

LOCAL HAZARD MITIGATION PLAN – DATA COLLECTION SHEETS

Title of Plan
Buchanan County Multi-Jurisdictional HMP

Jurisdictions Included in Plan	
1. Buchanan County	9. City of Quasqueton
2. City of Aurora	10. City of Rowley
3. City of Brandon	11. City of Stanley
4. City of Fairbak	12. City of Winthrop
5. City of Hazleton	13. Independent School District
6. City of Independence	14.
7. City of Jesup	15.
8. City of Lamont	16.

Point of Contact
Colleen Simmons

Address
INRCOG, 229 E. Park Ave,

City, State and Zip
Waterloo, IA 50703

Phone	Fax
319-235-0311	319-235-2891

Email
csimmons@inrcog.org

DESCRIPTION OF SHEETS ATTACHED

- | | |
|--|---|
| 1. Cover Sheet | must complete |
| 2. Proposed Mitigation Measures | complete with available information |
| 3. Completed or In Progress Actions | complete with available information |
| 4. Local Capabilities Example | example for filling out the Local Cap. Sum. |
| 5. Local Capabilities Summary | complete with available information |
| 6. Assessing Vulnerability | complete - one section per hazard |
| 7. Assessing Critical Facilities | complete - one section per hazard |
| 8. Hazard Ranking by Jurisdiction | complete - for each jurisdiction in the plan |
| DATA | do not change - data for drop down lists |

Jurisdiction	County of Jurisdiction (Select one from list)	Goal*	Description of Mitigation Measure	Mitigation Measure Category	Hazards Addresses	Estimate Cost**	Obstacles to Implementing this Measure
Unincorporated Area	Buchanan	All	Adopt and enforce a building code	Prevention	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Modify zoning ordinance to require underground wiring for new housing	Prevention	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorm & Lightning, Structure Fire	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Review and update the County Multi-Hazard Plan as necessary	Prevention	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Maintain, update, and enforce County Zoning Ordinance and Floodplain Ordinance	Prevention	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Enforce County guidelines for burning	Prevention	Drought, Extreme Heat, Structure Fire, Grass & Wildland Fire	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Promote and supplement buffer Initiative	Prevention	River Flood, Flash Flood, Watershed Health & Contamination	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Flood proof structures in the 100-year floodplain	Property Protection	River Flood, Flash Flood	Low-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Acquisition and enhancement of flood protection lands	Property Protection	River Flood, Flash Flood	Low-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Acquisition and removal of structures from the floodplain as funds become available	Property Protection	River Flood, Flash Flood	Low-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Provide education on hazardous materials to industries and the public, including storage and disposal of household hazardous chemicals	Public Education & Awareness	Fixed HAZMAT Incident	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to work with ISU Extension to provide pesticide applicator training	Public Education & Awareness	Fixed HAZMAT Incident, Transportation Incident – HAZMAT, Watershed Health & Contamination	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue Reduce/Reduction education	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Improve public awareness of flood risk, flood insurance, and floodplain construction regulations	Public Education & Awareness	River Flood, Flash Flood	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue community education and distribution of community preparedness kits	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to provide the public with information regarding all hazards and how to prevent, respond, and recover if a hazard was to occur	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue fire safety education	Public Education & Awareness	Structure Fire, Grass & Wildland Fire	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Work with ISU Extension Office to provide fire extinguishers to residents	Public Education & Awareness	Structure Fire, Grass & Wildland Fire	Minimal-Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Educate farmers on early detection of animal diseases	Public Education & Awareness	Disease (Human & Animal)	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Educate the public on reporting suspicious activities	Public Education & Awareness	Explosion, Terrorism	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Educate the public on the location of pipelines within the county	Public Education & Awareness	Explosion	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue Code Red System	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Develop a NOAA Weather Radio awareness program	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Develop a Tornado Safe Room awareness program	Public Education & Awareness	Tornadoes, Windstorms	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue programs to teach CPR/First Aid	Public Education & Awareness	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Expand easement programs on agricultural land along rivers and streams	Natural Resource Protection	River Flood, Flash Flood, Watershed Health & Contamination	Minimal-Mod.	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Protection of wetland and other natural areas existing along waterways	Natural Resource Protection	River Flood, Flash Flood, Watershed Health & Contamination	Minimal-Mod.	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Follow watershed monitoring requirements set forth by the Iowa Department of Natural Resources	Natural Resource Protection	Watershed Health & Contamination	Minimal-Mod.	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Back up generator is needed at public health facility.	Emergency Services	ALL	Moderate	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Back up IT switches and servers as needed.	Emergency Services	ALL	Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to provide necessary training to the Hazardous Materials Team on an annual basis	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	Minimal-Low	Time, Staffing, Funds

Unincorporated Area	Buchanan	All	Continue and/or expand training for the HEAT Team	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	Minimal-Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue contract with Linn County HAZMAT Team	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Maintain, and upgrade when necessary, emergency response equipment	Emergency Services	ALL	Minimal-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Implement physical staff gages up river and down river in Fairbank, Crane Creek, Quasqueton, Littleton, and Otterville	Emergency Services	River Flood	Minimal-Mod	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to work with certified floodplain manager regarding floodplain issues	Emergency Services	River Flood, Flash Flood	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue support of the Buchanan County Disaster Recovery Coalition	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue participation in the Iowa Mutual Aid Compact	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Maintain existing Mutual Aid Agreements with surrounding communities and counties for emergency assistance during a hazard or disaster	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to provide necessary training and equipment to the Sheriff's Department as needed	Emergency Services	ALL	Minimal-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to review and update Airport Emergency Plan as needed	Emergency Services	Transportation Incident	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Conduct air traffic exercise to train emergency personnel	Emergency Services	Transportation Incident	Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to provide education, training, and drills/exercises for emergency response personnel to handle all types of hazards	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Expand storm spotter training program	Emergency Services	Tornadoes, Windstorms, Thunderstorm & Lightning	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to update emergency generator list and incorporate it into appropriate plans	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Encourage local utilities to install surge protectors on major electric lines	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to upgrade radio communications equipment as needed	Emergency Services	ALL	Minimal-Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to work with Iowa Rural Water Association to hook-up cities and rural households to the water supply	Emergency Services	Structure Fire	Low-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Expand promotion of and recruitment of volunteer firefighters	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to install additional dry hydrants as funds become available	Emergency Services	Structure Fire, Grass & Wildland Fire, Explosion	Minimal-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to review and update Incident Command procedures as needed	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Provide personnel with training for the Community Emergency Response Team (CERT) as needed	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Install Global Positioning Systems in all emergency vehicles	Emergency Services	Communication Failure	Low-Mod	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Update equipment with GIS/GPS technology	Emergency Services	Communication Failure	Low	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Purchase cellular phones with E911 systems	Emergency Services	Communication Failure	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue education and training of health officials and emergency response personnel regarding communication, early detection, and emergency response to human and animal diseases	Emergency Services	Disease (Human & Animal)	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Create a written Disease Response Plan	Emergency Services	Disease (Human & Animal)	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Evaluate current terrorism mitigation efforts	Emergency Services	Terrorism	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Review and improve evacuation plans and file with LEPC	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Establish local cooling and heating sites for at-risk populations such as the elderly and/or disabled	Emergency Services	Drought, Extreme Heat, Severe Winter Storms	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to work with local agencies and organizations in the distribution of fans to at-risk populations	Emergency Services	Extreme Heat	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Determine possible sheltering locations in the event of a nuclear emergency	Emergency Services	Fixed Radiological or Nuclear Incident	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Adopt a recovery ordinance	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Develop a Continuity of Operations Plan	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Update Emergency Response Plan as needed	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue county road mitigation projects	Structural Projects	ALL	Minimal-High	Time, Staffing, Funds
Unincorporated Area	Buchanan	All	Continue to make necessary inspections and repairs to existing dams	Structural Projects	Dam Failure	Minimal-High	Time, Staffing, Funds
Aurora	Buchanan	All	Enforce tree inspection and trimming program	Prevention	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Adopt and enforce building code requirements	Prevention	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Adopt and enforce a snow ordinance	Prevention	Severe Winter Storms, Transportation	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain, enforce, and update Zoning and Floodplain Ordinances, as needed	Prevention	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Move anhydrous and fuel storage to safer locations on the outskirts of town	Prevention	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Enforce county guidelines for burning	Prevention	Drought, Grass & Wildland Fire	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Establish restricted routes for the transport of hazardous materials and explosive material	Prevention	Fixed HAZMAT Incident, Transportation Incident - HAZMAT, Explosion	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a plan for rationing water within the community	Prevention	Drought	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Update and install improved signage as it becomes necessary	Prevention	Transportation Incident	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Control pet populations that inhabit local residences	Prevention	Disease (Human & Animal)	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Create an annual fire inspection program for commercial and industrial properties	Prevention	Structure Fire	MIN-LOW	Time, Staffing, Funds

Aurora	Buchanan	All	Ensure all members of the public, including pets, have had all required immunizations	Prevention	Disease (Human & Animal)	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain county plan for mass vaccinations	Prevention	Disease(Human & Animal)	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Spray for mosquitoes in the community	Prevention	Disease (Human & Disease)	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain access to gas detectors	Property Protection	Explosion	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Increase security measures taken to protect and secure city's critical facilities	Property Protection	Terrorism	LOW-MOD	Time, Staffing, Funds
Aurora	Buchanan	All	Improve public awareness of proper steps to be taken in a hazard event	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a "Tornado Safe Room" awareness program	Public Education & Awareness	Tornadoes, Windstorms	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Install additional outdoor early warning sirens, and provide battery backup for the existing siren	Public Education & Awareness	ALL	LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a NOAA Weather Radio awareness program	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Inform - and encourage - the public of the benefits of planting shade trees near dwellings	Public Education & Awareness	Extreme Heat	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Educate the community about the dangers of groundwater contamination	Public Education & Awareness	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Provide education on hazardous materials to industries and the public, including household chemicals.	Public Education & Awareness	Fixed HAZMAT Incident	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Consider development of a storm water management program	Natural Resource Protection	River Flood, Flash Flood, Watershed Health & Contamination	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Provide a local household hazardous waste site	Natural Resource Protection	Fixed HAZMAT Incident, Watershed Health & Contamination	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a wellhead protection program	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Encourage the use of buffer strips	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Follow monitoring requirements set forth by the Iowa Department of Natural Resources	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Update Emergency Response Plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a Continuity of Operations Plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Continue to provide adequate training to Fire Department, Law Enforcement, and Ambulance personnel	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain existing and purchase additional street maintenance, fire, police, and ambulance equipment as needed	Emergency Services	ALL	LOW-HIGH	Time, Staffing, Funds
Aurora	Buchanan	All	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	Emergency Services	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain existing agreements with surrounding communities for mutual aid emergency assistance	Emergency Services	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a list of structures to be used as gathering sites in the event of an emergency situation	Emergency Services	ALL	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Encourage local utility to install surge protectors on major electric lines	Emergency Services	Transportation Incident - Energy, Tornadoes, Windstorms, Severe Winter Storms, Thunderstorm & Lightning	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Consider use of Incident Command procedures	Emergency Services	Fixed Nuclear or Radiological Incident, Terrorism	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Expand weather spotting training	Emergency Services	Tornadoes, Windstorms	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Work with local utility to develop a program to bury existing lines	Emergency Services	Transportation Incident - Energy, Tornadoes, Windstorms, Hailstorms, Severe Winter Storms, Thunderstorm & Lightning	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Ensure natural gas connections are regularly inspected	Emergency Services	Transportation Incident - Pipeline	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Backup electronic data at city hall and emergency response locations	Emergency Services	Thunderstorm & Lightning, Tornadoes, Windstorms,	MIN-LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Establish local 'heating and cooling sites' for at risk populations, such as the elderly and/or disabled	Emergency Services	Severe Winter Storms, Extreme Heat	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Continue working relationship with the Linn County HAZMAT team	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Ensure hazardous materials are reported (Tier II reports) in accordance with applicable laws	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Ensure proper training of Floodplain Manager(s)	Emergency Services	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Develop a plan for sandbagging in the community	Emergency Services	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Maintain access to Geiger counters for first responders	Emergency Services	Fixed Nuclear or Radiological Incident	MIN	Time, Staffing, Funds
Aurora	Buchanan	All	Install Global Positioning Systems in all emergency vehicles	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Aurora	Buchanan	All	Acquire more water pumps	Emergency Services	Flash Flood, River Flood	LOW-MOD	Time, Staffing, Funds
Aurora	Buchanan	All	Upgrade radio communications equipment as needed	Emergency Services	ALL	LOW	Time, Staffing, Funds
Aurora	Buchanan	All	Purchase new generators to provide emergency power in times of need	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Aurora	Buchanan	All	Construct rigid barriers around sites that store explosive materials	Structural Projects	Explosion	LOW-MOD	Time, Staffing, Funds
Aurora	Buchanan	All	Continue improvements to the storm water system	Structural Projects	Flash Flood, River Flood	MOD-HIGH	Time, Staffing, Funds
Brandon	Buchanan	All	Continue implementation and enforcement of planning, zoning, building codes, and capital improvement program	Prevention	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Continue participation in the National Flood Insurance Program	Prevention	Flash Flood	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Discourage development in floodplain areas	Prevention	Flash Flood	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Relocate the fire department	Property Protection	ALL	HIGH	Time, Staffing, Funds
Brandon	Buchanan	All	Review and improve security at critical facilities in the city	Property Protection	ALL	MIN-LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Encourage real estate disclosure	Public Education & Awareness	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Inform public on flood zone locations	Public Education & Awareness	River Flood, Flash Flood	MIN	Time, Staffing, Funds

