodplain Manager	High	3,4	Unknown	Local	Continuous	On-going, Continuous
Atchison County-12	Identify flash-flood prone areas to consider flood reduction measures to county planners.	Flood	Floodplain Manager	Medium	1,2	Unknown	Local	Three years	On-going
Atchison County-13	Research and design an appropriate stream buffer ordinance to further protect water resources and limit future flood damages adjacent to major waterways.	Flood	Floodplain Manager	Medium	1,2	Unknown	Local, State, Federal	Three years	On-going
Atchison County-14	Inventory/survey the emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Emergency Management Coordinator	Medium	1	Unknown	Local, State	Three Years	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Atchison County-15	Research and recommend ordinance/resolution to require tornado saferooms for new major manufactures and/or mobile home parks with more than 10 mobile home spaces.	Tornado, Windstorm	Emergency Management Coordinator	High	2	Unknown	Local	Three years	On-going
Atchison County-16	Develop cross-departmental information collection capabilities and incorporate cadastral data utilizing a GIS for more detailed hazard risk assessments and tracking.	All Hazards	County Appraiser	High	1	Unknown	Local, State, Federal	Three Years	On-going
Atchison County-17	Develop and implement a wildfire prevention/education program.	Wildfire	Emergency Management Coordinator	Medium	1,4	Unknown	Local	Three years	On-going
Atchison County-18	Examine the current agreements within the county and assess the need to expand or	Wildfire	Emergency Management Coordinator	High	1,3	Unknown	Local	Three Years	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	update cooperative agreements for firefighting resources.								
Atchison County-19	Create a working group to evaluate the firefighting water supply resources within the county.	Wildfire	Emergency Management Coordinator	Medium	1,3	Unknown	Local	Three years	On-going
Atchison County-20	Atchison County and Atchison-Doniphan Drainage District No.15-45 will review and update current inspection criteria for levee no. LAT-0021.	Dam and Levee Failure	Emergency Management Coordinator	Medium	1,3	Unknown	Local	Three Years	On-going
Atchison County-21	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Emergency Management Coordinator	High	4	Unknown	Local	Continuous	On-going, Continuous





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Atchison County-22	Identify the county’s most at-risk critical facilities and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible.	All Hazards	Emergency Management Coordinator	Medium	1,3	Unknown	Local	Three years	On-going
Atchison County-23	Develop an annex to the Local Emergency Operations Plan (LEOP) for dam failure response and evacuation for high hazard dams in Atchison County.	Dam and Levee Failure	Emergency Management Coordinator	High	1,3	Unknown	Local	Three Years	On-going
Atchison-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	2,4	Staff Time	Local, State	Continuous	On-going
Atchison-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going
Atchison-3	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local	Continuous	On-going
Atchison-4	Seek funding for the design and construction of safe rooms and storm shelters in public and private	Tornado, Windstorm	Mayor	High	2,3	Staff Time	Local, State, Federal	Three Years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	schools, day care centers and senior care facilities								
Atchison-5	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Atchison-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Three Years	On-going
Atchison-7	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local	Three Years	On-going
Atchison-8	The City of Atchison is committed to participation and compliance with the NFIP.	Flood	City Planners	Medium	1,2	Staff Time	Local	Continuous	On-going
Effingham-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	2,4	Staff Time	Local, State	Three Years	On-going
Effingham-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Unknown	Local	Continuous	On-going, Continuous
Effingham-3	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	Unknown	Local	Continuous	On-going, Continuous
Effingham-4	Seek funding for the design and construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities	Tornado, Windstorm	Mayor	High	2,3	Unknown	Local, State, Federal	Three Years	On-going
Effingham-5	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Unknown	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Effingham-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Three Years	On-going
Effingham-7	Promote the use of NOAA All Hazards Weather Radios for the entire community of Effingham. Seek funding to subsidize purchase and distribution of weather radios.	All Hazards	Mayor	Medium	3,4	\$3,000	Local, State, Federal	Three Years	On-going
Huron-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	2,4	Staff Time	Local, State	Three Years	On-going
Huron-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Unknown	Local	Continuous	On-going, Continuous
Huron-3	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	Unknown	Local	Continuous	On-going, Continuous
Huron-4	Seek funding for the design and construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities	Tornado, Windstorm	Mayor	High	2,3	Unknown	Local, State, Federal	Three Years	On-going
Huron-5	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Unknown	Local	Continuous	On-going, Continuous
Huron-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Three Years	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Huron-7	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Unknown	Local	Four years	On-going
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Huron-8	Seek funding to repair and/or install new sirens as needed to ensure area coverage	All Hazards	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Four years	On-going
Huron-9	Seek funding to design and construct a community tornado shelter.	Tornado	Mayor	Low	2,3	\$500,000	FEMA	Four years	On-going
Lancaster-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	2,4	Staff Time	Local, State	Continuous	On-going
Lancaster-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going
Lancaster-3	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local	Continuous	On-going
Lancaster-4	Seek funding for the design and construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities	Tornado, Windstorm	Mayor	High	2,3	Staff Time	Local, State, Federal	Three Years	Not started, lack of funding
Lancaster-5	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Lancaster-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Three Years	On-going
Lancaster-7	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local	Three Years	On-going
Lancaster-8	Seek funding to design and construct a community tornado shelter.	Tornado	Mayor	Low	2,3	\$500,000	FEMA	Four years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Muscotah-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	2,4	Staff Time	Local, State	Continuous	On-going
Muscotah-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going
Muscotah-3	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local	Continuous	On-going
Muscotah-4	Seek funding for the design and construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities	Tornado, Windstorm	Mayor	High	2,3	Staff Time	Local, State, Federal	Three Years	Not started, lack of funding
Muscotah-5	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going





Table 6.4: Atchison County and Participating Jurisdictions Mitigation Actions

Muscotah-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Three Years	On-going
Muscotah-7	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local	Three Years	On-going
Muscotah-8	Seek funding to subsidize purchase and distribution of weather radios.	All Hazards	Mayor	Low	3,4	\$4,000	Local, State, Federal	Four years	Not started, lack of funding
Highland Community College HCC- 1	Seek funding for the construction of a tornado safe room for the Electrical Technology Building located in the City of Atchison.	Tornado	President	Low	2,3	Unknown	Local, State, Federal	Four years	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD #377-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all Unified School District 377 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	On-going
USD #409-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all Unified School District 409 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	On-going





6.8.2 – Brown County and Participating Jurisdictions Mitigation Actions

Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Brown County-1	Brown County is committed to continued participation and compliance with the NFIP.	Flood	Emergency Manager	High	1,2,3	Staff Time	State, FEMA Grants	Continuous	On-going, Continuous
Brown County-2	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program	Flood	Emergency Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Brown County-3	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year	Flood	Emergency Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Brown County-4	Educate and promote local jurisdictional participation in the NFIP.	Flood	Emergency Manager	Medium	4	Staff Time	Local, State	Continuous	On-going
Brown County-5	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners	All Hazards	Emergency Manager	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Brown County-6	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	3	Staff Time	Local/State/ Federal	Continuous	On-going
Brown County-7	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events	All Hazards	Emergency Manager	Medium	4	\$1,000 per workshop	Local/State	Continuous	On-going, Continuous





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Brown County-8	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and early alert systems.	Tornado, Windstorm	Emergency Manager	High	3	Staff Time	Local, School Districts, State, Federal	Continuous	On-going, Projects not started, lack of funding
Brown County-9	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Emergency Manager	High	4	Staff Time	Local, State	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Brown County-10	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/ Agri-Terrorism	Emergency Manager	Medium	4	Staff Time n	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Brown County-11	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Emergency Manager	High	1,3	Staff Time	Local	Three years	Not started, lack of staff
Brown County-12	Seek funding to purchase and install new warning sirens	All Hazards	Emergency Manager	Medium	1,3	\$60,000	Local, State, Federal	Three years	Not started. lack of funding
Brown County-13	Appoint a planning committee to research and develop a Comprehensive Land Use Plan for Brown County.	Flood	County Planner	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff
Brown County-14	Appoint a planning committee to identify flash-flood prone areas to consider flood reduction measures to county planners.	Flood	Floodplain Manager	Medium	1,2,3	Staff Time	Local	Three years	Not started, lack of staff





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Brown County-15	Develop and recommend an amendment to the County Flood Damage Prevention Ordinance to include a “no-rise (in base flood elevation)” clause for the county.	Flood	Floodplain Manager	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff
Brown County-16	Research, design, implement, and recommend an appropriate stream buffer ordinance to protect water resources and to limit future flood damages.	Flood	County Planner, Floodplain Manager	Medium	1,2	\$40,000	Local, State, Federal	Three years	Not started, lack of funding
Brown County-18	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing GIS	All Hazards	County Planner, county Appraiser	High	1,3	\$10,000	Local, State, Grants	Continuous	On-going, Continuous
Brown County-19	Conduct inventory/survey for the county’s emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Emergency Manager	Medium	1	Staff Time	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Brown County-20	Identify the county’s most at-risk critical facilities and evaluate potential mitigation techniques for protecting each to the maximum extent possible.	All Hazards	Emergency Manager	Medium	1,3	Staff Time	Local	Three years	Not started, lack of staff
Brown County-21	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Manager	Medium	1,3	Staff Time	Local	Continuous	On-going, Continuous
Brown County-22	Create a working group to evaluate the firefighting water supply resources within the County, including both fixed and mobile supply issues.	Wildfire	Emergency Manager	Medium	1,3	Staff Time	Local	Three years	Not started, lack of staff





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Brown County-23	Research and recommend appropriate building codes that includes wind-resistant design techniques for new construction.	Tornado, Windstorm	County Planner, County Appraiser	High	2	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Brown County-24	Distribute assessment report examples provided by the Kansas Forest Service to applicable parties to develop an understanding of the Community Wildfire Protection Plan (CWPP). Recommend joining the program and completing an assessment report for approval.	Wildfire	Emergency Manager	High	1,3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Brown County-25	Appoint a rural fire committee to schedule meetings with the Kansas Forest Service to map suspected hazardous wildfire areas in the county for potential participation in the CWPP.	Wildfire	Emergency Manager	High	1,3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Brown County-26	Incorporate wildfire maps, develop actions and projects for wildfire prevention, and complete an assessment report to meet CWPP requirements for submittal to the Kansas Forest Service.	Wildfire	Emergency Manager	High	1,3,4	\$5,000	Local, State, Federal	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Brown County-27	Incorporate the inspection and management of trees that may pose a threat to the county's routine maintenance process.	Windstorm, Tornado, Utility/ Infrastructure Failure	Emergency Manager	Medium	1,3	\$10,000	Local	Continuous	Not started, lack of funding





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Brown County-28	Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground	Utility/ Infrastructure Failure	Emergency Manager	High	2,3	Unknown	Local	Three years	On-going
Brown County-29	Pony Creek Joint Watershed District No. 78 will continue to protect the water and land resources within its jurisdiction. It will evaluate the need for further floodwater control and erosion control actions or projects. Additional effort will be made to seek alternative funding resources as they become available.	Flood	Emergency Manager	Medium	1,2,3	Unknown	Local, State, Federal	Continuous	Not started, lack of funding
Brown County-30	Walnut Creek Watershed will continue to protect the water and land resources within its jurisdiction. It will evaluate the need for further floodwater control and erosion control actions or projects. Additional effort will be made to seek alternative funding resources as they become available.	Flood	Emergency Manager	Medium	1,2,3	Unknown	Local, State, Federal	Continuous	On-going, Continuous
Brown County-31	Appoint a committee to develop and submit an Emergency Action Plan (EAP) for each of the three High Hazard Dams owned and maintained by the Walnut Creek Watershed.	Dam and Levee Failure	Emergency Manager	High	1,2,3	Staff Time	Local	Three years	Not started, lack of staff
Brown County-32	Wolf River Watershed will continue to protect the water and land resources within its jurisdiction. It will evaluate the need for further floodwater control and erosion control actions or projects.	Flood	Emergency Manager	High	1,2,3	Unknown	Local, State, Federal	Continuous	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

	Additional effort will be made to seek alternative funding resources as they become available.								
Everest-1	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Everest-2	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Everest-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going
Everest-4	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Everest-5	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Everest-6	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Everest-7	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Everest-8	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Everest-9	Promote and educate the jurisdiction's public and private sectors on potential	Terrorism/ Agri-	Mayor	Medium	4	Staff Time	Local, State, KS Animal	Continuous	On-going, Continuous
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	agricultural terrorism and bio-terrorism issues.	Terrorism, Civil Disorder					Health, Federal		
Everest-10	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff
Everest-11	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Everest-12	Appoint a planning committee to research and develop a Comprehensive Land Use Plan.	All Hazards	Mayor	High	1,3	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Everest-13	Seek funding to purchase and install a backup power generator for the second outdoor warning siren.	Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Fairview-1	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Fairview-2	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Fairview-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Fairview-4	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Fairview-5	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Fairview-6	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	other appropriate events drawing large crowds.								
Fairview-7	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Fairview-8	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Fairview-9	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Fairview-10	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Fairview-11	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Fairview-12	Seek funding to design and build safe rooms for the town of Fairview	Tornado	Mayor	High	2,3	\$300,000	Local, State, Federal	Three years	On-going
Fairview-13	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	On-going
Hiawatha-1	Hiawatha is committed to continued participation and compliance with the NFIP.	Flood	Floodplain Manager	High	1,2,3	Staff Time	State, FEMA Grants	Continuous	On-going, Continuous
Hiawatha-2	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	Mitigation Assistance (FEMA) program, in addition to other flood protection measures.								
Hiawatha-3	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Hiawatha-4	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going
Hiawatha-5	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Hiawatha-6	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Hiawatha-7	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Hiawatha-8	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Hiawatha-9	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Hiawatha-10	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Hiawatha-11	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	evacuation for high hazard dams/levees in the jurisdiction.								
Hiawatha-12	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Hiawatha-13	Appoint a planning committee to identify flash-flood prone areas to consider flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,3	Staff Time	Local	Three years	Not started, lack of staff
Hiawatha-14	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$10,000	Local, State, Federal	Three years	Not started, lack of funding
Hiawatha-15	Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground.	Utility/ Infrastructure Failure	Mayor	High	1,3	Staff Time	Local	12/31/2014	On-going
Hiawatha-16	Seek funding to complete a stormwater drainage study for the jurisdiction that will lead to a stormwater management ordinance that maintains pre-development runoff rates.	Flood	City Planner	Medium	1	Unknown	Local, State, Federal	12/31/2014	On-going
Horton-1	Horton is committed to continued participation and compliance with the NFIP.	Flood	Floodplain Manager	High	1,2,3	Staff Time	State, FEMA Grants	Continuous	On-going, Continuous
Horton-2	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program,	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

	in addition to other flood protection measures.								
Horton-3	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Horton-4	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going
Horton-5	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Horton-6	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Horton-7	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Horton-8	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Horton-9	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Horton-10	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Horton-11	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Horton-12	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Horton-13	Appoint a planning committee to identify flash-flood prone areas to consider flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,3	Staff Time	Local	Three years	Not started, lack of staff
Horton-14	Appoint a planning committee to develop an Evacuation Plan for Horton in the event of dam failure. Coordinate efforts with County Emergency Management to include the evacuation plan in the LEOP.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	NA	12/31/2014	On-going
Horton-15	Seek out grant programs that may sponsor NOAA emergency radio distribution and/or subsidized costs and then purchase and distribute radios.	All Hazards	Mayor	High	1,3	\$8,000	Local, State, Federal	Continuous	Not started, lack of funding
Horton-16	Incorporate the inspection and management of trees into the city's routine maintenance process to remove trees that may pose a threat to people and the infrastructure.	Tornado, Windstorm, Utility/ Infrastructure Failure	Mayor	High	1,3	\$10,000	Local	12/31/2014	Not started, lack of funding