Brandon	Buchanan	All	Improve public awareness of all hazard risks – what to do before, during and after an event	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Encourage residents to have disaster supply kits on hand to use in the event of a disaster event	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Promote NOAA weather radio use	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Encourage residents purchase and use smoke detectors	Public Education & Awareness	Structure Fire	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Establish Good Neighbor programs	Public Education & Awareness	Severe Winter Storms	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintenance of watershed management behind fire department – reseeded to control flood waters	Natural Resource Protection	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Rerouting flood water by digging out or dredging creek bed	Natural Resource Protection	River Flood, Flash Flood	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Improve warning system	Emergency Services	ALL	LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Continue 28E agreements for fire department and first responders	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain generator to lessen the loss of power at well	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain generator for fire department	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Purchase a first responders vehicle	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Stay in contact with representatives from Palo	Emergency Services	Fixed Nuclear or Radiological Incident	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Continue to provide adequate emergency/disaster response training	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Develop local emergency operations plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain list of special needs residents	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Develop community shelters for use as cooling, heating, and storm sites	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Purchase backup gas or diesel powered electric generators for primary shelters	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Develop plans to address utility outages and emergencies	Emergency Services	Transportation Incident - Energy	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Update siren warning systems	Emergency Services	ALL	LOW	Time, Staffing, Funds
Brandon	Buchanan	All	Purchase new firefighter PPE, air packs (SCBA-self contained breathing apparatus), vehicle extrication equipment, and fire trucks	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Continue to provide upgraded equipment and up-to-date training so the fire department is capable of appropriate and effective response	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Support EMS training	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Continue HAZMAT agreements and support regional HAZMAT teams	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain and enhance storm spotter training	Emergency Services	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain culvert on Cedar Street	Structural Projects	ALL	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Maintain Methodist Church safe room	Structural Projects	Tornadoes	MIN	Time, Staffing, Funds
Brandon	Buchanan	All	Continue sewer system rehabilitation	Structural Projects	ALL	LOW-MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Install new fire hydrants	Structural Projects	Structure Fire, Grass & Wildland Fire, Flash Flood	MOD	Time, Staffing, Funds
Brandon	Buchanan	All	Conduct necessary sanitary sewer improvements	Structural Projects	Thunderstorm & Lightning	MOD-HIGH	Time, Staffing, Funds
Brandon	Buchanan	All	Establish storm shelters for mobile home parks	Structural Projects	Thunderstorm & Lightning, Hailstorms, Windstorms, Tornadoes	MOD-HIGH	Time, Staffing, Funds
Brandon	Buchanan	All	Establish recreational area storm shelters	Structural Projects	Thunderstorm & Lightning, Hailstorms, Windstorms, Tornadoes	MOD-HIGH	Time, Staffing, Funds
Fairbank	Buchanan	All	Work towards adoption of Building Code	Prevention	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue participation in the National Flood Insurance Program	Prevention	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain, enforce, and update Zoning and Floodplain Ordinances as needed	Prevention	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Make necessary updates to and enforce city guidelines for burning, as well as enforcing the county-wide guidelines for burning	Prevention	Drought, Extreme Heat, Grass or Wildland Fire	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Create an annual fire inspection program for commercial and industrial properties	Prevention	Structure Fire, Explosion	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to enforce tree inspection and trimming program	Prevention	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to enforcement of snow ordinance	Prevention	Severe Winter Storms	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a plan for rationing water use with the community	Prevention	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Flood proof structures in the floodplain	Property Protection	River Flood, Flash Flood	LOW-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Increase security measures taken to protect and secure city critical facilities	Property Protection	ALL	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Install back-flow valves at residences	Property Protection	ALL	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Keep working on river channel	Natural Resource Protection	River Flood	MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to follow monitoring requirements set forth by the Iowa Department of Natural Resources	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a wellhead protection program	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Consider development of a storm water management program	Natural Resource Protection	Watershed Health & Contamination, River Flood, Flash Flood	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Encourage the use of buffer strips	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Increase community awareness of all hazards through use of newsletters, utility billings, city website, etc.	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Educate the public on what to do before, during, and after all hazard events	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Provide hazardous materials education for industry and community, including household chemical education	Public Education & Awareness	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Provide an annual local household hazardous waste drop off site	Public Education & Awareness	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds

Fairbank	Buchanan	All	Continue to promote use of Iowa One Call	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a 'tornado safe room' awareness program	Public Education & Awareness	Tornadoes, Windstorms, Thunderstorm & Lightning	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to promote use of Buchanan County's Code Red System	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain county plan for mass vaccinations	Public Education & Awareness	Disease (Human & Animal)	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Encourage all residents, and pets, to have up-to-date immunizations	Public Education & Awareness	Disease (Human & Animal)	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a NOAA Weather Radio awareness program	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Encourage residents to plant shade trees near dwellings	Public Education & Awareness	Extreme Heat	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain fire and rescue services	Emergency Services	ALL	MIN-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Return to normal as soon as possible	Emergency Services	ALL	MIN-HIGH	Time, Staffing, Funds
Fairbank	Buchanan	All	Mitigate potential hazards and disasters	Emergency Services	ALL	MIN-HIGH	Time, Staffing, Funds
Fairbank	Buchanan	All	Identify possible funding sources for projects and programs	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue HAZMAT Training	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Upgrade radio communication equipment	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Keep sirens updated	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain multi-jurisdictional hazard mitigation plan through regular evaluations and updates	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to put electric lines underground	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Have access to senior housing for checks	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Centralize equipment and materials	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Ensure proper training of Floodplain Manager	Emergency Services	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a plan for sandbagging in the community	Emergency Services	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue to provide necessary training to fire department, law enforcement, and ambulance crews	Emergency Services	Structure Fire, Grass or Wildland Fire	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain existing and purchase new firefighting equipment as needed	Emergency Services	ALL	MIN-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain existing 28E agreements with surrounding communities for mutual aid assistance	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Encourage local utility to install surge protectors on major electric lines	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue working with the Linn County HAZMAT response group	Emergency Services	Fixed HAZMAT Incident, Transportation Incident -HAZMAT, Terrorism	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Ensure hazardous materials are reported (Tier II reports) in accordance with applicable laws	Emergency Services	Fixed HAZMAT Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Purchase new generators to provide emergency power in times of need	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Backup electronic data at City Hall and emergency response locations	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Establish local 'heating' and 'cooling' sites for at-risk populations	Emergency Services	Extreme Heat, Severe Winter Storms	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Install Global Positioning Systems (GPS) in all emergency vehicles	Emergency Services	ALL	LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain a list of available translators in the community	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Consider the use of Incident Command procedures	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain weather spotter training	Emergency Services	Tornadoes, Windstorms, Thunderstorm & Lightning	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Maintain access to Geiger counters for first responders	Emergency Services	Fixed Nuclear & Radiological Incident	LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Update and install improved signage as it become necessary	Emergency Services	Transportation Incident	MIN-LOW	Time, Staffing, Funds
Fairbank	Buchanan	All	Update Emergency Response Plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Develop a Continuity of Operations Plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Fairbank	Buchanan	All	Continue with improvements to the storm sewer system	Structural Projects	Flash Flood, River Flood	LOW-HIGH	Time, Staffing, Funds
Fairbank	Buchanan	All	Construction rigid barriers around sites that store explosive materials	Structural Projects	Explosion, Transportation Incident – HAZMAT, Terrorism	LOW-MOD	Time, Staffing, Funds
Fairbank	Buchanan	All	Replace inadequate bridges to increase weight capacity, structural issues, and maximize water flow	Structural Projects	Transportation Incident	HIGH	Time, Staffing, Funds
Hazleton	Buchanan	All	Develop and maintain tree trimming program to reduce the chances of falling branches on infrastructure and property	Prevention	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorms	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Buyout of flood prone residential hours	Prevention	Flash Flood, River Flood	MOD	Time, Staffing, Funds
Hazleton	Buchanan	All	Maintain, Enforce, and Update City Ordinances (includes Zoning & Floodplain) and Building Codes	Prevention	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Adopt subdivision ordinance with requirement of underground wiring for new houses	Prevention	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Explore the adoption of a countywide building code with shared enforcement	Prevention	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Enforce burn bans	Prevention	Extreme Heat, Drought	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Continue participation in NFIP	Public Education & Awareness	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Public Awareness	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Implement a terrorism/crisis response plan	Emergency Services	Terrorism	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Update communication radios	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Hazleton	Buchanan	All	Evaluate & update outdoor siren system for the east side of town	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds

Hazleton	Buchanan	All	Maintain Public Works Equipment	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Hazleton	Buchanan	All	Keep HAZMAT manuals current and easily accessible	Emergency Services	Fixed HAZMAT Incident	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Maintain a well trained and equipped fire department and first responders for all potential hazards	Emergency Services	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Continue good working practices of wastewater management during flood events	Emergency Services	River Flood	MIN-LOW	Time, Staffing, Funds
Hazleton	Buchanan	All	Continue donations of smoke detectors to community	Emergency Services	Structure Fire	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Maintain and update as needed, 28E agreements with surrounding entities	Emergency Services	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Continue to back-up city data and store offsite	Emergency Services	Thunderstorm & Lightning, Tornadoes, Terrorism, Structure Fire	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Work with designated authorities to ensure dead animals as properly disposed of	Emergency Services	Disease (Human & Animal)	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Continue to test local drinking water supply to monitor quality	Emergency Services	Disease (Human & Animal), Watershed Health & Contamination	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Restrict water usage necessary to maintain water supply	Emergency Services	Drought, River Flood, Flash Flood	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Develop an emergency evacuation and notification plan (including identifying detour and evacuation routes)	Emergency Services	ALL	MIN	Time, Staffing, Funds
Hazleton	Buchanan	All	Eliminate and cap private and abandoned wells in city	Emergency Services	Watershed Health & Contamination	MIN-LOW	Time, Staffing, Funds
Hazleton	Buchanan	All	Construct a larger Fire Department facility for equipment maintenance, handling, storage and training	Structural Projects	ALL	HIGH	Time, Staffing, Funds
Hazleton	Buchanan	All	Replacement of Otter Creek Bridge	Structural Projects	Flash Flood, River Flood	HIGH	Time, Staffing, Funds
Hazleton	Buchanan	All	Update Sanitation Sewer System	Structural Projects	Watershed Health & Contamination	LOW-HIGH	Time, Staffing, Funds
Hazleton	Buchanan	All	Install additional Storm Sewer System	Structural Projects	Flash Flood, River Flood	LOW-HIGH	Time, Staffing, Funds
Hazleton	Buchanan	All	Community Safe Room	Structural Projects	Tornadoes, Windstorms	HIGH	Time, Staffing, Funds
Independence	Buchanan	All	Educate the Public through: continued cooperation with local service organizations (American Red Cross, County EMA, etc) to educate residents on how to prepare for and respond to a various hazards; public awareness and education on City sponsored projects within identified flood hazard areas (fill for sidewalks trails); importance of personal Emergency/Disaster Plan; use of all forms of media	Prevention & Public Education and Awareness	ALL	MIN	Time, Staffing, Funds
Independence	Buchanan	All	Order to Identify Areas of Potential Improvement	Emergency Services	ALL	Low	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Maintain, Enforce, and Update Community Regulations, Ordinances, and Planning Documents as necessary (i.e., building codes, zoning ordinance, subdivision ordinance, floodplain management ordinance, comprehensive plan, minimum housing standards, etc.)	Prevention	ALL	Low	Time, Staffing, Funds
Independence	Buchanan	All	Develop and Maintain Tree-Trimming Program in Order to Reduce the Chances of Falling Branches on Infrastructure and Property	Prevention	Tornadoes, Windstorms, Sever Winter Storms, Hailstorms, Thunderstorm & Lightning	Minimal to Low	Time, Staffing, Funds
Independence	Buchanan	All	Ensure First Responders, Police Department, Fire Department, Public Works and Street Department are properly Equipped, Staffed, and Trained to Provide Adequate Response to All Hazards	Emergency Services	ALL	Minimal to High	Time, Staffing, Funds
Independence	Buchanan	All	Consider the Construction of Community Tornado Shelters and Safe Rooms at Identified Vulnerable Locations (Senior Center, Falcon Civic Center, Churches, Nursing Homes, Hospital, Mobile Home Parks, and Parks)	Structural Projects	Tornadoes, Windstorms	Moderate to High	Time, Staffing, Funds
Independence	Buchanan	All	Maintain Light Plant Procedure of Keeping a List of Individuals with Special Needs so they Receive a Higher Priority Response to Power Outages	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Enforce Subdivision Ordinance Requiring Water Detention Areas	Prevention	Flash Flood	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Work to Safeguard against Potential Fire and Explosion Hazards Throughout the Community	Prevention	Structure Fire, Grass and Wildland Fire, Explosion, Fixed HAZMAT Incident	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Maintain and Update as Needed, 28E Agreements with Surrounding Entities	Prevention, Emergency Services	ALL	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Provide Good Emergency Access to Water Throughout the Community (i.e., access to hydrants, river, wells, etc.)	Emergency Services	ALL	Minimal to Low	Time, Staffing, Funds
Independence	Buchanan	All	Continue Participation in the National Flood Insurance Program (NFIP)	Prevention	River Flood, Flash Flood	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue Good Working Practices of Wastewater Management During Flood Events	Prevention	River Flood	Minimal to Low	Time, Staffing, Funds
Independence	Buchanan	All	Systematically Review and Update, as needed, Hazard Responses Policies and Procedures	Prevention	ALL	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Ensure Proper Signage is in place to Maintain Safe and Efficient Traffic Flow	Prevention	Transportation Incident, Transportation Incident - HAZMAT	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Regularly Evaluate Transportation Systems to Identify and Correct any noted Deficiencies or Unsafe Areas, as well as Conduct Peak Studies (requested)	Prevention	Transportation Incident, Transportation Incident - HAZMAT	Minimal to Moderate	Time, Staffing, Funds
Independence	Buchanan	All	Develop, Implement, and Maintain a Storm Water Management Program	Prevention	Flash Flood, Transportation Incident, Watershed Health & Contamination	Minimal	Time, Staffing, Funds

Independence	Buchanan	All	Continue to Test and Chlorinate Drinking Water	Prevention	Disease (Human, Animal)	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Cooperate with Local Medical Facilities and Health Department to increase likelihood of detection and proper response to outbreaks	Prevention, Emergency Services	Disease (Human, Animal)	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Maintain Backup Communication Towers for Emergency Responders	Emergency Services	Communication Failure	Low	Time, Staffing, Funds
Independence	Buchanan	All	Restrict Water Usage, as necessary, to Maintain Water Supply	Prevention	Drought	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Work with Telephone Companies to provide Redundant Service Lines and More Cellular Towers to Reduce Risk of Outages	Emergency Services	ALL	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Develop and Maintain a List of Interpreters in order to Enhance Communication Barriers within the community	Emergency Services	Communication Failure	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Encourage Developers to Include Tornado Safe Rooms in New or Retrofit Construction Projects	Structural Projects	Tornadoes, Windstorms	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Consider Supplementing the Purchase of NOAA Weather Radios for People in the Community	Emergency Services	ALL	Minimal to Low	Time, Staffing, Funds
Independence	Buchanan	All	Review Designated Snow Route Policies to Ensure Effectiveness and Maintain Proper Signage along Routes	Prevention	Severe Winter Storms	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Place Lightning Arrestors on Power Lines	Prevention	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorm and Lightning	Low	Time, Staffing, Funds
Independence	Buchanan	All	Identify Locations (nursing homes, schools, shelter locations) where it would be beneficial to have Backup Power Generation and Install	Prevention, Emergency Services	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorm and Lightning	Minimal to Moderate	Time, Staffing, Funds
Independence	Buchanan	All	Identify any Deficiencies in Storm Sewer System and Prioritize Potential Mitigation Projects	Prevention	Flash Flood, River Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms	Low to High	Time, Staffing, Funds
Independence	Buchanan	All	Continue to Provide Surge Protection Devices on Any Identified Critical City-Owned Electronics	Prevention	Thunderstorm and Lightning	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Ensure Proper and Up-to-Date Training of Floodplain Managers	Prevention, Emergency Services	River Flood	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Elevation of Structures in Floodplain as an Alternative to Removal	Prevention, Structural Projects	River Flood	Low to Moderate	Time, Staffing, Funds
Independence	Buchanan	All	Place Temporary Moratoriums on Boating during High Water and/or Flood Events	Prevention	River Flood, Flash Flood	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Strategically place Filter Strips and other Sedimentation and Erosion Control Measures in areas to reduce the amount of foreign materials entering water bodies	Prevention	River Flood, Flash Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms, Watershed Health & Contamination	Minimal to Low	Time, Staffing, Funds
Independence	Buchanan	All	Identify and Evaluate Critical Facilities (i.e., wells, lift stations, WWPT, etc.) for Accessibility, Vulnerability, and Risk	Prevention	Terrorism	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Require all New Developments to Place Utilities Underground	Prevention	ALL	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Work Towards a Fire Insurance Rating of 4	Prevention, Emergency Services	ALL	Moderate to High	Time, Staffing, Funds
Independence	Buchanan	All	Consider Supplementing or Outright Donation of Smoke Detectors to Residents	Public Education & Awareness	Structure Fire	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Continue Acquisition and Removal of Structures (all types) from the Floodplain	Prevention	River Flood	Moderate to High	Time, Staffing, Funds
Independence	Buchanan	All	Bank Stabilization Efforts on Areas Along Wapsipinicon River and Malone Creek	Natural Resource Protection	River Flood	Moderate to High	Time, Staffing, Funds

Independence	Buchanan	All	Dredge the Wapsipinicon River in order to provide more Flow Capacity	Natural Resource Protection	Flash Flood, River Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms	High	Time, Staffing, Funds
Independence	Buchanan	All	Dam Replacement	Prevention	River Flood	High	Time, Staffing, Funds
Independence	Buchanan	All	Maintain a Local Swimming Pool	Prevention	Extreme Heat	Low to Moderate	Time, Staffing, Funds
Independence	Buchanan	All	Implement Burn Bans	Prevention	Extreme Heat and Drought	Minimal	Time, Staffing, Funds
Independence	Buchanan	All	Develop and Implement an Annual Inspection of Dam	Prevention	Dam Failure	Low	Time, Staffing, Funds
Independence	Buchanan	All	Continue Communication Efforts with Railroad Company to ensure Annual Inspections and Repairs of Railroad Bridge(s), especially after flood events.	Prevention	Flash Flood, River Flood	Low	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to enforce tree inspection and trimming program	Prevention	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Consider more stringent building code requirements	Prevention	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to enforce a snow ordinance and emergency snow routes	Prevention	Severe Winter Storms, Transportation Incident	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue regular building inspections	Prevention	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue participation in the National Flood Insurance Program	Prevention	River Flood, Flash Flood	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Identify and remove dangerous buildings throughout the community	Prevention	ALL	Min-Mod	Time, Staffing, Funds
Jesup	Buchanan	All	Enforce Iowa One Call provision	Prevention	Transportation Incident – Energy, Communication Failure	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Implement burning bans when severe drought occurs	Prevention	Drought, Grass or Wildland Fire	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Establish designated routes for the transport of hazardous materials and explosive material	Prevention	Transportation Incident - HAZMAT, Explosion	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Restrict water usage, as necessary	Prevention	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Ensure that proper signage is in place to facilitate a controlled flow of traffic	Prevention	Transportation Incident	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Spray for mosquitoes in the community	Prevention	Disease (Human & Animal)	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Regularly inspect natural gas connections	Property Protection	Explosion, Transportation Incident – Energy & Pipeline	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Secure vulnerable critical sites throughout the community	Property Protection	ALL	Min-Mod	Time, Staffing, Funds
Jesup	Buchanan	All	Require back flow valves in all new construction	Property Protection	Flash Flood	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Educate the public on proper steps to take before, during, and after a hazard event to protect their property and their health	Public Education & Awareness	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Develop a "Tornado Safe Room" awareness program	Public Education & Awareness	Tornadoes, Windstorms	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Purchase upgrades to existing early warning sirens	Public Education & Awareness	ALL	Min - Low	Time, Staffing, Funds
Jesup	Buchanan	All	Develop a NOAA Weather Radio awareness program, including purchasing radios for community	Public Education & Awareness	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Educate the public on how to appropriately dispose of hazardous and household waste	Public Education & Awareness	Watershed Healthy & Contamination	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Encourage vaccinations	Public Education & Awareness	Disease (Human & Animal)	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Implement a Storm Water Management program	Natural Resource Protection	River Flood, Flash Flood, Watershed Health & Contamination	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Implement and encourage erosion and sedimentation control measures	Natural Resource Protection	Groundwater Contamination, Flash Flood	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to treat and monitor water supply	Natural Resource Protection	Groundwater Contamination, Disease	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Make a major update with new equipment to our emergency notification siren system	Emergency Services	ALL	Low	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to provide adequate training to Fire Department, Police Department, Street Department to respond to hazard events	Emergency Services	ALL	Min-Low	Time, Staffing, Funds
Jesup	Buchanan	All	Maintain list of potential translators to be called upon in case of an emergency	Emergency Services	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Maintain existing and purchase additional equipment for Street Department, Fire Department, and Police Department to respond to hazard events	Emergency Services	ALL	Min-Mod	Time, Staffing, Funds
Jesup	Buchanan	All	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	Emergency Services	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Develop a list of structures to be used as gathering sites in the event of an emergency situation	Emergency Services	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Encourage local utility to install surge protectors and lightning arrestors on major electric lines	Emergency Services	Transportation Incident - Energy, Tornadoes, Windstorms, Severe Winter Storms, Thunderstorm & Lightning	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to recruit and train volunteer storm spotters	Emergency Services	Tornadoes, Windstorms, Thunderstorm & Lightning	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Purchase potable water pumps	Emergency Services	Flash Flood, River Flood	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Work with local utility to develop a program to bury existing lines	Emergency Services	Transportation Incident - Energy, Tornadoes, Windstorms, Hailstorms, Severe Winter Storms, Thunderstorm & Lightning	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to purchase and install surge protector equipment on critical municipally-owned electronic equipment	Emergency Services	ALL	Min-Low	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to backup critical city data	Emergency Services	ALL	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Designate local 'heating and cooling sites'	Emergency Services	Severe Winter Storms, Extreme Heat	Min	Time, Staffing, Funds