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Horton-17	Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground.	Winter Storm	Mayor	High	1,3	Staff Time	Local	12/31/2014	On-going
Horton-18	Appoint a team to evaluate and assess potential downstream damage in the event of dam failure from the Mission Lake Dam and update the current Emergency Action Plan. The City should also contact the Kansas	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	7/31/2011	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	Department of Agriculture, Structures Division, to apply for inundation mapping and evaluation assistance for their high hazard dam.								
Morrill-1	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Morrill-2	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Morrill-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Morrill-4	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Morrill-5	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Morrill-6	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Morrill-7	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Morrill-8	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Morrill-9	Promote and educate the jurisdiction’s public and private sectors on potential	Terrorism/ Agri-	Mayor	Medium	4	Staff Time	Local, State, KS Animal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	agricultural terrorism and bio-terrorism issues.	Terrorism, Civil Disorder					Health, Federal		
Morrill-10	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Morrill-11	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Morrill-12	Appoint a committee to research and develop a FEMA application package for participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local	12/31/2014	Not started, lack of staff
Morrill-13	Incorporate the inspection and management of trees that may pose a threat to the electrical lines that could result in power outages during severe winter/ice storms into the city maintenance program.	Winter Storm	Mayor	Medium	1,3	\$5,000	Local, State, Federal	12/31/2014	Not started, lack of funding
Reserve-1	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Reserve-2	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Reserve-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going
Reserve-4	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Reserve-5	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Reserve-6	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Reserve-7	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding
Reserve-8	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Reserve-9	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Reserve-10	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff
Reserve-11	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Reserve-12	Seek funding to design and build safe rooms for the town of Reserve.	Tornado	Mayor	High	1,2,3	\$250,000	Local, State, Federal	Four years	Not started, lack of funding
Reserve-13	Seek funding to subsidize, purchase and distribution of NOAA weather radios.	All Hazards	Mayor	High	1,3,4	\$8,000	Local	Three years	Not started, lack of funding
Robinson-1	Robinson is committed to continued participation and compliance with the NFIP.	Flood	Floodplain Manager	High	1,2,3	Staff Time	State, FEMA Grants	Continuous	On-going, Continuous





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Robinson-2	On an annual basis, contact owners identified in high-risk flood areas and	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program, in addition to other flood protection measures.								
Robinson-3	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Robinson-4	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going
Robinson-5	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Robinson-6	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Robinson-7	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Robinson-8	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and senior care facilities and improve advanced warning systems.	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts, State, Federal	Continuous	Not started, lack of funding





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Robinson-9	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Robinson-10	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Robinson-11	Appoint a planning committee to develop and adopt an annex to the LEOP	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.								
Robinson-12	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Robinson-13	Appoint a planning committee to identify flash-flood prone areas to consider flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,3	Staff Time	Local	Three years	Not started, lack of staff
Willis-1	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Floodplain Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Willis-2	Advertise and promote the availability of flood insurance to county property owners by direct mail once a year.	Flood	Floodplain Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Willis-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	Floodplain Manager	Medium	4	Staff Time	Local, State	Three years	On-going





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Willis-4	Collect and distribute educational materials on individual and family preparedness and/or mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Willis-5	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3	Staff Time	Local, State, FEMA	Three years	On-going
Willis-6	Annually host a public “hazards workshop” for the residents in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	Medium	4	\$300 per workshop	Local, State	Continuous	Not started, lack of funding
Willis-7	Encourage and seek funding for the construction of safe rooms in public and private schools, day care centers and	Tornado, Windstorm	Mayor	High	3	Staff Time and \$500,000 per project	Local, School Districts,	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	senior care facilities and improve advanced warning systems.						State, Federal		
Willis-8	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local, State	Continuous	On-going, Continuous
Willis-9	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism, Civil Disorder	Mayor	Medium	4	Staff Time	Local, State, KS Animal Health, Federal	Continuous	On-going, Continuous
Willis-10	Appoint a planning committee to develop and adopt an annex to the LEOP for dam/levee failure response and evacuation for high hazard dams/levees in the jurisdiction.	Dam and Levee Failure	Mayor	High	1,3	Staff Time	Local	Three years	Not started, lack of staff





Table 6.5: Brown County and Participating Jurisdictions Mitigation Actions

Willis-11	Seek grant funding to purchase and install the new warning sirens.	All Hazards	Mayor	Medium	1,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Willis-12	Seek funding to design and build safe rooms for the town of Willis.	Tornado	Mayor	High	1,2,3	\$250,000	Local, State, Federal	Four years	Not started, lack of funding
Willis-13	Seek funding to subsidize, purchase and distribution of NOAA weather radios.	All Hazards	Mayor	High	1,3,4	\$8,000	Local	Three years	Not started, lack of funding
Willis-14	Develop a workshop to educate citizens of Willis regarding the Severe Weather Alert System and develop an Action Plan for distribution.	All Hazards	Mayor	High	1,4	\$200 per workshop	Local, State	Three years	Not started, lack of funding
USD 415-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 415 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD 430-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 430 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding





6.8.3 – Doniphan County and Participating Jurisdictions Mitigation Actions

Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Doniphan County-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Emergency Manager	High	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Doniphan County-1a	Continued participation in the NFIP. Adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the NFIP.	Flood	Zoning Administrator	High	2	Staff Time	None	Continuous	On-going, Continuous
Doniphan County-2	The County and local governments will work with the KDA-DWR to educate and promote local jurisdictional participation in the NFIP.	Flood	Emergency Manager	High	1,2	Staff Time	Local, State	Continuous	On-going
Doniphan County-3	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Emergency Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Doniphan County-4	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Emergency Manager	High	3,4	\$1,000 per workshop	Local, State, Federal	Continuous	Not started, lack of funding
Doniphan County-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Emergency Manager	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Doniphan County-6	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Emergency Manager	High	4	Staff Time	Local	Continuous	On-going, Continuous
Doniphan County-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/ Agri-Terrorism	Emergency Manager	High	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Doniphan County-8	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Doniphan County-9	Develop cross-departmental information collection capabilities, and incorporate cadastral (building/parcel) data utilizing GIS	All Hazards	Emergency Manager	Medium	4	Staff Time	Local, State	Three years	Not started, lack of staff
Doniphan County-10	Doniphan County is committed to continued participation and compliance with the NFIP.	Flood	Emergency Manager	High	1,2	Staff Time	Local	Continuous	On-going, Continuous
Doniphan County-11	Update the Comprehensive Land Use Plan for the County.	All Hazards	Emergency Manager	Medium	1,2	Staff Time	Local	Three years	On-going
Doniphan County-12	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners.	Flood	Emergency Manager	High	1,2	Fair market value	Local, State, Federal	Continuous	Not started, lack of funding
Doniphan County-13	Contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program	Flood	Emergency Manager	High	1,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Doniphan County-14	Identify flash-flood prone areas to consider flood reduction measures to county planners.	Flood	Emergency Manager	High	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Doniphan County-15	Research and design an appropriate stream buffer ordinance to further protect the jurisdiction's water resources and to limit future flood damages adjacent to major waterways.	Flood	Emergency Manager	High	1,2	\$40,000	Local, State, Federal	Three years	Not started, lack of funding
Doniphan County-16	Consider researching and recommending appropriate building codes for the County that include wind-resistant design techniques for new construction.	Tornado, Windstorm	Emergency Manager	High	2	Staff Time	Local	Three years	Not started, lack of staff
Doniphan County-17	Research, develop and recommend an ordinance /resolution to require installation of tornado shelters for any	Tornado, Windstorm	Emergency Manager	High	2,3	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	new major manufactured and/or mobile home parks with more than 10 mobile home spaces.								
Doniphan County-18	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Manager	High	1,3	Staff Time	Local	Three years	Not started, lack of staff
Doniphan County-19	Evaluate the firefighting water supply resources within the County., including both fixed and mobile supply issues.	Wildfire	Emergency Manager	Medium	1,3	Staff Time	Local	Three years	Not started, lack of staff
Doniphan County-20	Develop and implement a wildfire prevention/education program.	Wildfire	Emergency Manager	Medium	4	\$300 per workshop	Local	Continuous	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Doniphan County-21	Conduct inventory/survey for the county emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Emergency Manager	Medium	1,3	Staff Time	Local, State	Three years	Not started, lack of staff
Doniphan County-22	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner.	All Hazards	Emergency Manager	Medium	1,3,4	Staff Time	Local, State	Three years	Not started, lack of staff
Doniphan County-23	Incorporate the inspection and management of trees that may pose a threat to the county's routine maintenance system process.	Utility/ Infrastructure Failure	Emergency Manager	Medium	3	\$8,000	Local	Continuous	On-going, Continuous
Doniphan County-24	The Doniphan Electric Cooperative Association, Inc. will continue to coordinate mitigation efforts with county and local governments	Utility/ Infrastructure Failure	Emergency Manager	Medium	3,4	Staff Time	Local, State, Federal	Three years	On-going
Doniphan County-25	The Elwood-Gladden Drainage District will continue to operate and maintain their levee in accordance with appropriate regulatory requirements.	Dam and Levee Failure	Emergency Manager	High	1	Staff Time	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Doniphan County-26	Emergency Generators. Acquire and install a permanently mounted generator capable of handling all emergency operations at the Doniphan County Courthouse	Utility/ Infrastructure Failure	Emergency Management Coordinator	High	1,2	\$30,000	Local, Grant	Five years	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Doniphan County-27	The Elwood Gladden Drainage District will work in coordination with Doniphan County and the cities of Elwood and Wathena to research and pursue funding options for the purchase and installation of discharge pumps and outlet drainages for both city's sewage lagoons, allowing effluent discharge to flow beyond the levee systems to the Missouri River.	Utility/ Infrastructure Failure	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Three years	On-going
Doniphan County-28	The Burr Oak Drainage District will continue to maintain and operate flood control structures and channels, allowing storm water runoff to pass through the district without causing flooding of property.	Dam and Levee Failure	Emergency Manager	Medium	1	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Denton-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Mayor	Medium	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Denton-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local, State	Three years	On-going
Denton-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Denton-4	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Mayor	High	3,4	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Denton-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding
Denton-6	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Denton-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	High	3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Denton-8	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Denton-8a	Acquire and Install emergency generator for the City.	Utility/ Infrastructure Failure	Council Member/ Coordinator	High	1,2	\$30,000	Local, Grant	Five years	Not started, lack of funding
Denton-9	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$5,000	Local, State	Three years	Not started, lack of staff
Denton-10	Seek funding to purchase and install an outside warning system for the City.	All Hazards	Council Member/ Coordinator	High	1,2	\$30,000	Local, State, Federal	Five years	Not started, lack of funding
Elwood-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Mayor	Medium	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Elwood-2	NFIP. Participation in the NFIP ensures that citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Adopt and	Flood	City Clerk	High	2	None-	None	Continuous	On-going
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	enforce floodplain management regulations that meet or exceed the minimum requirements of the NFIP.								
Elwood-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local, State	Three years	On-going
Elwood-4	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Elwood-5	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Mayor	High	3,4	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Elwood-6	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding
Elwood-7	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Elwood-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri- Terrorism	Mayor	High	3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Elwood-9	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Elwood-10	Acquire and Install emergency generators for the City of Elwood's water tower, Community Buildings and City Hall.	Utility/ Infrastructure Failure	Council Member/ Coordinator	High	1,2	\$30,000	Local, Grant	Five years	Not started, lack of funding
Elwood-11	Seek funding to design community tornado shelters and	Tornado, Windstorm	Mayor	Medium	4	\$500,000	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	apply for grant funding for construction.								
Elwood-12	Research and pursue funding options to map and upgrade the city of Elwood storm drain system to minimize overflow and subsequent damage to property.	Flood	Mayor	High	1,2	\$300,000	Local, State, Federal	Five years	Not started, lack of funding
Elwood-13	Research and pursue funding options for the mapping of utility services provided in the city of Elwood, including water, sewer, and electrical utilities	Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$15,000	Local, State, Federal	12/31/2015	On-going





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Elwood-14	The city of Elwood will work in coordination with Doniphan County and the Elwood Gladden Drainage District to research and pursue funding options for the purchase and installation of discharge pumps and outlet drainages for the city of Elwood's sewage lagoon, allowing effluent discharge to flow beyond the levee system to the Missouri River.	Flood	Mayor	Medium	1,3,4	Unknown	Local, State, Federal	12/31/2015	On-going
Highland-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Mayor	Medium	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Highland-2	NFIP. Participation in the NFIP ensures that citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the NFIP.	Flood	City Clerk	High	2	None-	None	Continuous	On-going
Highland-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local, State	Three years	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Highland-4	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Highland-5	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Mayor	High	3,4	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Highland-6	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding
Highland-7	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Highland-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	High	3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Highland-9	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Highland-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	Unknown	Local, State	Three years	Not started, lack of staff
Highland-11	The City of Highland is committed to continued participation and compliance with the NFIP.	Flood	City Clerk, City Attorney	High	1,2	Unknown	Local	Continuous	On-going, Continuous
Highland-12	Research funding options and consider the purchase of emergency generators and/or transfer switches to provide backup power for Critical Facilities, including the City of Elwood's city hall,	Utility/ Infrastructure Failure	Mayor	Medium	1,3	Unknown	Local, State, Federal	Four years	On-going





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	emergency shelters, and emergency services building.								
Highland-13	Research and pursue funding options for the mapping of utility services provided in the city of Highland, including water, sewer, and electrical utilities.	All Hazards	Mayor	Medium	1,3	\$10,000	Local, State, Federal	Four years	On-going
Troy-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Mayor	Medium	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Troy-2	NFIP. Participation in the NFIP ensures that citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the NFIP.	Flood	City Clerk	High	2	None-	None	Continuous	On-going
Troy-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local, State	Three years	On-going
Troy-4	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Troy-5	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Mayor	High	3,4	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Troy-6	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding
Troy-7	Educate residents about driving in winter storms and	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	handling winter-related health effects.								
Troy-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	High	3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Troy-9	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Troy-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	Unknown	Local, State	Three years	Not started, lack of staff
Troy-11	The City of Troy is committed to continued participation and compliance with the NFIP.	Flood	City Clerk, City Attorney	High	1,2	Staff Time	Local	Continuous	On-going, Continuous
Troy-12	Research funding options and purchase emergency generators and/or transfer switches to provide backup power for Critical Facilities.	Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Troy-13	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood		Medium	1,3	Staff Time and mailing costs	Local, State, Federal	Two years	Not started, lack of staff
Troy-13	Research and pursue funding options to map and upgrade the city storm drain system to minimize overflow and subsequent damage to property.	Flood	Mayor	Medium	1,3,4	\$300,000	Local, State, Federal	Three years	Not started, lack of funding
Troy-14	Seek funding for the purchase and installation of an additional outdoor warning siren in the city.	All Hazards	Mayor	Medium	1,3	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Wathena-1	Doniphan County and the incorporated cities will work in coordination with the KDA-DWR and FEMA to develop D-FIRMs for the county and incorporated cities.	Flood	Mayor	Medium	2	Staff Time	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Wathena-2	NFIP. Participation in the NFIP ensures that citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the NFIP.	Flood	City Clerk	High	2	None-	None	Continuous	On-going
Wathena-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	Mayor	High	1,2	Staff Time	Local, State	Three years	On-going
Wathena-4	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Wathena-5	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other community events drawing large crowds.	All Hazards	Mayor	High	3,4	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Wathena-6	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	2,3,4	Staff Time, \$500,000	Local, State, Federal	Continuous	Not started, lack of funding
Wathena-7	Educate residents about driving in winter storms and handling winter-related health effects.	Winter Storm	Mayor	High	4	Staff Time	Local	Continuous	On-going, Continuous
Wathena-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/ Agri-Terrorism	Mayor	High	3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Wathena-9	Coordinate county and local government mitigation efforts with RECs.	Utility/ Infrastructure Failure	Mayor	High	3,4	Staff Time	Local	Continuous	On-going, Continuous
Wathena-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	Unknown	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Wathena-11	The City is committed to continued participation and compliance with the NFIP.	Flood	City Clerk	High	1,2	Staff Time	Local	Continuous	On-going, Continuous
Wathena-12	Seek funding to design community tornado shelters and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Medium	2,3	\$500,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

Wathena-13	Research and pursue funding options for the mapping of utility services provided in the city of Wathena, including water, sewer, and electrical utilities.	Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$10,000	Local, State, Federal	Three years	Not started, lack of funding
Wathena-14	Research and developing a Comprehensive Land Use Plan for the city of Wathena, as well as the creation and adoption of Zoning Ordinances for the city.	All Hazards	Mayor	Medium	1,3,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Wathena-15	Research funding options and purchase of emergency generators and/or transfer switches to provide backup power for Critical Facilities, including the water treatment plant and pumping station in the city of Wathena.	Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
Wathena-16	The city of Wathena will work in coordination with Doniphan County and the Elwood Gladden Drainage District to research and pursue funding options for the purchase and installation of discharge pumps and outlet drainages for the city of Wathena's sewage lagoon, allowing effluent discharge to flow beyond the levee system to the Missouri River.	Flood, Dam and Levee Failure	Mayor	Medium	3	Unknown	Local, State, Federal	Three years	Not started, lack of funding
Highland Community College-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all HCC buildings.	Tornado	President	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.6: Doniphan County and Participating Jurisdictions Mitigation Actions

USD114-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 114 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD114-2	Seek funding to retain a professional school safety and security firm to review and update the school’s Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism/ Agri-Terrorism, Civil Disorder	Superintendent	Low	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD429-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 429 school buildings. .	Tornado, Windstorm	Superintendent	High	1,2	\$1,000,000	Local, State, Federal	Five years	Not started, lack of funding
USD429-2	Acquire audio and visual emergency communication and notification systems for interior and exterior of school grounds.	All Hazards	Superintendent	High	1,2	\$25,000	Local, State, Federal	Five years	Not started, lack of funding