Jesup	Buchanan	All	Continue contract for Linn County HAZMAT team response	Emergency Services	Fixed HAZMAT Incident, Transportation Incident – HAZMAT	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Work with local businesses and County EMA to ensure Tier II reports are being filed	Emergency Services	Fixed HAZMAT Incident	Min	Time, Staffing, Funds
Jesup	Buchanan	All	Purchase new generator to provide emergency power at New City Hall Bldg	Emergency Services	ALL	Mod	Time, Staffing, Funds
Jesup	Buchanan	All	Fire hydrant location analysis and correction	Emergency Services	ALL	Min-Mod	Time, Staffing, Funds
Jesup	Buchanan	All	Continue improvements to the storm water system	Structural Projects	Flash Flood, River Flood	Mod-High	Time, Staffing, Funds
Jesup	Buchanan	All	Construct dikes, levees, and/or dams in and around community	Structural Projects	Flash Flood, River Flood	Mod-High	Time, Staffing, Funds
Jesup	Buchanan	All	Continue to improve water distribution system	Structural Projects	Structure Fire, Grass or Wildland Fire, Explosion	Mod-High	Time, Staffing, Funds
Lamont	Buchanan	All	Backup generator(s) for city shop, warning siren, fire station and wells	Prevention	All	Mod-High	Time, Staffing, Funds
Lamont	Buchanan	All	Continued participation in the Battery-Up Program; provide batteries, new smoke detectors, and CO detectors to residents	Prevention	Structure Fire	MIN	Time, Staffing, Funds
Lamont	Buchanan	All	Continue to identify and remedy sewer system inflow and infiltration problems – enforce sump pump ordinance, televis and grout sewer lines, identify and close abandoned service lines	Prevention	River Flood, Flash Flood, Watershed Health & Contamination	MIN-MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Continue participation in NFIP.	Property Protection	River Flood, Flash Flood	Low	Time, Staffing, Funds
Lamont	Buchanan	All	Enlarge drainage culverts under Monroe/Madison Street	Property Protection	River Flood, Flash Flood	MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Clear ditches, streams, and waterways	Natural Resource Protection	River Flood, Flash Flood	LOW-MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Develop and implement well-head protection plan, eliminate and cap private and abandoned wells	Natural Resource Protection	Watershed Health & Contamination	MIN-LOW	Time, Staffing, Funds
Lamont	Buchanan	All	Continue to encourage enrollment in Code Red emergency notification system	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Lamont	Buchanan	All	Back-up generator for designated shelter sites	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Keep updated designated shelter list	Emergency Services	ALL	MIN	Time, Staffing, Funds
Lamont	Buchanan	All	Recruit and train fire fighters, first responders, emergency personnel (storm watch, dispatch)	Emergency Services	ALL	MIN	Time, Staffing, Funds
Lamont	Buchanan	All	Maintain bunker gear, personal protective gear, equipment, communications radio, etc.	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Purchase off-road, grass and brush fire vehicle, update and enlarge tank on tanker truck	Emergency Services	Structure Fire, Grass or Wildland Fire	LOW	Time, Staffing, Funds
Lamont	Buchanan	All	Identify private homes with backup generators for shelter sites	Emergency Services	ALL	MIN	Time, Staffing, Funds
Lamont	Buchanan	All	Update existing siren system – more powerful siren or several sirens in at least three locations/sites	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Lamont	Buchanan	All	Build lift station out of floodplain; build third cell at lagoons	Structural Projects	River Flood, Flash Flood, Watershed Health & Contamination	High	Time, Staffing, Funds
Quasqueton	Buchanan	All	Restrict Water Usage, as necessary, to Maintain Water Supply	Prevention	Drought		Time, Staffing, Funds
Quasqueton	Buchanan	All	Encourage Developers to Include Tornado Safe Rooms in New or Retrofit Construction Projects	Prevention	Tornadoes, Windstorms	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Maintain, Enforce, and Update Community Regulations, Ordinances, and Planning Documents as necessary (i.e., zoning ordinance, floodplain management ordinance, comprehensive plan, etc.)	Prevention	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Systematically Review and Update, as needed, Hazard Responses Policies and Procedures	Prevention	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue Participation in the National Flood Insurance Program (NFIP)	Prevention	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Implement Burn Bans	Prevention	Extreme Heat, Drought	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Develop and implement an Annual Inspection of Dam	Prevention	Dam Failure	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Develop and Maintain Tree-Trimming Program in Order to Reduce the Chances of Falling Branches on Infrastructure and Property	Prevention	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorm & Lightning	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Educate the Public through: continued cooperation with local service organizations (American Red Cross, County EMA, etc) to educate residents on how to prepare for and respond to a various hazards; public awareness and education on City sponsored projects within identified flood hazard areas (fill for sidewalks trails); importance of personal Emergency/Disaster Plan; use of all forms of media	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Identify and Evaluate Critical Facilities (i.e., wells, lift stations, WWPT, etc.) for Accessibility, Vulnerability, and Risk	Property Protection	Terrorism	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Elevation of Structures in Floodplain as an Alternative to Removal	Property Protection	River Flood	LOW-MOD	Time, Staffing, Funds
Quasqueton	Buchanan	All	Strategically place Filter Strips and other Sedimentation and Erosion Control Measures in areas to reduce the amount of foreign materials entering water bodies	Natural Resource Protection	River Flood, Flash Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms, Watershed Health & Contamination	LOW	Time, Staffing, Funds
Quasqueton	Buchanan	All	Bank Stabilization Efforts on Areas Along Wapsipinicon River	Natural Resource Protection	River Flood	LOW	Time, Staffing, Funds
Quasqueton	Buchanan	All	Develop, Implement, and Maintain a Storm Water Management Program	Natural Resource Protection	Flash Flood, Transportation Incident, Watershed Health & Contamination	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Dredge the Wapsipinicon River in order to provide more Flow Capacity	Natural Resource Protection	Flash Flood, River Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms	LOW-MOD	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue Good Working Practices of Wastewater Management During Flood Events	Emergency Services	River Flood	MIN	Time, Staffing, Funds

Quasqueton	Buchanan	All	Continue to Ensure Proper Signage is in place to Maintain Safe and Efficient Traffic Flow	Emergency Services	Transportation Incident, Transportation Incident - HAZMAT,	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Regularly Evaluate Transportation Systems to Identify and Correct any noted Deficiencies or Unsafe Areas, as well as Conduct Peak Studies (requested)	Emergency Services	Transportation Incident, Transportation Incident - HAZMAT	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Test and Chlorinate Drinking Water	Emergency Services	Disease (Human, Animal)	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Cooperate with Local Medical Facilities and Health Department to increase likelihood of detection and proper response to outbreaks	Emergency Services	Disease (Human, Animal)	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Work to Safeguard against Potential Fire and Explosion Hazards Throughout the Community	Emergency Services	Structure Fire, Grass or Wildland Fire, Explosion, Fixed HAZMAT Incident	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Maintain and Update as Needed, 28E Agreements with Surrounding Entities	Emergency Services	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Provide Good Emergency Access to Water Throughout the Community (i.e., access to hydrants, river, wells, etc.)	Emergency Services	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Ensure First Responders, Sheriff Department, Fire Department, Public Works and Street Department are properly Equipped, Staffed, and Trained to Provide Adequate Response to All Hazards	Emergency Services	ALL	MIN-High	Time, Staffing, Funds
Quasqueton	Buchanan	All	Maintain Backup Communication Towers for Emergency Responders	Emergency Services	Communication Failure	MIN-LOW	Time, Staffing, Funds
Quasqueton	Buchanan	All	Work with Telephone Companies to provide Redundant Service Lines and More Cellular Towers to Reduce Risk of Outages	Emergency Services	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Develop and Maintain a List of Interpreters in order to Enhance Communication Barriers within the community	Emergency Services	Communication Failure	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Consider Supplementing the Purchase of NOAA Weather Radios for People in the Community	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds
Quasqueton	Buchanan	All	Review Designated Snow Route Policies to Ensure Effectiveness and Maintain Proper Signage along Routes	Emergency Services	Severe Winter Storms	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Identify Locations (Fire Station) where it would be beneficial to have Backup Power Generation and Install	Emergency Services	Tornadoes, Windstorms, Severe Winter Storms, Hailstorms, Thunderstorm and Lightning	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Provide Surge Protection Devices on Any Identified Critical City-Owned Electronics	Emergency Services	Thunderstorm and Lightning	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Ensure Proper and Up-to-Date Training of Floodplain Managers	Emergency Services	River Flood	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Place Temporary Moratoriums on Boating during High Water and/or Flood Events	Emergency Services	River Flood, Flash Flood	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue to Periodically Evaluate Outdoor Warning Siren System in Order to Identify Areas of Potential Improvement	Emergency Services	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Work Towards a Fire Insurance Rating of 4	Emergency Services	ALL	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Consider Supplementing or Outright Donation of Smoke Detectors to Residents	Emergency Services	Structure Fire	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue Acquisition and Removal of Structures (all types) from the Floodplain	Emergency Services	River Flood	MOD	Time, Staffing, Funds
Quasqueton	Buchanan	All	Dam Replacement	Structural Projects	River Flood	HIGH	Time, Staffing, Funds
Quasqueton	Buchanan	All	Identify any Deficiencies in Storm Sewer System and Prioritize Potential Mitigation Projects	Structural Projects	Flash Flood, River Flood, Thunderstorm and Lightning, Hailstorms, Severe Winter Storms	MIN	Time, Staffing, Funds
Quasqueton	Buchanan	All	Consider the Construction of Community Tornado Shelters and Safe Rooms at Identified Vulnerable Locations (Churches, Mobile Home Parks, and Parks)	Structural Projects	Tornadoes, Windstorms	MOD-HIGH	Time, Staffing, Funds
Quasqueton	Buchanan	All	Continue maintenance on Dam	Structural Projects	Dam Failure	MIN-LOW	Time, Staffing, Funds
Rowley	Buchanan	All	Review designated snow route policy and signage	Prevention	Severe Winter Storms	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Establish a tree trimming program	Prevention	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Work on adopting building codes	Prevention	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Enforce county guidelines on burning	Prevention	Drought	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Informational letter to citizens	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Establish good neighbor programs	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Continue to promote use of Iowa One Call	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Review security at critical facilities in the city	Property Protection	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Continue to follow monitoring requirements set forth by the Iowa DNR	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Encourage the use of buffer strips	Natural Resource Protection	Watershed Health & Contamination	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Training Fire Department, First Responders to adequately respond to all hazard events	Emergency Services	ALL	MIN-LOW	Time, Staffing, Funds

Rowley	Buchanan	All	Identify potential funding sources to accomplish mitigation projects	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Test warning sirens for community notification of pending storms	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Implement Hazard Mitigation Plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Maintain lists of special needs of citizens so they receive high priority during storms	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Maintain weather spotter training	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Maintain existing agreement with surrounding communities for mutual aid assistance	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Maintain existing and purchase new fire fighting equipment as need	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Rowley	Buchanan	All	Keep sirens updated	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Rowley	Buchanan	All	Maintain fire and rescue services	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Acquire a generator	Emergency Services	ALL	LOW	Time, Staffing, Funds
Rowley	Buchanan	All	Sign up for Code Red	Emergency Services	ALL	MIN	Time, Staffing, Funds
Rowley	Buchanan	All	Maintaining safe playground equipment	Structural Projects	ALL	MIN-LOW	Time, Staffing, Funds
Stanley	Buchanan	All	Abate abandoned dilapidated residential properties	Prevention	Disease (Human, Animal), Structure Fire, S	LOW-MOD	Time, Staffing, Funds
Stanley	Buchanan	All	Improve early warning with sirens (with page function) and use of 'Code Red'	Public Education & Awareness	ALL	MIN-MOD	Time, Staffing, Funds
Stanley	Buchanan	All	Increase public awareness and education of hazards	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Upgrade to a heavier equipment for snow removal	Emergency Services	Severe Winter Storms	LOW	Time, Staffing, Funds
Stanley	Buchanan	All	Install backup generator for fire station/emergency shelter	Emergency Services	ALL	LOW	Time, Staffing, Funds
Stanley	Buchanan	All	Reconvene the planning committee on an annual basis to review the HMP to check for compliance with plan goals and track progress	Emergency Services	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Identify funding sources to assist in response operations and capability upgrades	Emergency Services	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Return the community to either pre-disaster or improved conditions in a timely manner in the wake of a disaster	Emergency Services	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Continually reassess and re-evaluate the HMP and mitigation activities	Emergency Services	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Develop emergency shelter plan	Emergency Services	ALL	MIN	Time, Staffing, Funds
Stanley	Buchanan	All	Complete fire water system	Emergency Services	Structure Fire	MOD	Time, Staffing, Funds
Stanley	Buchanan	All	Update fire station	Emergency Services	Structure Fire	MOD-HIGH	Time, Staffing, Funds
Stanley	Buchanan	All	Plan for elimination of water by constructing new storm sewer	Structural Projects	Flash Flood	HIGH	Time, Staffing, Funds
Stanley	Buchanan	All	Continue street upgrade to concrete	Structural Projects	ALL	HIGH	Time, Staffing, Funds
Winthrop	Buchanan	All	Update building codes for wind resistance	Prevention	Windstorms, Hailstorms, Tornadoes	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Develop a Capital Improvement Program for storm water management	Prevention	Flash Flood	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Establish tree trimming protocol	Prevention	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Enforce sump-pump ordinance	Prevention	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Encourage all residents to sign up for countywide 'code red' service	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Utilize city website to notify residents of potential / current hazards	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Utilize water bill notification system for residents	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Encourage residents to purchase NOAA Radios	Public Education & Awareness	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Increase security measures taken to protect and secure critical facilities	Property Protection	ALL	MIN-LOW	Time, Staffing, Funds
Winthrop	Buchanan	All	Construct additional fire department bay to hold new fire truck	Property Protection	ALL	MOD-HIGH	Time, Staffing, Funds
Winthrop	Buchanan	All	Improve drainage by dredging drainage ditch	Natural Resource Protection	Flash Flood, River Flood	LOW-MOD	Time, Staffing, Funds
Winthrop	Buchanan	All	Consider development of a storm water management program	Natural Resource Protection	Flash Flood, River Flood	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Develop GIS mapping of city infrastructure	Natural Resource Protection	ALL	LOW-MOD	Time, Staffing, Funds
Winthrop	Buchanan	All	Acquire tornado sirens with automatic detonation from law center	Emergency Services	ALL	MOD	Time, Staffing, Funds
Winthrop	Buchanan	All	Acquire automatic dial-up system for failure at water and sewer plant	Emergency Services	ALL	LOW-MOD	Time, Staffing, Funds
Winthrop	Buchanan	All	Continue education of emergency personnel	Emergency Services	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Identify possible funding sources for projects and programs	Emergency Services	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Maintain list of potential translators in case of emergency	Emergency Services	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Develop list of structures to be used in gathering during emergencies	Emergency Services	ALL	MIN	Time, Staffing, Funds
Winthrop	Buchanan	All	Purchase thermal imager	Emergency Services	ALL	LOW	Time, Staffing, Funds
Winthrop	Buchanan	All	Construct community tornado safe room	Structural Projects	Tornadoes, Windstorms	HIGH	Time, Staffing, Funds
Winthrop	Buchanan	All	Install a concrete floodplain spillway	Structural Projects	Flash Flood	HIGH	Time, Staffing, Funds
Winthrop	Buchanan	All	Install higher water flow culverts across floodplain	Structural Projects	River Flood	HIGH	Time, Staffing, Funds
Winthrop	Buchanan	All	Upgrade water lines to 6-inches	Structural Projects	Structure Fire, Grass or Wildland Fire	HIGH	Time, Staffing, Funds