6.8.4 – Douglas County and Participating Jurisdictions Mitigation Actions

Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Douglas County-1	Promote and continue to participate in the National Flood Insurance Program.	Flood	Emergency Manager	High	1	Staff Time	Local	Continuous	On-going, Continuous
Douglas County-2	Provide additional support to the Community Rating System to raise the rating to the next level	Flood	Emergency Manager	High	1	Staff Time	Local, State, Federal	Two years	On-going
Douglas County-3	Proactive management of tree and debris removal from roadways and elevation of roadways.	Tornado, Winter Storm, Windstorm	Emergency Manager	High	1	\$60,000	Local	Continuous	On-going, Continuous
Douglas County-4	Evaluate existing buildings for safe areas and prioritize replacements and upgrades to existing facilities. Obtain funding for those retrofits / new construction.	Tornado, Winter Storm, Windstorm	Emergency Manager	High	2	Staff Time	Local	Two years	Not started, lack of staff
Douglas County-5	Develop and conduct a seminar for builders, developers, and home buyers on wind resistant and safe room construction.	Tornado, Windstorm	Emergency Manager	High	3	\$1,500 per seminar	Local	Continuous	Not started, lack of staff
Douglas County-6	Promote and seek funding for all hazard radios.	All Hazards	Emergency Manager	High	2,3	\$10,000	Local	Continuous	Not started, lack of funding
Douglas County-7	Purchase software that allows management and essential staff to operate in a virtual office environment.	All Hazards	Emergency Manager	High	4	\$229,500	Local	Four years	Not started, lack of funding
Douglas County-8	Enhance existing GIS systems.	All Hazards	Emergency Manager	High	1	\$6,000	Local	On-going	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Douglas County-9	Identify and clearly mark evacuation routes. Allow for quick and safe evacuation if needed.	All Hazards	Emergency Manager	High	1	\$15,000	Local	On-going	Not started, lack of funding
Douglas County-10	Acquire outdoor tornado warning sirens for the Douglas County area. Effectively notify entire county of tornado warnings.	Tornado	Emergency Manager	High	1,2,3,4	\$20,000 per siren	Unknown	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Douglas County--11	Public education of drought impacts on tree roots and preventative measures to take.	Tornado, Windstorm, Winter Storm	Emergency Manager	High	1,2,3	\$3,000	Unknown	On-going	Not started, lack of funding
Douglas County-12	Acquire and install a permanently mounted emergency generator for the Douglas county Courthouse.	Utility/ Infrastructure Failure	Emergency Manager	High	1,2	\$30,000	Unknown	Unknown	Not started, lack of funding
Douglas County-13	Conduct regular emergency preparedness drills for school children at all levels, including tornado drills, and fire evacuation drills.	Tornado, Wildfire, Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	1,2,3	Staff Time	Unknown	Continuous	Not started, lack of staff
Douglas County-14	Assess vulnerability of critical facilities, including police/fire stations, hospitals, schools, and others, to identify and prioritize projects for risk reduction.	All Hazards	Emergency Manager	High	1,2	Staff Time	Unknown	Continuous	Not started, lack of staff
DouglasCo-15	Provide educational materials about natural hazards and risks in Douglas county to customers in utility bills.	All Hazards	Emergency Manager	High	1,2,3	\$5,000	Unknown	Continuous	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Douglas County-16	Public education program of all hazards and previous measures taken.	All Hazards	Emergency Manager	High	1,2,3	Staff Time	Unknown	Continuous	Not started, lack of staff
Douglas County-17	Study drainage issues of the Baldwin Creek drainage basin and NW Lawrence caused by the development of Rock Chalk Sports complex.	Flood	Emergency Manager	High	1,2	\$75,000	Unknown	Three years	Not started, lack of funding
Baldwin-1	Promote and continue to participate in the National Flood Insurance Program.	Flood	Mayor	High	1,2	Staff Time	Local	Continuous	On-going, Continuous
Baldwin-2	Provide additional support to the Community Rating System to raise the rating to the next level.	Flood	Mayor	High	3,4	Staff Time	Local	Two years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Baldwin-3	Upgrade / repair / upsize 8 culverts within Baldwin City to prevent continued flooding issues.	Flood	Mayor	High	1,2	\$565,000	Local	Two years	Not started, lack of funding
Baldwin-4	Proactive management of tree and debris removal from roadways and elevation of roadways.	Tornado, Winter Storm, Windstorm	Mayor	High	1,2	\$60,000	Local	Continuous	Not started, lack of funding
Baldwin-5	Obtain funding for safe room retrofits / new construction.	Tornado, Winter Storm, Windstorm	Mayor	High	1,2	Staff Time and \$500,000	Local	Three years	Not started, lack of funding
Baldwin-6	Develop and conduct a seminar for builders, developers, and home buyers on wind resistant and safe room construction.	Tornado, Windstorm	Mayor	High	3	\$1,000 per seminar	Local	Continuous	Not started, lack of staff





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Baldwin-7	Promote the use of all hazard radios and seek funding to supplement the purchase of NOAA weather radios	All Hazards	Mayor	High	1,2,3,4	Staff Time	Local	Continuous	Not started, lack of funding
Baldwin-8	Study drainage issues throughout the county in flood prone areas, and make recommendations for flood control measures, flood management procedures, and low-water crossing improvements.	Flood	Mayor	High	1,2	Staff Time	Local	Two years	Not started, lack of staff
Baldwin-9	Enhance existing GIS systems.	Flood	Mayor	High	1,2	\$5,000	Local	Three years	Not started, lack of funding
Eudora-1	Develop procedures to activate EAS and NWS all-hazard radios for emergency situations affecting a large portion of the population and provide education on shelter-in-place versus evacuation.	All Hazards	Fire Chief, Emergency Manager	High	4	Staff Time	Local	One year	Not started, lack of staff
Eudora-2	Seek funding to purchase and install available systems that can be utilized to warn citizens of an emergency.	All Hazards	Fire Chief, Emergency Manager	High	3,4	Staff Time	Unknown	Two years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Eudora-3	Provide backup power generators for critical facilities in Eudora.	Utility/ Infrastructure Failure	Fire Chief, Emergency Manager	High	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Eudora-4	Continue to participate in the NFIP	Flood	Mayor	High	1,3	Fair market value	Local	Continuous	On-going, Continuous
Eudora-5	Provide additional support to the Community Rating System to raise the rating to the next level.	Flood	Mayor	High	1	Staff Time	Local	Three years	Not started, lack of staff





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Eudora-6	Purchase structures in the 100-year flood plain	Flood	Mayor	High	1	Fair market value	Local, State, Federal	Three years	Not started, lack of funding
Eudora-7	Develop procedures to activate EAS and NWS all-hazard radios for chemical events and provide education on shelter in- place related to a chemical release event.	Hazardous Material	Mayor	High	1,2,4	Staff Time	Local	Four years	Not started, lack of staff
Eudora-8	Provide educational materials for COOP Planning for small business and government.	All Hazards	Mayor	High	3	\$60,000	Local	Three years	Not started, lack of funding
Eudora-9	Proactive management of tree and debris removal from roadways	Tornado, Windstorm, Winter Storm	Mayor	High	1,2	\$60,000	Local	Three years	Not started, lack of funding
Eudora-10	Provide homeowner education on wildfire mitigation in wildland-urban interface.	Wildfire	Mayor	High	3	\$500 per workshop	Local	Two years	Not started, lack of funding
Eudora-11	Research stream bank set back ordinances.	Flood	Mayor	High	1	Staff Time	Local	Three years	Not started, lack of staff
Eudora-12	Seek funding for safe rooms and prioritize replacements and upgrades to existing facilities.	Tornado, Windstorm, Winter Storm	Mayor	High	1,2	\$350,000	Local, State, Federal	Three years	Not started, lack of funding
Eudora-14	Develop and conduct a seminar for builders, developers, and home buyers on wind resistant and safe room construction.	Tornado, Windstorm, Winter Storm	Mayor	High	1,2	\$300 per seminar	Local	Two years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Eudora-15	Promote the early warning notification with the use of all hazard radios.	All Hazards	Mayor	High	1,2,4	\$2,000	Local	Continuous	Not started, lack of staff





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Eudora-16	Enhance existing GIS systems	All Hazards	Mayor	High	1,2,4	\$3,000	Local	Two years	Not started, lack of funding
Eudora-17	Provide hydrologic and hydraulic analysis and storm damage improvement designs for the City of Eudora.	Flood	Mayor	High	1,2	\$20,000	Local	Two years	Not started, lack of funding
Lawrence-1	Promote and continue to participate in the NFIP.	Flood	Planning & Development Services Department; Asst Director, Planning	High	1,2	Staff Time	Local	Continuous	On-going, Continuous
Lawrence-2	Provide additional support to the Community Rating System to raise the rating to the next level.	Flood	Planning & Development Services Department; Asst Director, Planning	High	3	Staff Time	Local, State, Federal	12/31/2015	Not started, lack of staff
Lawrence-3	Proactive management of tree and debris removal from roadways and elevated areas next to the roadway, such as Right of way or other easements	Tornado, Winter Storm, Windstorm	Parks & Rec Department; Horticulture Manager	High	1,2	\$60,000	Local	Continuous	Not started, lack of funding
Lawrence-4	Upgrade storm water pumps for Maple Grove drainage and additional pumping capacity to the existing pump station. An infrastructure tax to support this project is on the November 2009 ballot.	Utility/ Infrastructure Failure	Public Works Department; Stormwater Engineer	High	1,2	\$1,000,000	Local	Unknown	Not started, lack of funding
Lawrence-5	Seek funding to evaluate and construct existing buildings for safe rooms, and construct replacements and upgrades to existing facilities.	Tornado, Windstorm, Winter Storm		High	2	\$500,000	Local	Continuous	Not started, lack of funding
Lawrence-6	Develop and conduct a seminar for builders, developers, and home buyers	Tornado, Windstorm	Planning & Development Services	High	3	\$2,000 per seminar	Local	Continuous	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	on wind resistant and safe room construction.		Department; Asst Director Development Svcs						
Lawrence-7	Seek funding to promote and purchase NOAA weather radios	All Hazards	Emergency Manager	High	3,4	\$8,000	Local	Continuous	Not started, lack of funding
Lawrence-8	Enhance and maintain existing GIS systems.	Flood	Dept of Information Technology; GIS Coordinator	High	1,2	\$10,000	Local	On-going	Not started, lack of funding
Lawrence-9	Create a stream buffer ordinance.	Flood	Dept of Public Works; Stormwater Engineer	High	1,2	Staff Time	Local	On-going	Not started, lack of staff
Lawrence-10	Relocate the Public Works Facility and Fuel Station outside of flood zone.	Flood	Public Works Director	High	1,2	\$5,000,000	Local, State and Federal	On-going	Not started, lack of funding
Lawrence-11	Develop a map layer of lower water crossing bridges.	Flood	Dept of Public Works; Stormwater Engineer	High	1,2	Staff Time	Local	On-going	Not started, lack of staff
Lecompton-1	Promote and continue to participate in the NFIP.	Flood	Planning & Development Services Department; Asst Director, Planning	High	1,2	Staff Time	Local	Continuous	On-going, Continuous





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Lecompton-2	Provide additional support to the Community Rating System to raise the rating to the next level.	Flood	Planning & Development Services Department; Asst Director, Planning	High	3	Staff Time	Local, State, Federal	12/31/2015	Not started, lack of staff
Lecompton-3	Proactive management of tree and debris removal from roadways and elevated areas next to the roadway, such as Right of way or other easements	Tornado, Winter Storm, Windstorm	Parks & Rec Department; Horticulture Manager	High	1,2	\$60,000	Local	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lecompton-4	Upgrade storm water pumps for Maple Grove drainage and additional pumping capacity to the existing pump station. An infrastructure tax to support this project is on the November 2009 ballot.	Utility/ Infrastructure Failure	Public Works Department; Stormwater Engineer	High	1,2	\$1,000,000	Local	Unknown	Not started, lack of funding
Lecompton-5	Seek funding to evaluate and construct existing buildings for safe rooms, and construct replacements and upgrades to existing facilities.	Tornado, Windstorm, Winter Storm		High	2	\$500,000	Local	Continuous	Not started, lack of funding
Lecompton-6	Develop and conduct a seminar for builders, developers, and home buyers on wind resistant and safe room construction.	Tornado, Windstorm	Planning & Development Services Department; Asst Director Development Svcs	High	3	\$2,000 per seminar	Local	Continuous	Not started, lack of funding
Lecompton-7	Seek funding to promote and purchase NOAA weather radios	All Hazards	Emergency Manager	High	3,4	\$8,000	Local	Continuous	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Lecompton-8	Enhance and maintain existing GIS systems.	Flood	Dept of Information Technology; GIS Coordinator	High	1,2	\$10,000	Local	On-going	Not started, lack of funding
Eudora Township - 1	Purchase emergency generators for facilities to ensure continued operations.	Utility/ Infrastructure Failure	Administrator	High	1,2	\$30,000	Local	Five years	New
Clinton Township - 1	Proactive management of tree and debris removal from roadways and elevated areas next to the roadway, such as Right of way or other easements	Tornado, Winter Storm, Windstorm	Parks & Rec Department; Horticulture Manager	High	1,2	\$60,000	Local	Continuous	Not started, lack of funding
Clinton Township-2	Provide homeowner education on wildfire mitigation in wildland-urban interface.	Wildfire	Administrator	M	3	\$500 per workshop	Local	Six months	Not started, lack of funding
Clinton Township - 3	Seek funding to evaluate and construct existing buildings for safe rooms, and	Tornado, Windstorm, Winter Storm		High	2	\$500,000	Local	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	construct replacements and upgrades to existing facilities.								
Clinton Township - 4	Identify critical facilities that are vulnerable to natural and man-made hazards. Bring fire stations up to code and have back up heat, electricity and water to use for emergency shelters. Also make improvements to Station #2 to improve facilities for use if needed for emergency shelters.	All Hazards	Fire Chief	High	2	\$500,000	Clinton Township Tax Base	Five years	Not started, lack of funding
Kanawaka Township - 1	We would like to procure and provide warning sirens and weather radios for the safety of our citizens.	All Hazards	Fire Chief	M	1,2	Unknown	Local, State, Federal	Three years	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Kanawaka Township-2	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding
Lecompton Township - 1	Seek funding to evaluate and construct existing buildings for safe rooms, and construct replacements and upgrades to existing facilities.	Tornado, Windstorm, Winter Storm		High	2	\$500,000	Local	Three years	Not started, lack of funding
Lecompton Township - 2	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding
Lecompton Township - 3	Seek funding to promote and purchase NOAA weather radios	All Hazards	Emergency Manager	High	3,4	\$8,000	Local	Continuous	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marion Township - 1	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Palmyra Township-1	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding
Wakarusa Township - 1	Seek funding to evaluate and construct existing buildings for safe rooms, and construct replacements and upgrades to existing facilities.	Tornado, Windstorm, Winter Storm		High	2	\$500,000	Local	Three years	Not started, lack of funding
Wakarusa Township - 2	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding
Wakarusa Township - 3	Proactive management of tree and debris removal from roadways and elevated areas next to the roadway, such as Right of way or other easements	Tornado, Winter Storm, Windstorm	Parks & Rec Department; Horticulture Manager	High	1,2	\$60,000	Local	Continuous	Not started, lack of funding
Willow Springs Township - 1	Provide education on wildfire mitigation in wildland-urban interface through educational workshops for homeowners with property in wildland-urban interface areas, including steps they can take to defend their property from wildfire.	Wildfire	Administrator	High	3	\$500 per workshop	Local	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

USD343-1	Conduct regular emergency preparedness drills for school children at all levels, including tornado drills and fire evacuation drills. The drills include tornado, fire, and general evacuation drills and are conducted at routine intervals. Corrective action is taken for each drill where problems are determined to exist.	Flood, Tornado	Superintendent	High	3	Staff Time	Local	Continuous	On-going, Continuous
USD343-2	Seek funding to design and construct safe rooms for USD 343 facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Unknown	Not started, lack of funding
USD348-1	Conduct regular emergency preparedness drills for school children at all levels, including tornado drills and fire evacuation drills. The drills include tornado, fire, and general evacuation drills and are conducted at routine intervals. Corrective action is taken for each drill where problems are determined to exist.	Flood, Tornado	Superintendent	High	3	Staff Time	Local	Continuous	On-going, Continuous
USD348-2	Seek funding to design and construct safe rooms for USD 348 facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Unknown	Not started, lack of funding
USD491-1	Conduct regular emergency preparedness drills for school children at all levels, including tornado drills and fire evacuation drills. The drills include tornado, fire, and general evacuation drills and are conducted at routine intervals. Corrective action is taken for	Flood, Tornado	Superintendent	High	3	Staff Time	Local	Continuous	On-going, Continuous