Jurisdiction	County of Jurisdiction (Select one from list)	Completed (C) or In Progress (I) Mitigation Project/Activity Description (Measures that have been identified in the Local Hazard Mitigation Plan, when doing updated plans)	C or I (indicating type of project)	Mitigation Measure Category	Mitigation Measure - Completion Date (or Estimated Date) of Completion	Primary Hazard Addressed (Select one from list)	Funding Sources
Unincorporated Area	Buchanan	Adopt and enforce a building code	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Modify zoning ordinance to require underground wiring for new housing	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Maintain, update, and enforce County Zoning Ordinance and Floodplain Ordinance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Enforce County guidelines for burning	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Promote and supplement buffer Initiative	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Flood proof structures in the 100-year floodplain	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Acquisition and enhancement of flood protection lands	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Acquisition and removal of structures from the floodplain as funds become available	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Provide education on hazardous materials to industries and the public, including storage and disposal of household hazardous chemicals	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to work with ISU Extension to provide pesticide applicator training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue Reduce/Reduction education	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Improve public awareness of flood risk, flood insurance, and floodplain construction regulations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue community education and distribution of community preparedness kits	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to provide the public with information regarding all hazards and how to prevent, respond, and recover if a hazard was to occur	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue fire safety education	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Work with ISU Extension Office to provide fire extinguishers to residents	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Educate farmers on early detention of animal diseases	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Educate the public on reporting suspicious activities	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Educate the public on the location of pipelines within the county	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue Code Red System	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Develop a NOAA Weather Radio awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Develop a Tornado Safe Room awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue programs to teach CPR/First Aid	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Expand easement programs on agricultural land along rivers and streams	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Protection of wetland and other natural areas existing along waterways	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Follow watershed monitoring requirements set forth by the Iowa Department of Natural Resources	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Unincorporated Area	Buchanan	Back up generator is needed at public health facility.	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Back up IT switches and servers as needed.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to provide necessary training to the Hazardous Materials Team on an annual basis	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue and/or expand training for the HEAT Team	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue contract with Linn County HAZMAT Team	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Maintain, and upgrade when necessary, emergency response equipment	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Implement physical staff gages up river and down river in Fairbank, Crane Creek, Quasqueton, Littleton, and Otterville	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to work with certified floodplain manager regarding floodplain issues	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue support of the Buchanan County Disaster Recovery Coalition	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue participation in the Iowa Mutual Aid Compact	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Maintain existing Mutual Aid Agreements with surrounding communities and counties for emergency assistance during a hazard or disaster	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to provide necessary training and equipment to the Sheriff's Department as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to review and update Airport Emergency Plan as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Conduct air traffic exercise to train emergency personnel	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to provide education, training, and drills/exercises for emergency response personnel to handle all types of hazards	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Expand storm spotter training program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to update emergency generator list and incorporate it into appropriate plans	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Encourage local utilities to install surge protectors on major electric lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to upgrade radio communications equipment as needed	R-Funds needed	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to work with Iowa Rural Water Association to hook-up cities and rural households to the water supply	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Expand promotion of and recruitment of volunteer firefighters	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to install additional dry hydrants as funds become available	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to review and update Incident Command procedures as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Provide personnel with training for the Community Emergency Response Team (CERT) as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Install Global Positioning Systems in all emergency vehicles	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Update equipment with GIS/GPS technology	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Purchase cellular phones with E911 systems	R-Funds needed	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue education and training of health officials and emergency response personnel regarding communication, early detection, and emergency response to human and animal diseases	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Create a written Disease Response Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Evaluate current terrorism mitigation efforts	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Review and improve evacuation plans and file with LEPC	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Establish local cooling and heating sites for at-risk populations such as the elderly and/or disabled	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Unincorporated Area	Buchanan	Continue to work with local agencies and organizations in the distribution of fans to at-risk populations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Determine possible sheltering locations in the event of a nuclear emergency	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Adopt a recovery ordinance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Develop a Continuity of Operations Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Update Emergency Response Plan as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue county road mitigation projects	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Unincorporated Area	Buchanan	Continue to make necessary inspections and repairs to existing dams	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan			ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Enforce tree inspection and trimming program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Adopt and enforce building code requirements	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Adopt and enforce a snow ordinance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain, enforce, and update Zoning and Floodplain Ordinances, as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Move anhydrous and fuel storage to safer locations on the outskirts of town	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Enforce county guidelines for burning	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Establish restricted routes for the transport of hazardous materials and explosive material	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a plan for rationing water within the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Update and install improved signage as it becomes necessary	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Control pet populations that inhabit local residences	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Create an annual fire inspection program for commercial and industrial properties	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Ensure all members of the public, including pets, have had all required immunizations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain county plan for mass vaccinations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Spray for mosquitoes in the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain access to gas detectors	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Increase security measures taken to protect and secure city's critical facilities	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Improve public awareness of proper steps to be taken in a hazard event	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a "Tornado Safe Room" awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Install additional outdoor early warning sirens, and provide battery backup for the existing siren	R- funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a NOAA Weather Radio awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Inform – and encourage - the public of the benefits of planting shade trees near dwellings	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Educate the community about the dangers of groundwater contamination	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Provide education on hazardous materials to industries and the public, including household chemicals.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Consider development of a storm water management program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Provide a local household hazardous waste site	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a wellhead protection program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Encourage the use of buffer strips	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Follow monitoring requirements set forth by the Iowa Department of Natural Resources	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Update Emergency Response Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a Continuity of Operations Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Continue to provide adequate training to Fire Department, Law Enforcement, and Ambulance personnel	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain existing and purchase additional street maintenance, fire, police, and ambulance equipment as needed	O – funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain existing agreements with surrounding communities for mutual aid emergency assistance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Aurora	Buchanan	Develop a list of structures to be used as gathering sites in the event of an emergency situation	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Encourage local utility to install surge protectors on major electric lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Consider use of Incident Command procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Expand weather spotting training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Work with local utility to develop a program to bury existing lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Ensure natural gas connections are regularly inspected	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Backup electronic data at city hall and emergency response locations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Establish local 'heating and cooling sites' for at risk populations, such as the elderly and/or disabled	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Continue working relationship with the Linn County HAZMAT team	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Ensure hazardous materials are reported (Tier II reports) in accordance with applicable laws	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Ensure proper training of Floodplain Manager(s)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Develop a plan for sandbagging in the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Maintain access to Geiger counters for first responders	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Install Global Positioning Systems in all emergency vehicles	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Acquire more water pumps	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Upgrade radio communications equipment as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Purchase new generators to provide emergency power in times of need	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Construct rigid barriers around sites that store explosive materials	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Aurora	Buchanan	Continue improvements to the storm water system	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue implementation and enforcement of planning, zoning, building codes, and capital improvement program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue participation in the National Flood Insurance Program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Discourage development in floodplain areas	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Relocate the fire department	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Review and improve security at critical facilities in the city	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Encourage real estate disclosure	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Inform public on flood zone locations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Improve public awareness of all hazard risks – what to do before, during and after an event	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Encourage residents to have disaster supply kits on hand to use in the event of a disaster event	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Promote NOAA weather radio use	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Encourage residents purchase and use smoke detectors	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Establish Good Neighbor programs	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintenance of watershed management behind fire department – reseeded to control flood waters	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Rerouting flood water by digging out or dredging creek bed	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Improve warning system	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue 28E agreements for fire department and first responders	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain generator to lessen the loss of power at well	O – continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain generator for fire department	O – continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Purchase a first responders vehicle	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Stay in contact with representatives from Palo	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue to provide adequate emergency/disaster response training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Develop local emergency operations plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain list of special needs residents	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Develop community shelters for use as cooling, heating, and storm sites	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Brandon	Buchanan	Purchase backup gas or diesel powered electric generators for primary shelters	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Develop plans to address utility outages and emergencies	O – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Update siren warning systems	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Purchase new firefighter PPE, air packs (SCBA-self contained breathing apparatus), vehicle extrication equipment, and fire trucks	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue to provide upgraded equipment and up-to-date training so the fire department is capable of appropriate and effective response	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Support EMS training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue HAZMAT agreements and support regional HAZMAT teams	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain and enhance storm spotter training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain culvert on Cedar Street	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Maintain Methodist Church safe room	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Continue sewer system rehabilitation	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Install new fire hydrants	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Conduct necessary sanitary sewer improvements	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Establish storm shelters for mobile home parks	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Brandon	Buchanan	Establish recreational area storm shelters	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Work towards adoption of Building Code	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue participation in the National Flood Insurance Program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain, enforce, and update Zoning and Floodplain Ordinances as needed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Make necessary updates to and enforce city guidelines for burning, as well as enforcing the county-wide guidelines for burning	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Create an annual fire inspection program for commercial and industrial properties	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to enforce tree inspection and trimming program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to enforcement of snow ordinance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Develop a plan for rationing water use with the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Flood proof structures in the floodplain	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Increase security measures taken to protect and secure city critical facilities	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Install back-flow valves at residences	R – funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Keep working on river channel	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to follow monitoring requirements set forth by the Iowa Department of Natural Resources	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Develop a wellhead protection program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Consider development of a storm water management program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Encourage the use of buffer strips	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Increase community awareness of all hazards through use of newsletters, utility billings, city website, etc.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Educate the public on what to do before, during, and after all hazard events	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Provide hazardous materials education for industry and community, including household chemical education	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Provide an annual local household hazardous waste drop off site	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to promote use of Iowa One Call	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Develop a 'tornado safe room' awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to promote use of Buchanan County's Code Red System	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain county plan for mass vaccinations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Encourage all residents, and pets, to have up-to-date immunizations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Fairbank	Buchanan	Develop a NOAA Weather Radio awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Encourage residents to plant shade trees near dwellings	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain fire and rescue services	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Return to normal as soon as possible	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Mitigate potential hazards and disasters	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Identify possible funding sources for projects and programs	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue HAZMAT Training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Upgrade radio communication equipment	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Keep sirens updated	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to put electric lines underground	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Have access to senior housing for checks	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Centralize equipment and materials	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Ensure proper training of Floodplain Manager	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Develop a plan for sandbagging in the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue to provide necessary training to fire department, law enforcement, and ambulance crews	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain existing and purchase new firefighting equipment as needed	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain existing 28E agreements with surrounding communities for mutual aid assistance	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Encourage local utility to install surge protectors on major electric lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue working with the Linn County HAZMAT response group	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Ensure hazardous materials are reported (Tier II reports) in accordance with applicable laws	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Purchase new generators to provide emergency power in times of need	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Backup electronic data at City Hall and emergency response locations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Establish local 'heating' and 'cooling' sites for at-risk populations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Install Global Positioning Systems (GPS) in all emergency vehicles	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain a list of available translators in the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Consider the use of Incident Command procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain weather spotter training	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Maintain access to Geiger counters for first responders	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Update and install improved signage as it become necessary	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Update Emergency Response Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Develop a Continuity of Operations Plan	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Continue with improvements to the storm sewer system	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Construction rigid barriers around sites that store explosive materials	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Fairbank	Buchanan	Replace inadequate bridges to increase weight capacity, structural issues, and maximize water flow	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Educate the Public through: continued cooperation with local service organizations (American Red Cross, County EMA, etc) to educate residents on how to prepare for and respond to a various hazards; public awareness and education on City sponsored projects within identified flood hazard areas (fill for sidewalks trails); importance of personal Emergency/Disaster Plan; use of all forms of media	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Periodically Evaluate Outdoor Warning Siren System in Order to Identify Areas of Potential Improvement	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Independence	Buchanan	Continue to Maintain, Enforce, and Update Community Regulations, Ordinances, and Planning Documents as necessary (i.e., building codes, zoning ordinance, subdivision ordinance, floodplain management ordinance, comprehensive plan, minimum housing standards, etc.)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Develop and Maintain Tree-Trimming Program in Order to Reduce the Chances of Falling Branches on Infrastructure and Property	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Ensure First Responders, Police Department, Fire Department, Public Works and Street Department are properly Equipped, Staffed, and Trained to Provide Adequate Response to All Hazards	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Consider the Construction of Community Tornado Shelters and Safe Rooms at Identified Vulnerable Locations (Senior Center, Falcon Civic Center, Churches, Nursing Homes, Hospital, Mobile Home Parks, and Parks)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Maintain Light Plant Procedure of Keeping a List of Individuals with Special Needs so they Receive a Higher Priority Response to Power Outages	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Enforce Subdivision Ordinance Requiring Water Detention Areas	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Work to Safeguard against Potential Fire and Explosion Hazards Throughout the Community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Maintain and Update as Needed, 28E Agreements with Surrounding Entities	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Provide Good Emergency Access to Water Throughout the Community (i.e., access to hydrants, river, wells, etc.)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue Participation in the National Flood Insurance Program (NFIP)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue Good Working Practices of Wastewater Management During Flood Events	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Systematically Review and Update, as needed, Hazard Responses Policies and Procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Ensure Proper Signage is in place to Maintain Safe and Efficient Traffic Flow	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Regularly Evaluate Transportation Systems to Identify and Correct any noted Deficiencies or Unsafe Areas, as well as Conduct Peak Studies (requested)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Develop, Implement, and Maintain a Storm Water Management Program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Test and Chlorinate Drinking Water	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Cooperate with Local Medical Facilities and Health Department to increase likelihood of detection and proper response to outbreaks	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Maintain Backup Communication Towers for Emergency Responders	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Restrict Water Usage, as necessary, to Maintain Water Supply	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Work with Telephone Companies to provide Redundant Service Lines and More Cellular Towers to Reduce Risk of Outages	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Develop and Maintain a List of Interpreters in order to Enhance Communication Barriers within the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Encourage Developers to Include Tornado Safe Rooms in New or Retrofit Construction Projects	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Consider Supplementing the Purchase of NOAA Weather Radios for People in the Community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Review Designated Snow Route Policies to Ensure Effectiveness and Maintain Proper Signage along Routes	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Place Lightning Arrestors on Power Lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Independence	Buchanan	Identify Locations (nursing homes, schools, shelter locations) where it would be beneficial to have Backup Power Generation and Install	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Identify any Deficiencies in Storm Sewer System and Prioritize Potential Mitigation Projects	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue to Provide Surge Protection Devices on Any Identified Critical City-Owned Electronics	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Ensure Proper and Up-to-Date Training of Floodplain Managers	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Elevation of Structures in Floodplain as an Alternative to Removal	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Place Temporary Moratoriums on Boating during High Water and/or Flood Events	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Strategically place Filter Strips and other Sedimentation and Erosion Control Measures in areas to reduce the amount of foreign materials entering water bodies	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Identify and Evaluate Critical Facilities (i.e., wells, lift stations, WWPT, etc.) for Accessibility, Vulnerability, and Risk	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Require all New Developments to Place Utilities Underground	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Work Towards a Fire Insurance Rating of 4	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Consider Supplementing or Outright Donation of Smoke Detectors to Residents	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue Acquisition and Removal of Structures (all types) from the Floodplain	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Bank Stabilization Efforts on Areas Along Wapsipinicon River and Malone Creek	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Dredge the Wapsipinicon River in order to provide more Flow Capacity	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Dam Replacement	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Maintain a Local Swimming Pool	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Implement Burn Bans	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Develop and Implement an Annual Inspection of Dam	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Independence	Buchanan	Continue Communication Efforts with Railroad Company to ensure Annual Inspections and Repairs of Railroad Bridge(s), especially after flood events.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to enforce tree inspection and trimming program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Consider more stringent building code requirements	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to enforce a snow ordinance and emergency snow routes	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue regular building inspections	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue participation in the National Flood Insurance Program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Identify and remove dangerous buildings throughout the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Enforce Iowa One Call provision	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Implement burning bans when severe drought occurs	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Establish designated routes for the transport of hazardous materials and explosive material	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Restrict water usage, as necessary	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Ensure that proper signage is in place to facilitate a controlled flow of traffic	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Spray for mosquitoes in the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Regularly inspect natural gas connections	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Secure vulnerable critical sites throughout the community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Require back flow valves in all new construction	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Jesup	Buchanan	Educate the public on proper steps to take before, during, and after a hazard event to protect their property and their health	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Develop a "Tornado Safe Room" awareness program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Purchase upgrades to existing early warning sirens	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Develop a NOAA Weather Radio awareness program, including purchasing radios for community	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Educate the public on how to appropriately dispose of hazardous and household waste	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Encourage vaccinations	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Implement a Storm Water Management program	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Implement and encourage erosion and sedimentation control measures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to treat and monitor water supply	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Make a major update with new equipment to our emergency notification siren system	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to provide adequate training to Fire Department, Police Department, Street Department to respond to hazard events	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Maintain list of potential translators to be called upon in case of an emergency	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Maintain existing and purchase additional equipment for Street Department, Fire Department, and Police Department to respond to hazard events	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Regularly review and amend fire, medical, and hazardous material response standard operating procedures	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Develop a list of structures to be used as gathering sites in the event of an emergency situation	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Encourage local utility to install surge protectors and lightning arrestors on major electric lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to recruit and train volunteer storm spotters	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Purchase potable water pumps	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Work with local utility to develop a program to bury existing lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to purchase and install surge protector equipment on critical municipally-owned electronic equipment	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to backup critical city data	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Designate local 'heating and cooling sites'	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue contract for Linn County HAZMAT team response	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Work with local businesses and County EMA to ensure Tier II reports are being filed	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Purchase new generator to provide emergency power at New City Hall Bldg	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Fire hydrant location analysis and correction	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue improvements to the storm water system	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Construct dikes, levees, and/or dams in and around community	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Jesup	Buchanan	Continue to improve water distribution system	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Backup generator(s) for city shop, warning siren, fire station and wells	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Continued participation in the Battery-Up Program; provide batteries, new smoke detectors, and CO detectors to residents	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Continue to identify and remedy sewer system inflow and infiltration problems – enforce sump pump ordinance, televise and grout sewer lines, identify and close abandoned service lines	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Continue participation in NFIP.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Enlarge drainage culverts under Monroe/Madison Street	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Clear ditches, streams, and waterways	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal

Lamont	Buchanan	Develop and implement well-head protection plan, eliminate and cap private and abandoned wells	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Continue to encourage enrollment in Code Red emergency notification system	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Back-up generator for designated shelter sites	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Keep updated designated shelter list	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Recruit and train fire fighters, first responders, emergency personnel (storm watch, dispatch)	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Maintain bunker gear, personal protective gear, equipment, communications radio, etc.	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Purchase off-road, grass and brush fire vehicle, update and enlarge tank on tanker truck	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Identify private homes with backup generators for shelter sites	O – Continuing community need	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Update existing siren system – more powerful siren or several sirens in at least three locations/sites	R – Funds needed	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Build lift station out of floodplain; build third cell at lagoons	I – In process	ALL	On-Going	ALL	Local, State, Federal
Lamont	Buchanan	Emergency hook-up to Central Iowa Rural Water to be used in case of power failure, well contamination, well mechanical failure, fire	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Highway 187 joint drainage project (with IDOT and Buchanan County) to divert drainage water (as identified in Crawford Engineering Water Study) back to Lamont Creek	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Purchased hydraulic pump for emergency use during flooding	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	US Cellular erected a cell tower near town which now provides reliable service for backup phone service, mobile communications during emergencies	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Building to building inspections to identify and remove sump pumps, downspouts connected to sewer system	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Building to building inspections to identify and remove private wells connected to city water system	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Purchased new Freightliner Pumper Truck in 2008, increased water capacity from 750 gallons to 1250 gallons	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Purchased New Holland Tractor (2004) and box blade (2011) increasing snow removal capacity and efficiency	C - Completed	ALL		ALL	Local, State, Federal
Lamont	Buchanan	Inventory of sand bags and cleanup kits for flood events	C - Completed	ALL		ALL	Local, State, Federal

COMMUNITIES CAPABILITIES	Community	Method of incorporation into plan
Planning Capabilities	All participating jurisdictions	
Comprehensive Plan	YES-all available	used for assessing development trends
Builder's Plan	NO	
Capital Improvement Plan	No	
Local Emergency Plan	Yes	Identification of shelters and emergency services
County Emergency Plan	Yes	Identification of shelters and emergency services
Local Recovery Plan	NO	
County Recovery Plan	Yes	
Local Mitigation Plan	YES	used for reducing/eliminating injury, loss of life, and property damage; and reviewing previous actions
County Mitigation Plan	Yes	used for reducing/eliminating injury, loss of life, and property damage; and reviewing previous actions
Local Mitigation Plan (PDM)	Yes	used for reducing/eliminating injury, loss of life, and property damage; and reviewing previous actions
County Mitigation Plan (PDM)	Yes	used for reducing/eliminating injury, loss of life, and property damage; and reviewing previous actions
Economic Development Plan	NO	
Transportation Plan	no	
Land-use Plan	Comp. Plan	used for assessing development trends
Flood Mitigation Assistance (FMA) Plan	No	
Watershed Plan	No	
Fire wise or other fire mitigation plan	No	
School Mitigation Plan	Yes	identification of activities and projects
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes	used for reducing/eliminating injury, loss of life, and property damage
Evacuation Plan	No	
Policies/Ordinance		
Zoning Ordinance	Yes	used for assessing development trends
Building Code	Yes	used for reducing/eliminating injury, loss of life, and property damage
Floodplain Ordinance	Yes	used for reducing/eliminating injury, loss of life, and property damage
Subdivision Ordinance	Yes	used for reducing/eliminating injury, loss of life, and property damage
Tree Trimming Ordinance	No	
Nuisance Ordinance	No	
Storm Water Ordinance	No	
Drainage Ordinance	No	
Site Plan Review Requirements	No	
Historic Preservation Ordinance	No	
Landscape Ordinance	No	

Iowa Wetlands and Riparian Areas Conservation Plan	No	
Debris Management Plan	No	
Program		
Zoning/Land Use Restrictions	Yes	used for assessing development trends
Codes Building Site/Design	Yes	used for assessing development trends
National Flood Insurance Program (NFIP) Participant - No delegated	Yes	identifying population and property in flood areas
NFIP Participant - Delegated	Yes	used for reducing/eliminating injury, loss of life, and property damage
NFIP Community Rating System (CRS) Participating Community	Yes	used for reducing/eliminating injury, loss of life, and property damage
Hazard Awareness Program	NO	
National Weather Service (NWS) Storm Ready	Yes	used for reducing/eliminating injury, loss of life, and property damage
Building Code Effectiveness Grading (BCEGs)	No	
ISO Fire Rating	yes	Used for emergency services/preparedness, risk assessment for fires
Economic Development Program	no	
Land Use Program	Yes	used for assessing development trends
Public Education/Awareness	Yes	Identifying what has been done and what needs to continue
Property Acquisition	Yes	Identifying what has been done and what needs to continue
Planning/Zoning Boards	Yes	used for assessing development trends
Stream Maintenance Program	No	
Tree Trimming Program	No	
Engineering Studies for Streams (Local/County/Regional)	No	
Mutual Aid Agreements	Yes	used for reducing/eliminating injury, loss of life, and property damage
Studies/Reports/Maps		
Hazard Analysis/Risk Assessment (Local)	Yes	used for reducing/eliminating injury, loss of life, and property damage
Hazard Analysis/Risk Assessment (County)	Yes	used for reducing/eliminating injury, loss of life, and property damage
Flood Insurance Maps	Flood Hazard Boundary Map	used for reducing/eliminating injury, loss of life, and property damage
FEMA Flood Insurance Study (Detailed)	yes	used for reducing/eliminating injury, loss of life, and property damage
Evacuation Route Map	Yes	used for reducing/eliminating injury, loss of life, and property damage
Critical Facilities Inventory	Yes	used for reducing/eliminating injury, loss of life, and property damage

Vulnerable Population Inventory	No	
Land Use Map	Yes	used for assessing development trends
Staff/Department		
Building Code Official	Yes	identifying what is in place and what needs to be improved
Building Inspector	Yes	identifying what is in place and what needs to be improved
Mapping Specialist (GIS)	Yes	INRCOG
Engineer	NO	
Development Planner	NO	
Public Works Official	Yes	used for influencing development trends, identify risks, actions
Emergency Management Coordinator	County EMA	used for influencing development trends, identify risks, actions
NFIP Floodplain Administrator	City	used for influencing development trends, identify risks, actions
Bomb and/or Arson Squad	Sheriff	used for influencing development trends, identify risks, actions
Emergency Response Team	County EMA	used for influencing development trends, identify risks, actions
Hazardous Materials Expert	NIRG	used for influencing development trends, identify risks, actions
Local Emergency Planning Committee	Yes	used for influencing development trends, identify risks, actions
County Emergency Management Commission	Yes	used for influencing development trends, identify risks, actions
Sanitation Department	Yes	used for influencing development trends, identify risks, actions
Transportation Department	INRCOG	used for influencing development trends, identify risks, actions
Economic Development Department	Contractor	used for influencing development trends, identify risks, actions
Housing Department	No	
Planning Consultant	INRCOG	used for influencing development trends, identify risks, actions
Regional Planning Agencies	INRCOG	used for influencing development trends, identify risks, actions
Historic Preservation	No	
Non-Governmental Organizations (NGOs)		
American Red Cross	Yes	used for providing services to the public
Salvation Army	Yes	used for providing services to the public
Veterans Groups	Yes	used for providing services to the public
Environmental Organization	No	
Utility Companies	Yes	used for providing services to the public
Homeowner Associations	No	
Neighborhood Associations	No	
Chamber of Commerce	No	
Community Organizations (Lions, Kiwanis, etc.)	Yes	used for providing services to the public
School District	Yes	used for providing services to the public, identification of goals and activities for school
Mental Health Institute	Yes	used for providing services to the public, risks
Other		
Local Funding Availability	no	

Assessing Vulnerability

Some hazards have different vulnerability areas, (i.e. the entire jurisdiction for tornadoes and only flood zone for river flooding.) A separate table should be filled out for each hazard if the area of vulnerability is different.

Table A5: Asset Inventory - Estimated Potential Property Losses for Aurora

Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	78	78	100%	\$2,652,678	2,652,678	100%						
Commercial	27	27	100%	\$1,483,493	1,483,493	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	1	1	100%	\$234,580	234,580	100%						
Religious/ Non-Profit	2	2	100%	\$500,000	500,000	100%						
Government	3	3	100%	\$1,300,000	1,300,000	100%						
Education	0	0	100%	NA	NA	100%						
Utilities (all)	1	1	100%	\$299,486	229,486	100%						
Total	112	112	100%	\$6,470,237	\$6,470,237	100				194	194	194

Source: City of Aurora, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value ; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Buildings, Libraries; Education Facilities; Utilities = Water and Waste Water facilities

Table 3.20: Repetitive Loss Properties for Planning Area (As of 5/31/2009)

Community	CID #	# of NFIP Policies	NFIP Insurance in Force	Total Paid Losses #	Total Payments Made	# of Repetitive Loss Properties	Repetitive Loss Payment	Target Rep. Loss Buildings
City of Aurora	190698	0	0	0	0	0	0	0
City of Brandon	190328	0	0	0	0	0	0	0
City of Fairbank	190329A	6	1,150,000	5	31,140	0	0	0
City of Hazleton	190330	0	0	0	0	0	0	0
City of Independence	190031	111	10,329,900	252	2,179,809	19	494,878	2
City of Jesup	190599	0	0	0	0	0	0	0
City of Lamont	190331	13	918,200	2	19,320	0	0	0
City of Quasqueton	190332	6	661,600	2	45,371	1	25,371	0
City of Rowley	190798	0	0	0	0	0	0	0
City of Stanley	190333	0	0	0	0	0	0	0
City of Winthrop	190690	0	0	0	0	0	0	0
Buchanan County	190848	71	8,151,700	51	617,167	6	216,929	1
TOTAL		207	21,211,400	312	2,892,807	26	737,178	3

Source: Federal Emergency Management Agency (FEMA), 7/22/09

Table B6: Asset Inventory - Estimated Potential Property Losses - Brandon

Type of Structure	Number of Structures			Value of Structures			Number of People		
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area
Residential	145	145	100%	\$8,563,709	\$8,563,709	100%			
Commercial & Industrial	6	6	100%	\$765,757	\$765,757	100%			
Agriculture	0	0	100%	0	0	100%			

Religious/ Non-Profit	1	1	100%	\$250,000	\$250,000	100%			
Government	9	9	100%	\$289,757	\$289,757	100%			
Education	0	0	100%	0	0	100%			
Utilities (all)	1	1	100%	\$1,000,000	1,000,000	100%			
Total	162	162	100%	\$10,869,223	\$10,869,223	100%	309	309	100%

Source: City of Brandon, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Buildings, Library, etc.; Education facilities; Utilities = Waste Water and Water facilities, etc.

Table B5: Floodplain Information for Brandon	
Population in Hazard Area*	35
1-4 Family Structures in Hazard Area*	15
Other Structures in Hazard Area*	8
Buildings in 100-Year Floodplain**	41
Buildings not in 100-Year Floodplain**	341
Source: FEMA, INRCOG & Buchanan County Assessor	
*Per FEMA 6/4/2009 information	
**Per INRCOG, City & County GIS Information, and FEMA Q3 flood data supplied by IDNR, 500-year floodplain includes all the 100-year floodplain	

Table C5: Fairbank Floodplain Information	
Population in Hazard Area*	1
1-4 Family Structures in Hazard Area*	1
Other Structures in Hazard Area*	5
Buildings in 100-Year Floodplain**	13
Possible Buildings in 100-Year Floodplain (no floodplain data for Fayette County)**	15
Total number of buildings within City Limits**	711
Source: FEMA, INRCOG & Buchanan County Assessor	
*Per FEMA 6/4/2009 information	

Table D5: Floodplain Information for Hazleton	
Population in Hazard Area*	12
1-4 Family Structures in Hazard Area*	4
Other Structures in Hazard Area*	1
Buildings in 100-Year Floodplain**	3
Buildings outside of 100-Year Floodplain**	607
Source: FEMA, INRCOG & Buchanan County Assessor	
*Per FEMA 6/4/2009 information	
**Per INRCOG, City & County GIS Information, and FEMA Q3 flood data supplied by IDNR, 500-year floodplain includes all the 100-year floodplain	

Table E5: Floodplain Information for Independence	
Population in Hazard Area*	568
1-4 Family Structures in Hazard Area*	147
Other Structures in Hazard Area*	39
Buildings in 100-Year Floodplain**	279
Buildings in 500-Year Floodplain**	99
Source: FEMA, INRCOG & Buchanan County Assessor	
*Per FEMA 6/4/2009 information	
**Per INRCOG, City & County GIS Information, and FEMA Q3 flood data supplied by IDNR, 500-year floodplain includes all the 100-year floodplain	