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	each drill where problems are determined to exist.								
USD491-2	Seek funding to design and construct safe rooms for USD 491 facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Two years	Not started, lack of funding
USD491-4	Implement a program promoting the purchase and use of NOAA weather radios in school district classrooms.	Tornado, Windstorm, Winter Storm	Superintendent	Medium	1, 2, 3	\$10,000	Local, State, Federal	Two years	Not started, lack of funding
USD497-1	Implement a program promoting the purchase and use of NOAA weather radios in school district classrooms.	Flood, Tornado	Superintendent	High	3	\$10,000	Local	Two years	Not started, lack of funding
USD497-2	Develop a plan for supporting medically fragile and special needs students at each school site during emergency events.	All Hazards	Superintendent	High	2	Staff Time	Local	2017	Not started, lack of staff
USD497-3	Seek funding to design and construct safe rooms for USD 497 facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Two years	Not started, lack of funding
USD497-4	Implement an emergency communication system that will allow for communication in district and with county emergency personnel in the event of power loss	All Hazards	Director of Administrative Services	High	4	\$10,000 - \$100,000	Local, Grants	Four years	Not started, lack of funding
USD497-5	Conduct regular emergency preparedness drills for school children at all levels, including tornado drills and fire evacuation drills.	Utility/ Infrastructure Failure	Director of Administrative Services	High	3	Staff Time	None	Continuous	On-going, Continuous





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

USD497-6	Acquire and install emergency generators for buildings prioritized on building usage for USD 497.	Utility/ Infrastructure Failure	Director of Administrative Services	High	1,2	\$500,000	Local, Grants	Four years	Not started, lack of funding
USD497-7	Construct secure entrances for each building in USD 497.	Terrorism/ Agri-	Director of Administrative Services	High	1,2	\$1,300,000	Local, Grants	Four years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
		Terrorism, Civil Disorder							
Baker University-1	Seek funding to design and construct safe rooms for Baker University facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Two years	Not started, lack of funding
Baker University-2	Campus Safety. Constant attention and upgrading of campus safety protocols for on campus violence. Increase amount of Campus Safety staff on campus at one time. Install cameras and or call boxes. Improve campus lighting and line of sight across entire campus. Maintain adequate security for access to dorms and other buildings on campus during operating hours and after hours.	All Hazards	Physical Plant Director	M	1,2,3	\$25,000	None	Three years	Not started, lack of funding
KU-1	Develop a campus wide alert website to include emergency numbers and instructions for emergency preparedness.	All Hazards	President	High	1,2,4	\$8,000	Local	Three years	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

KU-2	Seek funding to design and construct safe rooms for KU facilities	Tornado, Winter, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$1,000,000	Local	Two years	Not started, lack of funding
KU-3	Install Electronic building access controls on KU campus.	Terrorism/ Agri-Terrorism, Civil Disorder	Deputy Director of Design & Construction Management	High	1,2	\$03,000	State, private, Grant	Three years	Not started, lack of funding
KU-4	Enhance Emergency public address system on KU Campus. To improve public safety with situation-specific voice and text messages in response to natural and man-made threats.	All Hazards	City Administrator	M	1,2,4	\$1,000,000	State, private, Grant	Two years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
RWD#2-1	Purchase and install remote telemetry for rural water systems including controls for water tanks and pump stations.	Utility/ Infrastructure Failure	Director	High	1,2	\$58,000	Local	Three years	Not started, lack of funding
RWD#2-2	Review and update emergency water supply plan.	All Hazards	Director	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
RWD#2-3	Communication Link Protection. Lightning strikes cause loss of communication between the water tower and remote telemetry equipment located in the District office building.	Lightning, Utility/ Infrastructure Failure	Director	High	1,2,4	\$200	General Funds	Four years	Not started, lack of funding
RWD#5-1	Purchase emergency generators for facilities to ensure continued operations. Loss of power could potentially curtail services to the community.	All Hazards	Director	High	1,2	\$100,000	Local, State, Federal	Two years	Not started, lack of funding





Table 6.7: Douglas County and Participating Jurisdictions Mitigation Actions

RWD#5-1	Replace and upgrade pump stations and water towers.	All Hazards	Director	High	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
RWD#6-1	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	All Hazards	Director	High	1,2	\$60,000	Local	Three years	Not started, lack of funding
Lawrence Memorial Hospital-1	Install shatter proof hardened windows throughout hospital.	Hail, Windstorm and Tornado	CEO	High	1,2	\$100,000	State and Federal Funding	Four years	Not started, lack of funding





6.8.5 – Iowa Tribe Jurisdictions Mitigation Actions

Table 6.8: Iowa Tribe Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Iowa Tribe-1	Seek funding for the design and construction of a community safe rooms	Tornado, Windstorm, All Hazards	Tribal Council	High	1,2	\$500,000	Federal Grants, Tribal Funds	Three years	New
Iowa Tribe-2	Raise all low water crossings on reservation.	Flood	Tribal Departments	High	1,2	\$100,000 each	Federal Grants, Tribal Funds	Three years	New
Iowa Tribe-3	Improve, upgrade and enhance hazard warning systems, to include sirens, internal warning systems and NWS satellite coverage	Tornado, All Hazards	Tribal Departments	High	1,2	\$80,000	Tribal, Federal, State	Three years	New





6.8.6 – Jackson County and Participating Jurisdictions Mitigation Actions

Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Jackson County-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	County Planner	High	1,2,3	Staff time	Local, State	Continuous	On-going
Jackson County-2	Jackson County is committed to continued participation and compliance with the NFIP.	Flood	Emergency Manager	High	1,2,3	Staff time	State, FEMA	Continuous	On-going, Continuous
Jackson County-3	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Jackson County-4	Collect and distribute educational materials on individual and family preparedness \ mitigation measures for property owners	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	On-going, Continuous
Jackson County-5	Annually host a public “hazards workshop” for the residents of the county in combination with local festivals, fairs, or other events drawing large crowds.	All Hazards	Emergency Manager	High	3	\$1,000 per workshop	Local	continuous	Not started, lack of funding s
Jackson County-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Jackson County-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/Agri-Terrorism,	Emergency Manager	Medium	3	Staff time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Jackson County-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County	Dam and Levee Failure	Emergency Manager	High	1,2	Staff time	Local	Three years	Not started, lack of staff
Jackson County-9	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-	Utility/ Infrastructure Failure, All Hazards	Emergency Manager	Medium	1,2	Staff time	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events								
Jackson County-10	Conduct inventory/survey for the county and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Emergency Manager	Medium	1,2	Staff time	Local, State	Three years	Not started, lack of staff
Jackson County-11	Develop cross-departmental information collection capabilities, and incorporate cadastral (building/parcel) data utilizing GIS	All Hazards	Emergency Manager	Medium	4	\$3,000	State	Three years	Not started, lack of funding
Jackson County-12	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	Three years	On-going
Jackson County-13	Research and recommend appropriate building codes for the	Tornado, Windstorm	County Planner	High	1,2	Staff time	Local	Three years	Not started, lack of staff





	County that include Wind -resistant design techniques for new construction.								
Jackson County-14	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners	Flood	County Planner, Emergency Management Director	High	1,2	Subject to fair market value	Local, KDEM, FEMA	Three years	Not started, lack of funding
Jackson County-15	Contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program	Flood	Jackson County Emergency Management Director	High	1,2,4	Staff Time	Local	Continuous	On-going, Continuous
Jackson County-16	Identify flash-flood prone areas to consider flood reduction measures to county planners	Flood	County Planner, Emergency	High	1,2,4	Staff Time	Local	Three years	On-going





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
			Management Director						
Jackson County-17	Research and design an appropriate stream buffer ordinance to further protect the jurisdiction's water resources and to limit future flood damages adjacent to major waterways.	Flood	County Planner, Floodplain Manager	High	1,2	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Jackson County-18	The Delaware Watershed District No. 10 will continue to construct, operate, and maintain water detention dams for flood reduction in the watershed district. The organization will evaluate the need for further construction, operation, and maintenance projects, and additional effort will be made to seek alternative funding as they become available.	Tornado, Windstorm	County Planner	High	1,2	Staff Time	Local	Three years	On-going
Jackson County-19	Develop an ordinance/resolution to require the jurisdiction's Manufactured Housing and Travel Trailer Park Ordinance to install tornado shelters for major manufactured and/or mobile home parks with more than 10 spaces.	Tornado, Windstorm	County Planner	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Jackson County-20	Develop and implement a wildfire prevention/education program/workshop.	Wildfire	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Jackson County-21	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Manager	High	3,4	Staff Time	Local	Three years	Not started, lack of staff
Jackson County-22	Evaluate the firefighting water supply resources within the County, including both fixed and mobile supply issues.	Wildfire	Emergency Manager	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Jackson County-23	The Jackson County RWDs will seek funding sources to mitigate damage to critical infrastructure, including water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Emergency Manager	Low	1,2	\$10,000,000	Local, State, Federal	Continuous	Not started, lack of funding
Circleville-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Circleville-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Circleville-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Circleville-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Circleville-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Circleville-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Circleville-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Circleville-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Circleville-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Circleville-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Circleville-11	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	12/31/2030	On-going
Circleville-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Circleville-13	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Delia-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Delia-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Delia-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Delia-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Delia-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Delia-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Delia-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Delia-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Delia-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Delia-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Delia-11	Coordinate county and local government mitigation efforts with RECs.	Utility/Infrastructure Failure	Mayor	High	4	Staff Time	Local	12/31/2030	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Delia-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Delia-13	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Delia-14	The City of Delia will continue to assess the impact of natural hazards on water lines throughout the city and will seek funding sources to upgrade existing water lines.	Utility/ Infrastructure Failure	Mayor	Low	1,2	\$700,000	Local, State, Federal	Ten years	On-going
Denison-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Denison-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Denison-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Denison-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Denison-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Denison-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Denison-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Denison-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Denison-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Denison-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Denison-11	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	12/31/2030	On-going
Denison-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Denison-13	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Holton-1	We would like to rebuild and update the water treatment plant to ensure high quality drinking and potable water for residents.	Utility/ Infrastructure Failure	City Manager	High	1,2	\$10,000,000	Unknown	Three years	In progress
Holton-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	County Planner	High	1,2,4	Staff Time	Local, State	Continuous	On-going
Holton-3	Holton is committed to continued participation and compliance with the NFIP.	Flood	NFIP Coordinator	High	1,2	Staff Time	State, FEMA	Continuous	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Holton-4	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Holton-5	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Holton-6	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Holton-7	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Holton-8	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri -Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Holton-9	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Holton-10	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Holton-11	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Holton-12	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Holton-13	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Continuous	On-going
Holton-14	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Holton-15	The City of Holton will continue to assess the impact of natural hazards on the city sewer system and will seek funding sources to upgrade the existing sewer system.	Utility/ Infrastructure Failure	Mayor	Low	1,2	Staff Time, \$1,000,000	Local, State, Federal	Ten years	Not started, lack of funding
Holton-16	The City of Holton will continue to assess the impact of natural hazards on water lines throughout the city and will seek funding sources to upgrade existing water lines.	Utility/ Infrastructure Failure	Mayor	Low	1,2	Staff Time, \$1,000,000	Local, State, Federal	Ten years	Not started, lack of funding
Holton-17	Seek funding options to purchase and install security fencing at the city-owned power plant, water plant, and wastewater plant to improve site security.	Terrorism/Agri -terrorism, Civil Disorder	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Holton-18	Repair the Prairie Lake Spillway (NFIP)	Flood	Mayor	Medium	1,2	\$100,000	Local, State, Federal	Three years	New
Hoyt-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Hoyt-2	Continued participation and compliance with the NFIP.	Flood	NFIP Coordinator	High	1,2	Staff Time	State, FEMA	Continuous	On-going
Hoyt-3	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Hoyt-4	Collect educational materials on individual and family preparedness /	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	mitigation measures for property owners.								





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Hoyt-5	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Hoyt-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Hoyt-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Hoyt-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Hoyt-9	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Hoyt-10	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Hoyt-11	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Hoyt-12	Coordinate county and local government mitigation efforts with RECs.	Utility	Mayor	High	4	Staff Time	Local	Continuous	On-going





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
		/Infrastructure Failure							
Hoyt-13	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2	Staff Time	Local	Continuous	Not started, lack of staff
Hoyt-14	Seek funding for the purchase and installation of warning sirens	Tornado	Mayor	Medium	1,2	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Hoyt-15	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Mayetta-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Mayetta-2	Continued participation and compliance with the NFIP.	Flood	NFIP Coordinator	High	1,2	Staff Time	State, FEMA	Continuous	On-going
Mayetta-4	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Mayetta-5	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of staff
Mayetta-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Mayetta-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Mayetta-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Mayetta-9	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Mayetta-10	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Mayetta-11	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Mayetta-12	Coordinate county and local government mitigation efforts with RECs.	Utility/Infrastructure Failure	Mayor	High	4	Staff Time	Local	Continuous	On-going
Mayetta-13	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Mayetta-14	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Mayetta-15	Seek funding to design and construct a community safe room.	Tornado	Mayor	Medium	1,2	\$500,000	Local, State, Federal	Three years	Not started, lack of funding
Netawaka-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Netawaka-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Netawaka-3	Collect educational materials on individual and family preparedness /	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	mitigation measures for property owners.								
Netawaka-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Netawaka-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Netawaka-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri -Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Netawaka-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Netawaka-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Netawaka-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Netawaka-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Netawaka-11	Coordinate county and local government mitigation efforts with RECs.	Utility	Mayor	High	4	Staff Time	Local	12/31/2030	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
		/Infrastructure Failure							
Netawaka-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Netawaka-13	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Soldier-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Soldier-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Soldier-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Soldier-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Soldier-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Soldier-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Soldier-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Soldier-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner. Also seek funding sources options for	Utility/ Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

	generators and/or transfer switches to maintain power in the event of severe weather events.								
Soldier-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Soldier-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Soldier-11	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	12/31/2030	On-going
Soldier-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Soldier-13	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Whiting-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
Whiting-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Whiting-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Whiting-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Whiting-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Whiting-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Whiting-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jackson County.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Whiting-8	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner.	Utility/Infrastructure Failure	Mayor	Medium	1,2,4	\$20,000	Local, State	Three years	Not started, lack of funding
Whiting-9	Conduct inventory/survey for the city and incorporated cities emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Mayor	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Whiting-10	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Whiting-11	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	12/31/2030	On-going
Whiting-12	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

Whiting-13	Seek funding for the purchase of generators for all Critical Facilities	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
USD335-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 335 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD335-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism, Civil Disorder	Superintendent	Low	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD336-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 336 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD336-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism, Civil Disorder	Superintendent	Low	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD337-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 337 school buildings.	Tornado	Superintendent	Low	2,3	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD337-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building	Terrorism, Civil Disorder	Superintendent	Low	1,3	\$50,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.9: Jackson County and Participating Jurisdictions Mitigation Actions

	security, and contagious disease response.								
Blue Stem Electric Coop-1	Refit poles and electrical wire throughout the county.	Utility/Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Ten years	Not started, lack of funding
Nemaha-Marshall Electric Coop-1	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/Infrastructure Failure	President	Medium	4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Nemaha-Marshall Electric Coop-2	Refit poles and electrical wire throughout the county.	Utility/Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Ten years	Not started, lack of funding





6.8.7 – Jefferson County and Participating Jurisdictions Mitigation Actions

Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Jefferson County-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	County Planner	High	1,2,3	Staff time	Local, State	Continuous	On-going
Jefferson County-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Jefferson County-3	Collect and distribute educational materials on individual and family preparedness \ mitigation measures for property owners	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	On-going, Continuous
Jefferson County-4	Annually host a public “hazards workshop” for the residents of the county in combination with local festivals, fairs, or other events drawing large crowds.	All Hazards	Emergency Manager	High	3	\$1,000 per workshop	Local	continuous	Not started, lack of funding s
Jefferson County-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Jefferson County-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/Agri-Terrorism,	Emergency Manager	Medium	3	Staff time	Local, State, Federal	Continuous	Not started, lack of staff
Jefferson County-7	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams in Jefferson County	Dam and Levee Failure	Emergency Manager	High	1,2	Staff time	Local	Three years	Not started, lack of staff
Jefferson County-8	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Jefferson County-9	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	Three years	On-going



Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Jefferson County-10	Seek funding to purchase and install new warning sirens	All Hazards	Emergency Management Director	High	1,2,3,4	\$100,000	Local, State, Federal	Three years	Not started, lack of funding
Jefferson County-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters, and post-disaster shelters.	Tornado, Windstorm	Emergency Management Director	High	4	Staff Time	Local	Three years	Not started, lack of staff
Jefferson County-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	Emergency Management Director	High	1,2,3,4	\$3,000	Local	Three years	Not started, lack of funding
Jefferson County-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	Emergency Management Director	Low	1,2	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Jefferson County-14	Jefferson County is committed to voluntary continued participation and compliance with the NFIP.	Flood	Planning and Zoning Director	High	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Jefferson County-15	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners.	Flood	Mitigation Officer, County Planner	High	1,2,3	Fair market value	Local, State, Federal	Three years	Not started, lack of funding
Jefferson County-16	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program.	Flood	Mitigation Officer	High	1,3	Staff Time	Local	Continuous	Not started, lack of staff
Jefferson County-17	Identify flash-flood prone areas to consider flood reduction measures to county planners.	Flood	County Planner	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Jefferson County-18	Research and design an appropriate stream buffer ordinance to further protect the jurisdiction's water resources and to limit future flood damages adjacent to major waterways.	Flood	County Planner	Medium	1,2	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Jefferson County-19	Conduct an inventory/survey for the emergency response services to identify any existing needs or	All Hazards	Emergency Management Director	High	4	Staff Time	Local, State	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	shortfalls in terms of personnel, equipment or required resources.								
Jefferson County-20	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	County Appraiser	High	4	\$3,000	Local, State, Federal	Three years	Not started, lack of funding
Jefferson County-21	Develop and implement a wildfire prevention/education program.	Wildfire	Emergency Management Director	Medium	3	\$300 per program	Local	Continuous	Not started, lack of funding
Jefferson County-22	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Management Director	Medium	4	Staff Time	Local	Three years	Not started, lack of staff
Jefferson County-23	Create a working group to evaluate the firefighting water supply resources within the County, including both fixed and mobile supply issues.	Wildfire	Emergency Management Director	Medium	4	Staff Time	Local	Three years	Not started, lack of staff
Jefferson County-24	Identify the most at-risk critical facilities and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible.	All Hazards	Emergency Management Director	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Jefferson County-25	Appoint a committee to explore the feasibility of participation in the NFIP CRS.	Flood	Floodplain Manager	Medium	4	Staff Time	Local	12/31/2015	Not started, lack of staff
McLouth-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous
McLouth-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
McLouth-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
McLouth-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
McLouth-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
McLouth-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
McLouth-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

McLouth-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
McLouth-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	On-going
McLouth-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
McLouth-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters, and post-disaster shelters.	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	On-going
McLouth-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
McLouth-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	On-going
McLouth-14	McLouth is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
McLouth-15	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	City Administrator	Medium	1,2	Staff Time	Local	Three years	On-going
Meriden-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Meriden-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Meriden-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Meriden-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Meriden-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Meriden-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Meriden-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Meriden-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Meriden-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	On-going





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Meriden-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Meriden-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters, and post-disaster shelters.	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	On-going
Meriden-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Meriden-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	On-going
Meriden-14	The City is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
Meriden-15	Seek funding to perform improvements to minimize flood damage to existing development by maximizing the effectiveness of the storm sewer infrastructure.	Flood	City Administrator	Low	1,2,3	\$500,000	Local, State, Federal	Ten years	Not started, lack of funding
Meriden-16	Seek funding to design and construct a tornado shelter.	Tornado, Windstorm	City Administrator	Low	1,2	\$500,000	Federal	Four years	Not started, lack of funding
Meriden-17	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	City Administrator	Medium	1,2	Staff Time	Local	Three years	On-going
Nortonville-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Nortonville-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Nortonville-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Nortonville-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	Not started, lack of funding
Nortonville-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Nortonville-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Nortonville-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Nortonville-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	Not started, lack of staff
Nortonville-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	On-going
Nortonville-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Nortonville-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	On-going
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	tornado shelters, and post-disaster shelters.								
Nortonville-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Nortonville-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	On-going
Nortonville-14	The City is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
Nortonville-15	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	NFIP Coordinator	Medium	1,2,3,4	Staff Time	Local,	Continuous	On-going, Continuous
Oskaloosa-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Oskaloosa-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Oskaloosa-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Oskaloosa-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous



Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Oskaloosa-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Oskaloosa-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Oskaloosa-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agriculture-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Oskaloosa-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	On-going, Continuous
Oskaloosa-9	Coordinate county and local government mitigation efforts with RECs.	Utility/Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff
Oskaloosa-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of staff
Oskaloosa-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters, and post-disaster shelters.	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff



Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Oskaloosa-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	On-going
Oskaloosa-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Oskaloosa-14	The City is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
Oskaloosa-15	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	NFIP Coordinator	Medium	1,2,3,4	Staff Time	Local,	Continuous	Not started, lack of staff
Oskaloosa-16	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	City Administrator	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Ozawkie-1	Seek funding for an emergency cross connection with rural water district #3 to the City of Ozawkie Water System	All Hazards	City Administrator	High	1,2	\$300,000	Federal, State, Local	Two years	New

Ozawkie-2 construction of a community safe road culverts and drainage systems as needed. Seek funding for the design and om. Tornado, Windstorm, City Administrator, High, 1,2, 300,000, Federal, State, Local, Three Years

Ozawkie-2 Seek funding to replace and upgrade culverts and drainage systems as needed. Seek funding to replace and upgrade culverts and drainage systems as needed. Flood, City Administrator, High, 1,2, 200,000, Federal, State, Local, Three Years

Ozawkie-3 Seek funding to develop and update lagoon systems to include wet land areas, with filtering of the waters prior to entry to Lake Perry. Flood, City Administrator, High, 1,2, 400,000, State, Federal, Local, 5 Years





Table 6.10 County and Participating Jurisdictions Mitigation Actions

Ozawkie-4 1 Year	Seek funding to install/purchase messaging boards New	digital	All Hazards	City Administrator	Medium	1,2	100,000	Federal, State, Local
Ozawkie-5 1 Year	Seek funding for the purchase of a wind warning system New	device	All Hazards	City Administrator	Medium	1,2	150,000	Federal, State, Local
Ozawkie-6 New	installation of generators for critical facilities New	and all	All Hazards	City Administrator	Medium	1,2	200,000	Federal, State, Local, 3 Years
Ozawkie-7 Continuous	Continue participation in the NFIP adhering to floodplain management by NEW principles and practices		Flood	City Administrator	High	1,2	Staff Time	Local
Ozawkie-8 Continuous	Ensure flood insurance opportunities property owners are advised of and of NEW recommended flood reduction measures to city officials and property owners.		Flood	City Administrator	High	1,2	Staff Time	Local
Ozawkie-9 to	Continue participation and committee is committed to compliance with the NFIP.			NFIP Coordinator				Local, State, Federal
Ozawkie-10		Flood			Medium	1,2	Staff Time	Continuous, On-going
Ozawkie-11 Continuous	Educate participation in the NFIP and promote local jurisdictional		Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State, Federal, Continuous
Ozawkie-12	A flood insurance advertisement to property owners and promote the availability of insurance by direct mail once a year.		Flood	NFIP Coordinator	High	3	Staff Time	Local, lack of





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Perry-1 Educate and promote local jurisdictional participation in the NFIP. Flood NFIP Coordinator High 1,3,4 Staff Time Local, State Continuous On-going staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Perry-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Perry-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Perry-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Perry-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Perry-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Perry-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Perry-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	On-going, Continuous





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Perry-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff
Perry-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of staff
Perry-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	tornado shelters, and post-disaster shelters.								
Perry-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	On-going
Perry-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Perry-14	The City is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
Perry-15	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	NFIP Coordinator	Medium	1,2,3,4	Staff Time	Local,	Continuous	Not started, lack of staff
ValleyFalls-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
ValleyFalls-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	On-going, Continuous





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

ValleyFalls-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, Continuous
ValleyFalls-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
ValleyFalls-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
ValleyFalls-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
ValleyFalls-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
ValleyFalls-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	On-going, Continuous
ValleyFalls-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff
ValleyFalls-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of staff





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

ValleyFalls-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters, and post-disaster shelters.	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff
ValleyFalls-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	On-going
ValleyFalls-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
ValleyFalls-14	The City is committed to voluntary continued participation and compliance with the NFIP.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going
ValleyFalls-15	Seek funding to design and construct a tornado shelter.	Tornado	City Administrator	Low	1,2	\$500,000	Local, Federal	Three years	Not started, lack of funding
ValleyFalls-16	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	NFIP Coordinator	Medium	1,2,3,4	Staff Time	Local,	Continuous	Not started, lack of staff
Winchester-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Winchester-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	NFIP Coordinator	High	3	Staff Time	Local	Continuous	On-going, Continuous
Winchester-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, Continuous





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Winchester-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	City Administrator	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Winchester-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Winchester-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Winchester-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of funding
Winchester-8	Develop an annex to the LEOP for dam failure response and evacuation plans for high hazard dams.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Three years	On-going, Continuous
Winchester-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff
Winchester-10	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of staff
Winchester-11	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster	Tornado, Windstorm	City Administrator	High	4	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	tornado shelters, and post-disaster shelters.								





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Winchester-12	Develop a centralized county database of shelter facilities, both pre-disaster and Post -disaster, for jurisdictions.	All Hazards	City Administrator	High	1,2,4	Staff Time	Local	Three years	On-going
Winchester-13	Establish, promote, and fund continuity of water systems supply between rural water districts and water departments.	Utility/ Infrastructure Failure	City Administrator	Low	1,2,3	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Winchester-14	Coordinate county and local government mitigation efforts with RECs.	All Hazards	City Administrator	Medium	1,2,3	Staff Time	Local, State, Federal	Continuous	On-going
Winchester-15	Seek funding for the purchase of backup generators for the city's community building and well house.	Utility/ Infrastructure Failure	City Administrator	Medium	1,2	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD338-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 338 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD339-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 338 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD339-2	Seek funding for the purchase and installation of backup power sources in all USD 339 facilities.	Utility/ Infrastructure Failure	Superintendent	Low	1,2	\$150,000	Local, State, Federal	Three years	Not started, lack of funding
USD 340-1	Develop plans and fund tornado safe rooms in Unified School District 340 schools.	Tornado & Severe Weather	Superintendent	High	1,2	\$500,000 to \$1,000,000	Local, State, Federal	Three Years	On-Going
USD 340-2	Install hurricane rated film on windows and doors to provide for a safe area in school buildings for tornado/severe weather and increased security	Tornado, Windstorm, Winter Storm	Superintendent	High	1,2	\$200,000 - \$500,000	Local, State, Federal	Three Years	On-Going
USD 340-3	Power Generator –Seek funding for the purchase and installation of backup power sources in USD 340 Facilities	Utility/ Infrastructure Failure	Superintendent	High	1,2	\$50,000 - \$100,000	Local, State, Federal	Three Years	On-Going
USD 340-4	Seek funding of comprehensive first aid equipment & supplies, AED devices, cots, life sustaining products ie water,	Tornado, Windstorm, Winter Storm	Superintendent	High	1,2	\$10,000 - \$20,000	Local, State, Federal	Three Years	On-Going



Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	MREs, blankets, tarps, etc., in the event of a catastrophic event								
USD 340-5	Seek funding for response equipment i.e. barriers, vests, marking tape, frames/traps, and other resources in the event of a catastrophic storm or event	Tornado, Windstorm, Winter Storm	Superintendent	High	1,2	\$5,000 - \$20,000	Local, State, Federal	Three Years	On-Going
USD341-1	Plan, Design and Construct a water containment well and irrigation system for exterior grass and ground conservation.	Drought	Superintendent	Medium	1,2	\$140,000	Local, State, Federal	Three years	Not started, lack of funding
USD341-2	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 341 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD342-1	Install hurricane rated film on windows and doors to provide for a safe area in school buildings.	Tornado, Windstorm, Civil Unrest	Superintendent	High	1,2,	\$300,000	Local, State, Federal	Three years	Not started, lack of funding
USD342-2	Seek funding for comprehensive first aid equipment and AED devices, cots and life sustaining products.	All Hazards	Superintendent	High	1,2	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
USD342-3	Seek funding for the purchase and installation of backup power sources in all USD 342 facilities.	Utility/ Infrastructure Failure	Superintendent	High	1,2	\$150,000	Local, State, Federal	Three years	Not started, lack of funding
USD342-4	Seek funding for the purchase of response equipment, including barriers, vests, marking tape, frames/traps and other resources.	All Hazards	Superintendent	High	1,2	\$15,000	Local, State, Federal	Three years	Not started, lack of funding
USD343-1	Develop and fund mitigation projects for the construction of tornado safe rooms in all USD 343 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
USD343-2	Research and evaluate the benefits of purchasing flood insurance for the school district buildings.	Flood	Superintendent	Medium	1,2	Staff Time	Local	Two years	Not started, lack of staff





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

USD 343-3	Assess elevations and water flow in the district to qualify the benefit of flood control projects in the District.	Flood	Superintendent	Low	1,2	\$50,000	Local, State, Federal	Four years	Not started, lack of funding
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Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD343-4	Seek funding for the purchase and installation of backup power sources in all USD 343 facilities.	Utility/ Infrastructure Failure	Superintendent	Low	1,2	\$150,000	Local, State, Federal	Three years	Not started, lack of funding
Free State Electric Coop-1	Refit poles and electrical wire throughout the county.	Utility/ Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Three years	New
Lakeshore Estates Improvement District-1	Seek funding for comprehensive drainage systems/culverts/ along roadways for increased water flow.	Flood	District Manager	Medium	1,2	\$500,000	Federal, State, Local	5 Years	NEW
Lakeshore Estates Improvement District-2	Seek funding for the design and construction or modification of the community shelter for a FEMA approved safe room	Tornado, Windstorm	District Manager	High	1,2	400,000	Federal, State, Local	2 Years	NEW
Lakeshore Estates Improvement District-3	Seek funding to strengthen the existing electrical system for the community water system.	All Hazards	District Manager	Medium	1,2	300,000	Federal, State, Local	3 Years	NEW
Lakeshore Estates Improvement District-4	Seek funding to improve, retrofit, and upgrade the water system facilities	All Hazards	District Manager	High	1,2	500,000	Federal, State, Local	5 years	NEW
Lakeshore Estates Improvement District-5	Seek funding for the purchase and installation of warning sirens/systems	All hazards	District Manager	High	1,2	400,000	Federal, State, Local	3 Years	NEW
Lakeside Village Improvement District-1	Seek funding for comprehensive drainage systems/culverts/ along roadways for increased water flow.	Flood	District Manager	Medium	1,2	\$500,000	Federal, State, Local	5 Years	NEW
Lakeside Village Improvement District-2	Seek funding for the design and construction or modification of the community shelter for a FEMA approved safe room	Tornado, Windstorm	District Manager	High	1,2	400,000	Federal, State, Local	2 Years	NEW





Table 6.10: Jefferson County and Participating Jurisdictions Mitigation Actions

Lakeside Village Improvement District-3	Seek funding to strengthen the existing electrical system for the community water system.	All Hazards	District Manager	Medium	1,2	300,000	Federal, State, Local	3 Years	NEW
Lakeside Village Improvement District-4	Seek funding to improve, retrofit, and upgrade the water system facilities	All Hazards	District Manager	High	1,2	500,000	Federal, State, Local	5 years	NEW
Lakeside Village Improvement District-5	Seek funding for the purchase and installation of warning sirens/systems	All hazards	District Manager	High	1,2	400,000	Federal, State, Local	3 Years	NEW
Lakewood Hills Improvement District-1	Seek funding for comprehensive drainage systems/culverts/ along roadways for increased water flow.	Flood	District Manager	Medium	1,2	\$500,000	Federal, State, Local	5 Years	NEW
Lakewood Hills Improvement District-2	Seek funding for the design and construction or modification of the community shelter for a FEMA approved safe room	Tornado, Windstorm	District Manager	High	1,2	400,000	Federal, State, Local	2 Years	NEW
Lakewood Hills Improvement District-3	Seek funding to strengthen the existing electrical system for the community water system.	All Hazards	District Manager	Medium	1,2	300,000	Federal, State, Local	3 Years	NEW
Lakewood Hills Improvement District-4	Seek funding to improve, retrofit, and upgrade the water system facilities	All Hazards	District Manager	High	1,2	500,000	Federal, State, Local	5 years	NEW
Lakewood Hills Improvement District-5	Seek funding for the purchase and installation of warning sirens/systems	All hazards	District Manager	High	1,2	400,000	Federal, State, Local	3 Years	NEW



6.8.8 – Kickapoo Tribe Mitigation Actions

Table 6.11: Kickapoo Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kickapoo-1	Seek funding for the design and construction of a community safe room	Tornado, Windstorm, All Hazards	Kickapoo Tribal Council	High	1,2	\$200,000	Federal Grants, Tribal Funds	Three years	Not started, lack of funding
Kickapoo-2	Seek funding for the design and construction of a safe room for the Kickapoo Nation School	Tornado, Windstorm, All Hazards	Tribal Departments	High	1,2	\$75,000	Federal Grants, Tribal Funds	Three years	Not started, lack of funding
Kickapoo-3	Improve, upgrade and enhance Kickapoo hazard warning systems, to include sirens, internal warning systems and NWS satellite coverage	Tornado, All Hazards	Tribal Departments, NWS, Contractors	High	1,2	\$225,000	Tribal, Federal, State	Three years	Not started, lack of funding
Kickapoo-4	Repair and upgrade the water supply for the Kickapoo Water Plant, which is unable to pump from the Delaware River. To meet the needs of the current customers, the weir needs repaired to return the storage capacity to its previous state. Before the flood event the storage structure was constructed of metal and wood. The new design will use concrete to improve the support and satiability of the structure.	Drought, Flooding, Wildfire, Utility Infrastructure Failure	Kickapoo Environmental office, Tribal Council, Tribal programs	High	1,2	\$170,000	Tribal, Federal, State	Three years	Not started, lack of funding





Kickapoo-5	Educate the public om identified hazards.	All Hazards	Kickapoo Environmental Office, Kickapoo Police Department, Fire Department, and Health Clinic	M	3,4	\$20,000	Federal Grants, Tribal Funds	Continuous	On-going, Continuous
Kickapoo-6	Continue emergency drills for KNS on a routine basis.	Tornado, Terrorism/Agri - Terrorism, Wildfire	Kickapoo Safety Office, Police Department, Fire Department,	M	1,2,3,4	\$15,000	Federal Grants, Tribal Funds	Continuous	On-going, Continuous

Table 6.11: Kickapoo Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
			Environmental Office						
Kickapoo-7	Develop maps of existing and potential hazard areas. Include shelters on maps.	All Hazards	Kickapoo Environmental Office, Planning, Tribal Council	Medium	1,2	\$15,000	Federal Grants, Tribal Funds	Three years	Not started, lack of funding
Kickapoo-8	Coordinate and participate in trainings with tribal, federal, state, county, and local agencies on prevention, preparedness, response and recovery to common risks.	Flood, Tornado, Winter Storm, All Hazards	Tribal Council, Police Department, Fire Department, Environmental Office, Road and Bridge Department, Water Plant	Medium	4	\$25,000	Federal Grants, Tribal Funds	Continuous	On-going, Continuous





Kickapoo-9	Seek funding for Power line and pole upgrades, trimming trees and trenching lines.	Utility/ Infrastructure Failure, Winter Storm	Kickapoo Tribe, Road and Bridge Department, Maintenance Department	Medium	1,2	\$200,000	Federal Grants, Tribal Funds	Five years	Not started, lack of funding
Kickapoo-10	Revise and approve the Tribal Emergency Response Plan and conduct exercises to test the plan.	All Hazards	Kickapoo Environmental Office	Medium	1,2,3,4	\$5,000	Tribal Funds	Two years	Not started, lack of funding
Kickapoo-11	Establish emergency management team/coordinator. Require certification under the Kansas Certified Emergency Management Program within 18 months of hiring.	All Hazards	Kickapoo Tribal Council	Medium	4	\$70,000	Kickapoo Tribe, FEMA, KDEM	Continuous	On-going, Continuous
Kickapoo-12	Plan for prophylaxis of itinerant/vulnerable population (i.e. Casino clientele).	Major Disease Outbreak	Kickapoo Tribal Council and Departments	Medium	1,2	\$60,000	Tribal, State, Federal	Two years	Not started, lack of funding
Kickapoo-13	Purchase and install backup generator for critical facilities.	Tornado, Flood, Windstorm, Winter Strom	Kickapoo Tribal Council and Departments	Medium	1,2	\$175,000	FEMA, KDEM, Contractors	Two years	Not started, lack of funding

Table 6.11: Kickapoo Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kickapoo-14	Continue and enhance Police and Fire Department mutual aid agreements.	Wildfire, Tornado, Terrorism/Agri Terrorism, Winter Storm	Kickapoo Police and Fire Departments	Medium	1,2,4	\$15,000	Tribal, Local, Federal, State	Continuous	On-going, Continuous
Kickapoo-15	Participate in federally-sponsored vulnerability assessment training to implement pre-disaster mitigation measures at critical sites.	Flood, Tornado, Winter Storm	Kickapoo Tribe in Kansas	Medium	3,4	\$25,000	Tribal, Federal, State	Two years	Not started, lack of funding





Kickapoo-16	Foster the practice of sustainable agriculture. Examples of practices include no till farming, grass buffers, filter strips, reserve programs, acceptable grazing techniques, the use of fire for range control, and using pesticides wisely.	Agricultural Infestation, Wildfire	Kickapoo Tribe in Kansas	Medium	1,2,3,4	\$300,000	Tribal, Federal, State	Continuous	On-going, Continuous
Kickapoo-17	Participate in the NFIP and request flood hazards affecting the Reservation be mapped by FEMA.	Flood	Kickapoo Tribal Council	Medium	1,2,3,4	\$30,000	Tribal, State, Federal	Three years	Not started, lack of funding
Kickapoo-18	Provide education and outreach material for community members.	All Hazards	Kickapoo Tribal Council	Medium	3	Unknown	Unknown	Continuous	On-going, Continuous
Kickapoo-19	Update emergency services radio communications.	All Hazards	Kickapoo Tribe in Kansas Fire and Police Chiefs	Medium	1,2,3,4	\$145,000	Federal, State	Two years	Not started, lack of funding
Kickapoo School-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all school buildings.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding
Kickapoo School-1	Seek funding to retain a professional school safety firm to review and create a Security Plan for building security, and contagious disease response.	Civil Disorder, Major Disease	Superintendent	Medium	1,2,3,4	\$50,000	Local, State, Federal	Three years	Not started, lack of funding

6.8.9 – Marshall County and Participating Jurisdictions Mitigation Actions

Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marshall County-1	Enhance existing GIS for mitigation, preparedness, and response.	All Hazards	Emergency Management Director	High	1,2	\$150,000	Unknown	Five years	Not started, lack of funding





Marshall County-2	Marshall County is committed to continued voluntary participation and compliance with the NFIP	Flood	Emergency Management Director	High	1,2,3,4	Staff Time	State, Federal	Continuous	On-going
Marshall County-3	Educate and promote local jurisdictional participation in the NFIP.	Flood	County Planner	High	1,2,3	Staff time	Local, State	Continuous	On-going
Marshall County-4	Collect and distribute educational materials on individual and family preparedness \ mitigation measures for property owners	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Marshall County-5	Annually host a public “hazards workshop” for the residents of the county in combination with local festivals, fairs, or other events drawing large crowds.	All Hazards	Emergency Manager	High	3	\$1,000 per workshop	Local	Continuous	Not started, lack of funding s
Marshall County-6	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Emergency Management Director	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Marshall County-7	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Marshall County-8	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/Agri-Terrorism,	Emergency Manager	Medium	3	Staff time	Local, State, Federal	Continuous	Not started, lack of staff
Marshall County-9	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	Three years	On-going





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marshall County-10	Develop cross-departmental information collection capabilities, and incorporate cadastral (building/parcel) data utilizing GIS	All Hazards	Emergency Management Director	Medium	4	Staff Time	Local, State	Three years	Not started, lack of staff
Marshall County-11	Incorporate the inspection and management of trees that may pose a threat to the county and incorporated cities routine maintenance system process.	Tornado, Windstorm, Winter Storm	Emergency Management Director	Medium	1,2	\$10,000	Local	Continuous	On-going, Continuous
Marshall County-12	Consider development of a Comprehensive Land Use Plan for Marshall County.	All Hazards	Mitigation Officer	High	4	Staff Time	Local	Three years	Not started, lack of staff
Marshall County-13	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners.	Flood	Mitigation Officer	High	1,2	Staff Time and fair market value	Local, State, Federal	Continuous	Not started, lack of funding
Marshall County-14	Contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA)	Flood	Mitigation Officer	High	1,2,3	Staff Time	Local	Continuous	On-going, Continuous
Marshall County-15	Identify flash-flood prone areas to consider flood reduction measures to county planners	Flood	Emergency Management Director	High	1,2,4	Staff Time	Local	Three years	On-going
Marshall County-16	Research and design an appropriate stream buffer ordinance to further protect the jurisdiction's water resources and to limit future flood damages adjacent to major waterways	Flood	Emergency Management Director	High	1,2,4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marshall County-17	Research, develop and recommend an ordinance /resolution to require installation of tornado saferooms for any new major manufactured and/or mobile home parks with more than 10 mobile home spaces	Tornado, Windstorm	Emergency Management Director	High	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marshall County-18	Regularly calculate and document the amount of flood prone property that is preserved as open space to reduce flood insurance burden to the county.	Flood	Emergency Management Director	High	1,2,3,4	Staff Time	Local	Continuous	On-going, Continuous
Marshall County-19	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Management Director	High	4	Staff Time	Local	Three years	Not started, lack of staff
Marshall County-20	Evaluate the firefighting water supply resources within the County, including both fixed and mobile supply issues.	Wildfire	Emergency Management Director	Medium	4	Staff Time	Local	Three years	Not started, lack of staff
Marshall County-21	Develop and implement a wildfire prevention/education program.	Wildfire	Emergency Management Director	Medium	3	\$500	Local	Continuous	Not started, lack of funding
Marshall County-22	Conduct inventory/survey for the county emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources	All Hazards	Emergency Management Director	Medium	4	Staff Time	Local, State	Three years	Not started, lack of staff
Marshall County-23	Identify the most at-risk vital / critical facilities and evaluate the potential mitigation techniques for protecting each facility in a cost-effective manner.	All Hazards	Emergency Management Director	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marshall County-24	Contact owners of high hazard dams in the county and inform them of their responsibility to provide and/or update EAPs to Marshall County Emergency Management as prescribed by the KDA-DWR, Chief Engineer.	Dam and Levee Failure	Emergency Management Director	High	1,2,3,4	Staff Time	Local	Three years	Not started, lack of staff
Marshall County-25	Develop an annex to the LEOP for dam failure response and evacuation for high hazard dams in Marshall County.	Dam / Levee Failure	Emergency Management Director	High	4	Staff Time	Local	Three years	Not started, lack of staff
Marshall County-26	The Blue Valley Telephone Cooperative will seek funding sources for possible, but not exclusively, capital improvement projects including updating head ends	Utility/ Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	and wireless equipment, overbuilds of cable plants, dial tones over the cable plants, cellular solutions, and fiber capabilities in Marshall County, among other possible projects.								
Marshall County-27	The Marshall County Rural Water District No. 3 will seek funding sources to mitigate damage to critical infrastructure, including line extensions, updating of radio read software, water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marshall County-28	The Washington County Rural Water District No. 1 will seek funding sources to mitigate damage to critical infrastructure, including extending and replacing water lines, water line enhancements, installing new wells and water towers, and the replacement/purchase of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility /Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
Marshall County-29	The Home Rural Water District will seek funding sources to mitigate damage to critical infrastructure, including water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or	Utility/ Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	transfer switches to maintain power in the event of severe weather events.								





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marshall County-30	The Pottawatomie County Rural Water District No. 3 will seek funding sources to mitigate damage to critical infrastructure, including water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
Marshall County-31	The Nemaha County Rural Water District No. 3 will seek funding sources to mitigate damage to critical infrastructure, including water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
Marshall County-32	The Marshall County Rural Water District No. 2 will seek funding sources to mitigate damage to critical infrastructure, including water line enhancements and the replacement of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Dam and Levee Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
Marshall County-33	The Mission Creek Watershed District No. 51 will continue to maintain watershed-related structures within their	Dam and Levee Failure	Emergency Management Director	Medium	1,2	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	district, including the maintenance and repair of structure-related fences								
Marshall County-34	The Watershed District No. 69 will continue to construct, operate, and maintain water detention dams and related structures for flood reduction in their watershed district	Dam and Levee Failure	Emergency Management Director	Medium	1,2	Staff Time	Local, State, Federal	Three years	On-going
Marshall County-35	The Horseshoe Creek Watershed District No. 10 will continue to construct, operate, and maintain water detention dams and related structures for flood reduction in their watershed district.	Dam and Levee Failure	Emergency Management Director	Medium	1,2	Staff Time	Local, State, Federal	Three years	On-going
Marshall County-36	The Robiboux Watershed No. 70 will continue to construct, operate, and maintain water detention dams and related structures for flood reduction in their watershed district.	Dam and Levee Failure	Emergency Management Director	Medium	1,2	Staff Time	Local, State, Federal	Three years	On-going
Marshall County-37	The Upper Black Vermillion Watershed will continue to construct, operate, and maintain water detention dams and related structures for flood reduction in their watershed district.	Dam and Levee Failure	Emergency Management Director	Medium	1,2	Staff Time	Local, State, Federal	Three years	On-going
Marshall County-38	The Spring Creek Watershed No. 80 will continue to construct, operate, and maintain water detention dams and related structures for flood reduction in their watershed district.	Dam and Levee Failure	Emergency Management Director	Medium	1,2	Staff Time	Local, State, Federal	Three years	On-going





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marshall County-39	The Bluestem Electric Cooperative, Inc. will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/ Infrastructure Failure	Emergency Management Director	Medium	4	Staff Time	Local, State, Federal	Three years	On-going
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marshall County-40	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies	Utility /Infrastructure Failure	Emergency Management Director	Medium	4	Staff Time	Local, State, Federal	Three years	On-going
Axtell-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Axtell-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Axtell-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Axtell-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Axtell-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Axtell-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Axtell-7	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Axtell-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Axtell-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	On-going
Axtell-10	Provide backup power generators for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Beattie-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Beattie-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Beattie-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Beattie-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Beattie-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Beattie-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Beattie-7	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Beattie-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Beattie-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	On-going
Beattie-10	Purchase and provide backup power generators for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Beattie-11	The city of Beattie, on behalf of the Twin Valley Developmental Services, Inc. organization, will research funding options and consider the purchase of emergency generators to provide backup power for Twin Valley's sheltered workshop site in the city.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$40,000n	Local, State, Federal	Three years	Not started, lack of funding
BlueRapids-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
BlueRapids-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
BlueRapids-3	Annually host a public "hazards workshop" for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

BlueRapids-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
BlueRapids-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
BlueRapids-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
BlueRapids-7	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
BlueRapids-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
BlueRapids-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	On-going
BlueRapids-10	Consider developing an application package for participation in the NFIP.	Flood	Mayor	High	1,2,3,4	Staff Time	Local	Two years	Not started, lack of staff
BlueRapids-11	Purchase and provide backup power generators for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Frankfort-1	Frankfort is committed to continued voluntary participation and compliance with the NFIP.	Flood	Mayor	High	1,2,3,4	Staff Time	State, Federal	Continuous	On-going, Continuous
Frankfort-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Frankfort-3	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Frankfort-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Frankfort-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Frankfort-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Frankfort-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Frankfort-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Frankfort-9	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Frankfort-10	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Frankfort-11	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2,4	Staff Time	Local	12/31/2015	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Frankfort-12	Purchase and provide backup power generators for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Marysville-1	Marysville is committed to continued voluntary participation and compliance with the NFIP.	Flood	Mayor	High	1,2,3,4	Staff Time	State, Federal	Continuous	On-going, Continuous
Marysville-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Marysville-3	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Marysville-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Marysville-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marysville-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Marysville-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Marysville-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Marysville-9	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Marysville-10	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Marysville-11	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2,4	Staff Time	Local	12/31/2015	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marysville-12	The City of Marysville will continue to assess the impact of natural hazards on potable water supplies, distribution lines, pumps, systems, and equipment. Seek funding sources to mitigate damage to critical infrastructure and replace necessary equipment. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	Unknown	Local, State, Federal	Three years	Not started, lack of funding
Marysville-13	The City of Marysville will continue to assess the impact of natural hazards on its sewage lift station. Seek funding sources to mitigate damage to critical infrastructure and replace necessary equipment.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$100,000	Local, State, Federal	Three years	Not started, lack of funding
Marysville-14	The City of Marysville will continue to operate and maintain their levee system in accordance with the appropriate regulatory requirements.	Dam and Levee Failure	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Marysville-15	Research funding options and consider the purchase of a pumping system to aid in dewatering of the levee system in Marysville. The city of Marysville has identified a need to install a pumping system in the areas of the levee located in the city. This pumping system will be utilized to aid in dewatering of the	Dam and Levee Failure	Mayor	Medium	1,2	Unknown	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	ponding areas adjacent to the levee system.								