Table C6: Asset Inventory - Estimated Potential Property Losses for Fairbank

Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	282	282	100%	\$20,674,718	20,674,718	100%						
Commercial	38	38	100%	\$2,718,542	2,718,542	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	0	0	100%	0	0	100%						
Religious/ Non-Profit	6	6	100%	N/A	N/A	100%						
Government	5	5	100%	\$327,643	\$327,643	100%						
Education	1	1	100%	N/A	N/A	100%						
Utilities (all)	3	3	100%	\$244,264	\$244,264	100%						
Total	332	332	100%	\$23,670,288	\$23,670,288	100%				1,113	1,113	100%

Source: City of Fairbank, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Building, Library; Education facilities; Utilities

Table D6: Asset Inventory - Estimated Potential Property Losses - Hazleton												
Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	402	402	100%	\$12,399,690	\$12,399,690	100%						
Commercial	34	34	100%	\$4,339,289	\$4,339,289	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	0	0	100%	0	0	100%						
Religious/ Non-Profit	2	2	100%	\$500,000	\$500,000	100%						
Government	4	4	100%	\$750,000	\$750,000	100%						
Education	0	0	100%	0	0	100%						
Utilities (all)	1	1	100%	\$1,500,000	\$1,500,000	100%						
Total	443	443	100%	\$19,488,979	\$19,488,979	100%				823	823	100%

Source: City of Hazleton, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Building, Library; Education facilities; Utilities = Waste Water Treatment Facility, Water service

Table E6: Asset Inventory - Estimated Potential Property Losses - Independence												
Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	2,071	2,071	100%	\$205,392,814	\$205,392,814	100%						
Commercial	513	513	100%	\$52,715,799	\$52,715,799	100%						
Industrial	56	56	100%	\$9,038,286	\$9,038,286	100%						
Agriculture	2	2	100%	\$841,224	\$841,224	100%						
Religious/ Non-Profit	18	18	100%	\$20,000,000	\$20,000,000	100%						
Government	12	12	100%	\$100,000,000	\$100,000,000	100%						
Education	5	5	100%	\$75,000,000	\$75,000,000	100%						
Utilities (all)	11	11	100%	\$100,000,000	\$100,000,000	100%						
Total	2,688	2,688	100%	\$510,325,838	\$510,325,838	100%				6,014	6,014	100%

Source: City of Independence, County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Government = City Hall, Fire Stations, Public Works Buildings, Community Building Education; Utilities = Independence Light and Power, Waste Water Treatment Facility, City Wells (2), Lift Stations(5), Water Distribution System, Stormwater System, etc.

Table F5: Asset Inventory - Estimated Potential Property Losses for Jesup									
Type of Structure	Number of Structures			Value of Structures			Number of People		
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area
Residential	1,015	1,015	100%	\$66,262,157	\$66,262,157	100%	2,520	2,520	100%
Commercial	132	132	100%	\$11,393,675	\$11,393,675	100%			
Industrial	0	0	100%	\$4,655,705	\$4,655,705	100%			
Agriculture	n/a	n/a	100%	\$277,577	\$277,577	100%			
Religious/ Non-Profit	n/a	n/a	100%	n/a	n/a	100%			
Government	2	2	100%	\$2,500,000	\$2,500,000	100%			
Education	3	3	100%	1,500,000	1,500,000	100%			
Utilities (all)	4	4	100%	\$2,500,000	\$2,500,000	100%			
Total	1,156	1,156	100%	\$89,089,114	\$89,089,114	100%			

Source: City of Jesup, Buchanan County Assessor, and Planning Committee
Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Building, Library; Education facilities; Utilities

Table G6: Asset Inventory - Estimated Potential Property Losses for Lamont									
Type of Structure	Number of Structures			Value of Structures			Number of People		
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area
Residential	212	212	100%			100%	461	461	100%
Commercial	44	44	100%			100%			
Industrial	0	0	100%			100%			
Agriculture	0	0	100%	0	0	100%			
Religious/ Non-Profit	n/a	n/a	100%	n/a	n/a	100%			
Government	1	1	100%	\$750,000	\$750,000	100%			
Education	0	0	100%	0	0	100%			
Utilities (all)	2	2	100%	\$2,500,000	\$2,500,000	100%			
Total	259	259	100%	\$12,936,900	\$12,936,900	100%			

Source: City of Lamont, Buchanan County Assessor, and Planning Committee
Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government facilities; Education facilities; Utilities

Table H6: Asset Inventory - Estimated Potential Property Losses - Quasqueton									
Type of Structure	Number of Structures			Value of Structures			Number of People		
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area
Residential	269	269	100%	\$8,297,305	\$8,297,305	100%	554	554	100%
Commercial	51	51	100%	\$5,240,709	\$5,240,709	100%			
Industrial	0	0	100%	0	0	100%			
Agriculture	0	0	100%	0	0	100%			
Religious/ Non-Profit	1	1	100%	\$250,000	\$250,000	100%			
Government	1	1	100%	\$500,000	\$500,000	100%			
Education	0	0	100%	0	0	100%			
Utilities (all)	2	2	100%	\$1,000,000	\$1,000,000	100%			
Total	324	324	100%	\$15,288,014	\$15,288,014	100%			

Source: City of Quasqueton, Buchanan County Assessor, and Planning Committee
Notes: Residential/Commercial Value/Industrial/Agriculture = Assessed value; Government = buildings; Education = facilities; Utilities = infrastructure

Table I5: Asset Inventory - Estimated Potential Property Losses for Rowley

Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	116	116	100%	\$3,578,020	\$3,578,020	100%						
Commercial	24	24	100%	\$2,466,216	\$2,466,216	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	0	0	100%	0	0	100%						
Religious/ Non-Profit	2	2	100%	\$500,000	\$500,000	100%						
Government	1	1	100%	\$750,000	\$750,000	100%						
Education	0	0	100%	0	0	100%						
Utilities (all)	1	1	100%	\$1,000,000	\$1,000,000	100%						
Total	144	144	100%	\$8,294,236	\$8,294,236	100%				264	264	100%

Source: City of Rowley, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Building, Library; Education = facilities; Utilities = all infrastructure and facilities.

Table J6: Asset Inventory - Estimated Potential Property Losses for Stanley												
Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	49	49	100%	\$2,893,940	\$2,893,940	100%						
Commercial	8	8	100%	\$572,320	\$572,320	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	0	0	100%	0	0	100%						
Religious/ Non-Profit	1	1	100%	n/a	n/a	100%						
Government	2	2	100%	\$1,000,000	\$1,000,000	100%						
Education	0	0	100%	0	0	100%						
Utilities (all)	2	2	100%	\$1,750,000	\$1,750,000	100%						
Total	62	62	100%	\$6,216,260	\$6,216,260	100%				125	125	100%

Source: City of Stanley, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government facilities; Education facilities; Utilities = all infrastructure and facilities

Table K6: Asset Inventory - Estimated Potential Property Losses for Winthrop												
Type of Structure	Number of Structures			Value of Structures			Number of People					
	# in City	# in Hazard Area	% in Hazard Area	\$ in City	\$ in Hazard Area	% in Hazard Area	# in City	# in Hazard Area	% in Hazard Area			
Residential	342	342	100%	\$25,073,388	\$25,073,388	100%						
Commercial	49	49	100%	\$5,487,918	\$5,487,918	100%						
Industrial	0	0	100%	0	0	100%						
Agriculture	0	0	100%	0	0	100%						
Religious/ Non-Profit	1	1	100%	\$255,000	\$255,000	100%						
Government	1	1	100%	\$750,000	\$750,000	100%						
Education	2	2	100%	\$2,500,000	\$2,500,000	100%						
Utilities (all)	3	3	100%	\$4,500,000	\$4,500,000	100%						
Total	398	398	100%	\$38,566,306	\$38,566,306	100%				850	850	100%

Source: City of Winthrop, Buchanan County Assessor, and Planning Committee

Notes: Residential/Commercial Value/Industrial = Assessed value; Agriculture = Buildings and land; Government = City Hall, Fire Stations, Public Works Buildings, Community Building, Library; Education facilities; Utilities

ASSESSING CRITICAL FACILITIES

Some hazards have different vulnerability areas, (i.e. the entire jurisdiction for tornadoes and only flood zone for river flooding.) A separate table should be filled out for each hazard if the area of vulnerability is different.

Flood - River and Flash Area of vulnerability: Flood Hazard Area

Name or Description of Asset	Critical Facilities	Vulnerable Populations	Economic Assets	Social Considerations	Historic/Other Considerations	Size of Building (Sq. Ft.)	Replacement Value(\$)	Contents Value (\$)	Occupancy (#)
	X	X	X	X	X				
City Hall	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fire Station	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Community Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Emergency Operations Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
College	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
High School	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Elementary School	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Day Care Center	Unknown	Unknown	Unknown	Unknown	Unknown	N/A	N/A	N/A	N/A
Long-term Care Facility	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public Works	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Emergency Shelter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
						N/A	N/A	N/A	N/A
						N/A	N/A	N/A	N/A
						N/A	N/A	N/A	N/A

Tornado, Severe Winter Storm, Thunderstorm or Lightning, Hailstorms, Windstorms, Drought, Excessive Heat, and Earthquakes Area of vulnerability: Entire Community

Name or Description of Asset	Critical Facilities	Vulnerable Populations	Economic Assets	Social Considerations	Historic/Other Considerations	Size of Building (Sq. Ft.)	Replacement Value(\$)	Contents Value (\$)	Occupancy (#)
	X	X	X	X	X				
City Hall	X	X	X	X	Unknown	N/A	N/A	N/A	N/A
Fire Station	X	X	X	X	Unknown	N/A	N/A	N/A	N/A
Community Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Emergency Operations Center	X		X	X	Unknown	N/A	N/A	N/A	N/A
College	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
High School	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Elementary School	X	X	X	X	Unknown	N/A	N/A	N/A	N/A
Day Care Center	Unknown	Unknown	Unknown	Unknown	Unknown	N/A	N/A	N/A	N/A
Long-term Care Facility	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public Works	X	X	X	X	Unknown	N/A	N/A	N/A	N/A

Hazard Ranking (Please list the Hazard Ranking for each jurisdiction if a multi-jurisdictional plan)

Please pick from the dropdown list (a list by rank of the statewide hazards). If you determined a hazard that was not on the state list it can be typed in.

Jurisdiction name	HAZARD #1	HAZARD #2	HAZARD #3	HAZARD #4	HAZARD #5
Buchanan County	Thunderstorm and Lightning	Tornadoes	Windstorms	Windstorms	Hailstorms
Aurora	Tornadoes	Pipeline Transportation	Thunderstorm and Lightning	Windstorms	Severe Winter Storms
Brandon	Windstorms	Severe Winter Storms	Thunderstorm and Lightning	Hailstorms	Transportation Hazardous Materials
Fairbank	Highway Transportation Incident	Thunderstorm and Lightning	Windstorms	Severe Winter Storms	Pipeline Transportation Incident
Hazleton	Thunderstorm and Lightning	Tornadoes	Windstorms	Hailstorms	Severe Winter Storms
Independence	Tornadoes	Severe Winter Storms	Hailstorms	Thunderstorm and Lightning	River Flooding
Jesup	Highway Transportation Incident	Thunderstorm and Lightning	Windstorms	Tornadoes	Severe Winter Storms
Lamont	Tornadoes	Thunderstorm and Lightning	River Flooding	Flash Flood	Hailstorms
Quasqueton	Severe Winter Storms	Flash Flood	River Flooding	Windstorms	Grass or Wild-land Fire
Rowley	Thunderstorm and Lightning	Windstorms	Severe Winter Storms	Fixed Hazardous Materials	Fixed Hazardous Materials
Stanley	Flash Flood	Energy Failure	Thunderstorm and Lightning	Tornadoes	Structural Fire
Winthrop	Windstorms	Flash Flood	Terrorism	Tornadoes	Severe Winter Storms