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Marysville-16	Purchase and provide backup power generators or transfer switches for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Marysville-17	The city of Marysville, on behalf of the Twin Valley Developmental Services, Inc. organization, will research funding options and consider the purchase of emergency generators to provide backup power for Twin Valley's residential homes in the city of Marysville.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	\$40,000	Local, State, Federal	Three years	Not started, lack of funding
Oketo-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Oketo-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Oketo-3	Annually host a public "hazards workshop" for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Oketo-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Oketo-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Oketo-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri -Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Oketo-7	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Oketo-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Oketo-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Oketo-10	Purchase and provide backup power generators or transfer switches for critical facilities.	Utility/ Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Summerfield-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Summerfield-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Summerfield-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Summerfield-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Summerfield-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Summerfield-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Summerfield-7	Coordinate county and local government mitigation efforts with RECs.	Utility/Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Summerfield-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Summerfield-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Summerfield-10	Purchase and provide backup power generators or transfer switches for critical facilities.	Utility/Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
Vermillion-1	Vermillion is committed to continued voluntary participation and compliance with the NFIP. .	Flood	Mayor	High	1,2,3,4	Staff Time	State, Federal	Continuous	On-going, Continuous
Vermillion-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Vermillion-3	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Vermillion-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Vermillion-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools,	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	day care centers and senior care facilities.								
Vermillion-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Vermillion-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Vermillion-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Vermillion-9	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Vermillion-10	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/ Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Vermillion-11	Assess flood prone areas and recommend flood reduction measures to city officials.	Flood	Mayor	High	1,2	Staff Time	State, Federal	Continuous	On-going, Continuous
Waterville-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Waterville-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Waterville-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Waterville-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Waterville-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

Waterville-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Waterville-7	Coordinate county and local government mitigation efforts with RECs.	Utility/Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Waterville-8	Develop cross-departmental information collection capabilities and incorporate cadastral (building/parcel) data utilizing GIS.	All Hazards	Mayor	Medium	4	\$2,000	State	Three years	Not started, lack of funding
Waterville-9	Incorporate the inspection and management of trees into the city maintenance program that may pose a threat to the electrical lines that could result in power outages.	Winter Storm, Utility/Infrastructure Failure	Mayor	Medium	1,3	\$5,000	Local, State, Federal	Three years	Not started, lack of funding
Waterville-10	Purchase and provide backup power generators or transfer switches for critical facilities.	Utility/Infrastructure Failure	Mayor	Medium	2	\$60,000	Local, Grants	Three years	Not started, lack of funding
USD113-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 113 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding
USD364-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 364 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

USD364-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism/Agri- terrorism, Civil Disorder	Superintendent	Medium	1,2,3,4	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD364-3	Seek funding options for the purchase and installation of backup power generators for the schools of USD 364.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$150,000	Local, State, Federal	Three years	Not started, lack of funding
USD364-4	Seek funding to evaluate and update the existing School Emergency Plans / Evacuation Plans for technological hazards caused by severe weather events.	All Hazards	Superintendent	Medium	1,2,3,4	\$40,000	Local, State, Federal	Four years	Not started, lack of funding
USD380-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 380 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding
USD498-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 498 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding
USD498-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism/Agri- terrorism, Civil Disorder	Superintendent	Medium	1,2,3,4	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
USD498-3	Seek funding options for the purchase and installation of backup power generators for the schools of USD 498.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$150,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

USD498-4	Seek funding to evaluate and update the existing School Emergency Plans / Evacuation Plans for technological hazards caused by severe weather events.	All Hazards	Superintendent	Medium	1,2,3,4	\$40,000	Local, State, Federal	Four years	Not started, lack of funding
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Good Shepherd School-1	Develop and fund mitigation projects for the construction of tornado safe rooms for Good Shepherd School.	Tornado	Superintendent	Low	1,2	\$500,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding
Good Shepherd School -2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism/Agri-terrorism, Civil Disorder	Superintendent	Medium	1,2,3,4	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
Good Shepherd School -3	Seek funding options for the purchase and installation of backup power generators for the schools of Good Shepherd School.	Utility/Infrastructure Failure	Superintendent	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Good Shepherd School -4	Seek funding to evaluate and update the existing School Emergency Plans / Evacuation Plans for technological hazards caused by severe weather events.	All Hazards	Superintendent	Medium	1,2,3,4	\$30,000	Local, State, Federal	Four years	Not started, lack of funding
St. Gregory School-1	Develop and fund mitigation projects for the construction of tornado safe rooms for St. Gregory School.	Tornado	Superintendent	Low	1,2	\$500,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

St. Gregory School-2	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism/Agri- terrorism, Civil Disorder	Superintendent	Medium	1,2,3,4	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
St. Gregory School-3	Seek funding options for the purchase and installation of backup power generators for the schools of St. Gregory School.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
St. Gregory School-4	Seek funding to evaluate and update the existing School Emergency Plans / Evacuation Plans for technological hazards caused by severe weather events.	All Hazards	Superintendent	Medium	1,2,3,4	\$30,000	Local, State, Federal	Four years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
St. Michael's School-1	Seek funding to retain a professional school safety and security firm to review and update the school's Security Plan for domestic acts of terrorism, building security, and contagious disease response.	Terrorism, Civil Disorder	Superintendent	Medium	1,2,3,4	\$500,000	Local, State, Federal	Three years	Not started, lack of funding
St. Michaels School-2	Seek funding options for the purchase and installation of backup power generators for the schools of Good Shepherd School.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$50,000	Local, State, Federal	Three years	Not started, lack of funding
St. Michaels School-3	Seek funding to evaluate and update the existing School Emergency Plans / Evacuation Plans for technological hazards caused by severe weather events.	All Hazards	Superintendent	Medium	1,2,3,4	\$30,000	Local, State, Federal	Four years	Not started, lack of funding





Table 6.12: Marshall County and Participating Jurisdictions Mitigation Actions

St. Michael School-4	Seek funding to retain a professional school safety and security firm to review and update the school's evacuation plan.	Terrorism/ Civil Disorder	Superintendent	Medium	1,2,3,4	\$30,000	Local, State, Federal	Three years	Not started, lack of funding
Blue Stem Electric Coop-1	Refit poles and electrical wire throughout the county.	Utility/ Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Ten years	Not started, lack of funding
Free State Electric Coop-1	Refit poles and electrical wire throughout the county.	Utility/ Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Three years	New
Nemaha-Marshall Electric Coop-1	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/ Infra-structure Failure	President	Medium	4	Staff Time	Local, State, Federal	Three years	Not started, lack of funding
Nemaha-Marshall	Refit poles and electrical wire throughout the county.	Utility/ Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Electric Coop-2									





6.8.10 – Nemaha County and Participating Jurisdictions Mitigation Actions

Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Nemaha County-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library	All Hazards	Emergency Manager	High	3,4	\$6,000	Local, State, Federal	Continuous	Not started, lack of funding
Nemaha County-2	Conduct training and public outreach to Nemaha county citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Emergency Manager	High	3,4	\$6,000	Local, State, Federal	Continuous	Not started, lack of funding
Nemaha County-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Emergency Manager	High	1,2	\$130,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Nemaha County-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Emergency Manager	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Nemaha County-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Emergency Manager	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Nemaha County-6	Utilize the Hazard Mitigation Grant Program and other funding means to identify structures and facilities located within the 100-year floodplain and implement a buy-out program to demolish or remove structures from hazardous areas.	Flood	Emergency Manager	Medium	1,2,3,4	\$291,000	Local, State, Federal	Two years	Not started, lack of funding





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Nemaha County-7	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	Emergency Manager	Medium	3,4	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Nemaha County-8	Continue participation for communities already in NFIP.	Flood	Emergency Manager	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Bern-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Bern-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Bern-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Bern-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Bern-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Bern-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Bern-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Centralia-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Centralia-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Centralia-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Centralia-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Centralia-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Centralia-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Centralia-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Corning-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Corning-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Corning-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Corning-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Corning-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Corning-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Corning-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Goff-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Goff-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Goff-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Goff-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Goff-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Goff-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Goff-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Oneida-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Oneida-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
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Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Oneida-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Oneida-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Oneida-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Oneida-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Oneida-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Sabetha-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Sabetha-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Sabetha-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Sabetha-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Sabetha-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	services structures and facilities, and how these can be mitigated.								
Sabetha-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Sabetha-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Seneca-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Seneca-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Seneca-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Seneca-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Seneca-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Seneca-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Seneca-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State, Federal	Continuous	On-going, Continuous
Wetmore-1	Awareness. Provide information regarding hazard mitigation via the county website or the public library.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Wetmore-2	Conduct training and public outreach to Bern citizens, businesses and local government regarding ways to protect against and mitigate natural hazards.	All Hazards	Mayor	High	3,4	\$6,000	Local, State, Federal	Continuous	On-going, Continuous
Wetmore-3	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Wetmore-4	Seek funding for an outdoor emergency warning system that allow for voice communications.	All Hazards	Mayor	High	1,2	\$700,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Wetmore-5	A study will be conducted to ascertain the vulnerability to hazards affecting government and emergency services structures and facilities, and how these can be mitigated.	All Hazards	Mayor	Medium	1,2,3,4	\$36,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Wetmore-6	Review or develop and promote plans and ordinances for restrictions to construction in flood hazard areas.	Flood	NFIP Administrator	Medium	1,2	\$12,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Wetmore-7	Continue participation in NFIP.	Flood	NFIP Administrator	High	1,2,3,4	\$12,000	Local, State,	Continuous	On-going, Continuous





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

							Federal		
Saints Peter and Paul School-1	Purchase and install backup power generators for each school building.	Utility/ Infrastructure Failure	School Director	High	1,2	\$50,000	Local, State, Federal	Three years	New
USD113-1	Develop and fund mitigation projects for the construction of tornado safe rooms for Unified School District 113 schools, school additions, or as retrofits.	Tornado	Superintendent	Low	1,2	\$50,000 x 6 bldgs = \$3,000,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
USD113-2	Purchase and install backup power generators for each building.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$500,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
USD115-1	Storm/Safe Rooms. Create safe areas/rooms for students and staff in the event of severe weather. Use existing structure components in schools for protection against high winds.	All Hazards	Superintendent	High	1,2	\$500,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD380-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 380 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	Dependent upon funding.	Not started, lack of funding





Table 6.13: Nemaha County and Participating Jurisdictions Mitigation Actions

Nemaha-Marshall Electric Coop-1	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/ Infrastructure Failure	President	Medium	4	\$1,000,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Nemaha-Marshall Electric Coop-2	Refit poles and electrical wire throughout the county.	Utility/ Infrastructure Failure	President	Medium	1,2	\$1,000,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding





6.8.11 – Washington County and Participating Jurisdictions Mitigation Actions

Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Washington County-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	County Planner	High	1,2,3	Staff time	Local, State	Continuous	On-going
Washington County-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year.	Flood	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Washington County-3	Collect and distribute educational materials on individual and family preparedness \ mitigation measures for property owners	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	On-going, Continuous
Washington County-4	Annually host a public “hazards workshop” for the residents of the county in combination with local festivals, fairs, or other events drawing large crowds.	All Hazards	Emergency Manager	High	3	\$1,000 per workshop	Local	continuous	Not started, lack of funding s
Washington County-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Emergency Manager	High	3	Staff time	Local	Continuous	Not started, lack of staff
Washington County-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues	Terrorism/Agri-Terrorism,	Emergency Manager	Medium	3	Staff time	Local, State, Federal	Continuous	Not started, lack of staff
Washington County-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	City Administrator	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Washington County-8	Coordinate county and local government mitigation efforts with RECs	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	Three years	On-going
Washington County-9	Research and recommend a floodplain management ordinance for admittance to the NFIP to make flood insurance available to residents in the jurisdiction.	Flood	Emergency Manager	High	1,2,3,4	Staff Time	Local	Three years	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Washington County-10	Research and consider appropriate building codes for the County that include wind-resistant design techniques for new construction.	Windstorm	Emergency Manager	Medium	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Washington County-11	Research and consider development of a Comprehensive Land Use Plan for Washington County.	Flood	Emergency Manager	High	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Washington County-12	Conduct an inventory/survey for the emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources.	All Hazards	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	Three years	Not started, lack of staff
Washington County-13	Research and recommend an ordinance/resolution to require tornado shelters for new major manufactured and/or mobile home parks with more than 10 mobile home spaces.	Tornado, Windstorm	Emergency Manager	Medium	1,2	Staff Time	Local	Three years	Not started, lack of staff
Washington County-14	Develop cross-departmental information collection capabilities, and incorporate cadastral data utilizing GIS	All Hazards	Emergency Manager	High	4	Staff Time	Local, State, Federal	Three years	Not started, lack of staff
Washington County-15	Develop and implement a wildfire prevention/education program.	Wildfire	Emergency Manager	Medium	1,2,3,4	Staff Time	Local	Three years	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Washington County-16	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources.	Wildfire	Emergency Manager	Medium	4	Staff Time	Local	Three years	Not started, lack of staff
Washington County-17	Create a working group to evaluate the firefighting water supply resources within the County, including both fixed and mobile supply issues.	Wildfire	Emergency Manager	Medium	4	Staff Time	Local	Three years	Not started, lack of staff
Washington County-18	The Washington County Rural Water District No. 1 will seek funding sources to mitigate damage to critical infrastructure, including extending and replacing water lines, water line enhancements, installing new wells and	Utility/ Infrastructure Failure	Emergency Manager	Medium	1,2	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	water towers, and the replacement/purchase of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.								





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Washington County-19	The Little Blue Rural Water District No. 1 will seek funding sources to mitigate damage to critical infrastructure, including extending and replacing water lines, water line enhancements, installing new wells and water towers, and the replacement/purchase of equipment including water pumps, meters, and valves. Also seek funding sources options for generators and/or transfer switches to maintain power in the event of severe weather events.	Utility/ Infrastructure Failure	Emergency Manager	Medium	1,2	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff
Washington County-20	The Bluestem Electric Cooperative, Inc. will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility /Infrastructure Failure	Emergency Manager	High	1,2,4	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff
Washington County-21	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to	Utility /Infrastructure Failure	Emergency Manager	High	1,2,4	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	these hazards, and identification of mitigation strategies.								





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Washington County-22	The Prairie Land Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. .	Utility /Infrastructure Failure	Emergency Manager	High	1,2,4	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff
Washington County-23	The Rolling Hills Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility /Infrastructure Failure	Emergency Manager	High	1,2,4	\$1,000.000	Local, State, Federal	Continuous	Not started, lack of staff
Washington County-24	Identify the County’s most at-risk critical facilities and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible.	All Hazards	Emergency Manager	Medium	1,2,4	\$1,000.000	Local	12/31/2015	On-going
Barnes-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Barnes-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Barnes-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barnes-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Barnes-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Barnes-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Barnes-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Barnes-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Barnes-9	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Barnes-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Clifton-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Clifton-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Clifton-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Clifton-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Clifton-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Clifton-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Clifton-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Clifton-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Clifton-9	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Clifton-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Greenleaf-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Greenleaf-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Greenleaf-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								
Greenleaf-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Greenleaf-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Greenleaf-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Greenleaf-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Greenleaf-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Greenleaf-9	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Greenleaf-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Haddam-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Haddam-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Haddam-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								
Haddam-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Haddam-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Haddam-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Haddam-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Haddam-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Haddam-9	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Haddam-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Hanover-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Hanover-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Hanover-3	Annually host a public "hazards workshop" for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Hanover-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Hanover-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Hanover-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Hanover-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Hanover-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Hanover-9	The City of Hanover is committed to continued voluntary participation and compliance with the NFIP.	Flood	Mayor	High	1,2,3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Hanover-10	Assess flood prone areas and recommend flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,3,4	Staff Time	Local	Continuous	On-going, Continuous
Hanover-11	Purchase and install generator at public storm shelter for the Kloppenberg Center.	Utility/ Infrastructure Failure	Mayor	High	1,2	\$5,000 - \$10,000	Local	Three years	Not started, lack of funding
Hollenberg-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Hollenberg-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hollenberg-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
Hollenberg-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Hollenberg-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Hollenberg-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Hollenberg-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Hollenberg-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Hollenberg-9	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Linn-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Linn-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Linn-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								
Linn-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Linn-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Linn-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Linn-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Linn-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Linn-9	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Linn-10	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Mahaska-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Mahaska-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Mahaska-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Mahaska-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Mahaska-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Mahaska-6	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Mahaska-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Mahaska-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Mahaska-9	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Mahaska-10	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Federal	Three years	Not started, lack of funding
Morrowville-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Morrowville-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Morrowville-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Morrowville-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Morrowville-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Morrowville-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Morrowville-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Morrowville-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Morrowville-9	Purchase emergency back-up power generators to operate Morrowville's storm-warning alert system in the event of a power failure	Utility/ Infrastructure Failure	Mayor	High	1,2	\$6,500	Local, State, Federal	Three years	Not started, lack of staff
Morrowville-10	Assess flood prone areas and recommend flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Palmer-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
Palmer-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Palmer-3	Annually host a public "hazards workshop" for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Palmer-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Palmer-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Palmer-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Palmer-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Palmer-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
Palmer-9	Assess flood prone areas and recommend flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
Palmer-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Vining-1	Upgrade/Expand/Improve Stormwater Management System.	Flood	Mayor	High	1,2	\$500,000	Local, and County	Three years	Not started, lack of staff
Vining-2	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Vining-3	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
Vining-4	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
	festivals, fairs, or other appropriate events drawing large crowds.								
Vining-5	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
Vining-6	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff
Vining-7	Promote and educate the jurisdiction’s public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
Vining-8	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
Vining-9	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

Vining-10	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
Vining-11	Develop a program or system for supporting vulnerable populations during emergency events.	All Hazards	Mayor	Low	1,2,3,4	\$15,000	Local, County, State, Federal	Contingent upon funding	Not started, lack of funding
Vining-12	Improve lighting and traffic controls at critical intersections and roadways to improve safety. \	Utility/ Infrastructure Failure	Mayor	Low	1,2	\$25,000	Local, County	Contingent upon funding	Not started, lack of funding
City of Washington-1	Educate and promote local jurisdictional participation in the NFIP.	Flood	NFIP Coordinator	High	1,3,4	Staff Time	Local, State	Continuous	On-going
City of Washington-2	Collect and distribute educational materials on individual and family preparedness / mitigation measures for property owners	All Hazards	Mayor	Medium	3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Washington-3	Annually host a public “hazards workshop” for the residents of the jurisdiction, in combination with local festivals, fairs, or other appropriate events drawing large crowds.	All Hazards	Mayor	High	4	\$300 per workshop	Local	Continuous	On-going, Continuous
City of Washington-4	Encourage and seek funding for the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities.	Tornado, Windstorm	Mayor	High	1,2	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff
City of Washington-5	Educate residents about driving in winter storms and handling winter-related health effects.	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	Not started, lack of staff





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

City of Washington-6	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues.	Terrorism/Agri-Terrorism	Mayor	Medium	3	Staff Time	Local, State, Federal	Continuous	Not started, lack of staff.
City of Washington-7	Seek funding for the purchase and installation of warning sirens, to include updating and retrofitting	Tornado	Mayor	Medium	1,2,3	\$20,000	Local, State, Federal	Three years	Not started, lack of funding
City of Washington-8	Coordinate county and local government mitigation efforts with RECs.	Utility /Infrastructure Failure	Mayor	High	4	Staff Time	Local	Three years	Not started, lack of staff
City of Washington-9	The City of Washington is committed to continued voluntary participation and compliance with the NFIP. .	Flood	Mayor	High	1,2,3,4	Staff Time	Local, State, Federal	Continuous	On-going, Continuous
City of Washington-10	Assess flood prone areas and recommend flood reduction measures to city planners.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	Three years	Not started, lack of staff
City of Washington-11	Seek funding to assure that all citizens are equipped with NOAA Weather Radios.	All Hazards	Mayor	High	1,2	\$5,000	Local, State, Federal	Contingent upon funding	Not started, lack of funding
USD108-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 108 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State	Three years	Not started, lack of funding

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD223-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 223 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State	Three years	Not started, lack of funding





Table 6.14: Washington County and Participating Jurisdictions Mitigation Actions

USD224-1	Develop and fund mitigation projects for the construction of tornado safe rooms for all Unified School District 223 schools.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State	Three years	Not started, lack of funding
Blue Stem Electric Coop-1	Refit poles and electrical wire throughout the county.	Utility/Infrastructure Failure	President	Medium	1,2	\$5,000,000	Local, State, Federal	Ten years	Not started, lack of funding
Nemaha-Marshall Electric Coop-1	The Nemaha Marshall Electric Cooperative will continue to coordinate mitigation efforts with county and local governments, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/Infrastructure Failure	President	Medium	4	\$1,000,000	Local, State, Federal	Three years	Not started, lack of funding
Nemaha-Marshall Electric Coop-2	Refit poles and electrical wire throughout the county.	Utility/Infrastructure Failure	President	Medium	1,2	\$1,000,000	Local, State, Federal	Ten years	Not started, lack of funding





6.9 – Mitigation Actions No Longer Under Consideration

For this plan update, members of the MPC and participating jurisdictions were asked to consider if all previous mitigation actions were still viable. Due to the thorough nature of the review, and the comprehensive updating of mitigation actions to meet both the needs of the participating jurisdictions and FEMA planning requirements, many actions were either modified or removed from consideration. A full comparison of jurisdictional actions may be completed by comparing the actions detailed in this plan against the actions from the 2013 regional hazard mitigation plan.

6.10 – Action Implementation and Monitoring

44 CFR 201.6 (c)(3)(iii): An action plan describing how the actions identified in paragraph (c)(3)(ii) of this section will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

44 CFR 201.7 (c)(3)(iii): An action plan describing how the actions identified in paragraph (c)(3)(ii) of this section will be prioritized, implemented, and administered by the Indian Tribal Government.

Kansas Region K and relevant participating jurisdictions are responsible for implementing their identified mitigation action(s). To foster accountability and increase the likelihood that actions will be implemented, every proposed action is assigned to an action champion. In general:

- The identified champion will be responsible for tracking and reporting on action status.□
- The identified champion will provide input on whether the action as implemented is successful in reducing vulnerability.□
- If the action is unsuccessful in reducing vulnerability, the identified champion will be tasked with identifying deficiencies and additional required actions.□

Additionally, each action has been assigned a proposed completion timeframe to assist in tracking the continued viability of the action if not completed, and to assist participating jurisdictions in potentially programming Funding to complete the actions.

In general, each participating jurisdiction, along with the MPC, is responsible for monitoring the progress of mitigation activities and projects. To facilitate the tracking of mitigation actions the Kansas Region K MPC and KDEM, in conjunction with participating jurisdictions, will compile a list of projects funded and completed. Additionally, the MPC and participating jurisdictions will be solicited annually to provide



information on any other mitigation projects that were not funded through hazard mitigation grants for tracking and update purposes.

To track mitigation projects from initiation to closeout, participating jurisdictions will use a project tracking methodology that includes, at a minimum, the following information:

- Applicant data☐
- Grant identifier☐
- Award date☐
- Awarded contractor☐
- Period of Performance☐
- Total project cost, including local share of project☐
- Quarterly Reports☐

Upon completion of a project the awarded participating jurisdiction will conduct a closeout site visit to:

- Review all project documents☐
- Review all procurement documents and contracts☐
- Photograph completed project☐

Project closeout packages will generally be submitted no more than 90 days after a project has been completed, and should include the following:

- All available documentation☐
- Photographs of completed project☐
- Materials, labor and equipment documentation☐
- Close-out certification☐

6.11 – Jurisdictional Compliance with NFIP

44 CFR 201.6 (c)(3)(ii) All plans approved by FEMA after October 1, 2008, must also address the jurisdiction's participation in the NFIP, and continued compliance with NFIP requirements, as appropriate.

Participating jurisdictions are committed to continued involvement and compliance with the NFIP. To help facilitate compliance, each participating jurisdiction:



- Adopts floodplain regulations through local ordinance□
- Enforces floodplain ordinances through building restrictions as detailed in relevant ordinance□
- Regulates new construction in Special Flood Hazard Areas as outlined in their floodplain ordinance□
- Utilizes FEMA FIRMs□
- Monitors floodplain activities□

Currently, no participating jurisdiction has available funding to complete local requests for floodplain map updates. Additionally, as of this plan, there are no active community assistance or monitoring activities occurring in any participating jurisdiction. Key to achieving across the board reduction in flood damages is a robust community assistance, education and awareness program. As such, Kansas Region K and its participating jurisdictions will continue to develop both electronic (including social media) and in person outreach activities.

Specific mitigation actions supporting regional commitment to both the NFIP and potential CRS application and compliance were identified above with a bold type **NFIP** in the subsequent mitigation action sections.

6.12 –Primary Mitigation Action Funding Sources

44 CFR 201.7 (c)(3)(v): Identification of current and potential sources of Federal, tribal, or private funding to implement mitigation activities.

It is generally recognized that mitigation actions help communities realize long term savings by preventing future losses due to hazard events. However, many mitigation actions are beyond the budgetary capabilities a jurisdiction and Funding assistance, often in the form of grants, may be required. This following table provides a general description of some of the primary avenues available to jurisdictions to defray the cost of implementing mitigation actions.

Table 6.15: Primary Hazard Mitigation Funding Mechanisms

Program	Funding Agency	Funding Match Requirement	Program Description
Community Development Block Grant Program	Department of Housing and Urban Development	N/A	Program is a competitive grant process through which about half of the Funding goes to support the development of community facilities and water and sewer projects. grants in four categories, community improvement, urgent need, Kansas Small Towns Environment Program and economic development.





Federal Public Assistance	FEMA	Varied	Provides Funding used to restore the parts of a structure that was damaged during a disaster. The restoration must provide protection from subsequent events.
Federal Individual Assistance	FEMA	Varied	Provides assistance for qualified homeowners/renters whose primary residence was damaged or destroyed in a declared designated area.
Flood Mitigation Assistance	FEMA	Varied	Program provides Funding to States, Territories, federally-recognized tribes and local communities for projects and planning that reduces or eliminates long-term risk of flood damage to structures insured under the NFIP. Funding is also available for management costs.
Hazard Mitigation Grant Program	FEMA	25%	Program is to ensure that the opportunity to take critical mitigation measures to reduce the risk of loss of life and property from future disasters is not lost during the reconstruction process following a disaster. Funding is available, when authorized under the Presidential Major Disaster Declaration, in the areas of the state requested by the governor. The amount of Funding available to the applicant is based upon the total federal assistance provided by FEMA for disaster recovery under the major disaster declaration.
Pre-Disaster Mitigation Program	FEMA	25%	Program is designed to assist states, territories, Indian tribal governments, and local communities to implement a sustained pre-disaster natural hazard mitigation program to reduce overall risk to the population and structures from future hazard events, while also

Table 6.15: Primary Hazard Mitigation Funding Mechanisms

Program	Funding Agency	Funding Match Requirement	Program Description
			reducing reliance on federal Funding from future major disaster declarations.

6.13 – Additional Hazard Mitigation Funding Mechanisms

A wide variety of federal and state agencies offer mechanisms for funding mitigation projects. A thorough, but by no means complete, list of potential mitigation funding sources are detailed in the following table along with a brief program description.

Table 6.16: Additional Potential Hazard Mitigation Funding Mechanisms

Department	Program	Program Description
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FEMA	Fire Management Assistance Grant Program	Provides for the mitigation, management, and control of fires on publicly or privately-owned forests or grasslands. The process is initiated when the state requests federal assistance for an event where the threat of major disaster exists for either single fires or numerous small fires.
FEMA	Risk Mapping, Assessment, and Planning (Risk Map)	The Risk MAP strategy incorporates floodplain management with hazard mitigation by using tools such as DFIRMs, HAZUS reports, and risk assessment data to deliver quality data that increases public awareness and leads to action to reduce risk to life and property.
National Oceanic and Atmospheric Administration National Weather Service (NOAA NWS)	StormReady Program	StormReady is a voluntary program that was developed by NOAA NWS to help communities better prepare for and mitigate effects of all types of severe weather from tornadoes to flooding. The program encourages communities to take a new, proactive approach to improving local hazardous weather operations by providing emergency managers with clear-cut guidelines on how to improve their hazardous weather operations.
Mutual Aid	Kansas Water, Wastewater, Gas and Electric Utility Mutual Aid Program (KSMAP)	KSMAP has been developed to serve as the mutual aid program for Kansas utilities to help with provision of equipment, materials and personnel to assist in the restoration and continuation of utility service for those utilities needing assistance. The project is a joint effort of Kansas Municipal Utilities, Kansas Rural Water Association, the Kansas Section – American Water Works Association, the Kansas Water Environment Association, Kansas Corporation Commission, Kansas Department of Health & Environment and the Kansas Division of Emergency Management.
FEMA	Individual & Households, Other Needs Assistance (ONA) Program	The ONA program provides financial assistance to individuals or households who sustain damage or develop serious needs because of a natural or man-made disaster. The Funding share is 75% federal funds and 25% state funds. The program gives funds for disaster-related necessary expenses and serious needs, including personal property, transportation, medical and dental, funeral, essential tools, flood insurance, and moving and storage. The current maximum allowable amount for any one disaster to individuals or families is \$25,000.





Table 6.16: Additional Potential Hazard Mitigation Funding Mechanisms

Department	Program	Program Description
Council of Western State Foresters	Wildland Urban Interface (WUI) Grants	The WUI Grant may be used to apply for financial assistance towards hazardous fuels and educational projects within the four goals of: improved prevention, reduction of hazardous fuels, restoration of fire-adapted ecosystems and promotion of community assistance.
Small Business Administration	Disaster Loans	SBA disaster loans can be used to repair or replace the following items damaged or destroyed in a declared disaster: real estate, personal property, machinery and equipment, and inventory and business assets.
Kansas Department of Agriculture – Division of Conservation (KDA-DoC)	Multipurpose Small Lakes Program	Provides state cost-share assistance to a government entity for the construction or renovation of a dam for flood control and water supply and/or recreational purposes. It requires a general plan of works and a local nonpoint source pollution control plan.
(KDA-DoC)	State Assistance to Watershed Dam Construction	Provides cost-share assistance to organized watershed districts and other special purpose districts for the implementation of structural and nonstructural practices that reduce flood damage. Structural practices must be approved by the chief engineer of the Division of Water Resources.
(KDA-DoC)	Water Resources Cost Share Program	Provides state cost-share assistance to landowners for the establishment of enduring water conservation practices to protect and improve the quality and quantity of Kansas water resources.
KDA- Division of Water Resources	Floodplain Management Program	Program provides technical assistance for local, state and federal floodplain management, including managing the NFIP and floodplain ordinances and regulations adopted by city and county governments.
Kansas Department of Commerce (KDC)	Community Service Tax Credit	Program offers Kansas tax credits to for nonprofit organizations for contributions to approved projects. Projects eligible for tax credit awards include community service, crime prevention and health care
Kansas Department of Health and Environment—Bureau of Environmental Remediation (KDHE-BER)	Abandoned Mine Land Program	Program provides for the remediation of sites that are an immediate threat to the health and safety of the public.
Bureau of Indian Affairs	Various	These programs exist to help recognized tribal entities.
KDHE-BER	Kansas Brownfields Program	Programs to assist communities with the redevelopment of brownfields properties
Kansas Forest Service (KFS)	Community Forestry Program	Program provides assistance, education, and support to communities and municipalities in organizing urban and community forestry programs, identifying resource needs, setting priorities of work, and training city employees.
KFS	Rural Forestry Program	Professional foresters provide on-site forest management and agro-forestry analysis and recommendations through inventory of forests, woodlands and windbreaks.

KFS	Firewise Program	The Kansas Firewise program offers prevention materials for homeowners to reduce the threat of wildland fire in rural and high-risk areas.
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Kansas Region K Hazard Mitigation Plan

Table 6.16: Additional Potential Hazard Mitigation Funding Mechanisms

Department	Program	Program Description
KFS	Forest Health Program	Program monitors the impacts of insects, diseases, drought, flooding and other health issues in forests, woodlands, windbreaks and conservation tree plantings by providing diagnosis and control recommendations and mitigation and planning for Emerald Ash Borer, Asian Bush Honeysuckles and other invasive species.
KFS	Landowner Education	Provides information and education to farmers regarding the benefits of good forest management. This includes information about federal cost share practices including the Environmental Quality Incentives Program, Conservation Reserve Program, and the Riparian and Wetland Protection Program.
KFS	Rural Fire Protection	Program provides fire support services to rural fire departments, including wildfire training, Smokey Bear fire prevention materials, and the acquisition and distribution of excess military vehicles for conversion to firefighting units.



Kansas Region K Hazard Mitigation Plan

7.0 Plan Maintenance

7.1 – Hazard Mitigation Plan Monitoring and Evaluation

44 CFR 201.6 (c)(4) A plan maintenance process that includes: (i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

44 CFR 201.7 (c)(4) A plan maintenance process that includes: (i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan.

The Kansas Region K Hazard Mitigation Plan will be updated then approved by FEMA every five years. During the five-year cycle, the plan will undergo continuous monitoring and evaluation to ensure that the policies, procedures, priorities, and state environment established in the plan reflect current conditions.

To achieve this, the MPC will meet annually after plan approval. If needed, additional meetings will take place during this timeframe. The State of Kansas State Hazard Mitigation Officer will determine the meeting dates and location and is responsible for sending invitations.

During the five-year evaluation phase, the effectiveness of the plan by:



MPC is responsible for assessing the

Kansas Region K Hazard Mitigation Plan