

Mitigation Action Plan—City of Mebane

The Mitigation Action Plan for the City of Mebane is divided into two subsections:

7.1 Status of Previously Adopted Mitigation Actions

7.2 New 2015 Mitigation Actions

7.1 Status of Previously Adopted Mitigation Actions

This subsection contains all previously adopted mitigation actions for the City of Mebane.

The “2015 Status” field provides a one-word description of the status of the mitigation action. Options for this field are:

- Completed
- Completed/To Be Continued
- Partially Completed/In Progress
- Deferred
- Deleted

The “Narrative Explanation” field provides a brief (two to three sentence) written explanation of the status of the action. As examples:

- If the status is “Completed” or “Completed/To Be Continued,” the narrative explanation includes specific dates or other pertinent details providing documentation of the action’s completion. Where applicable, this also includes any notes describing how successful the action has been.
- If the status is “Partially Completed/In Progress,” the narrative explanation will explain where the project is in terms of completion and if there are any barriers to implementation, such as lack of funding.
- If the status is “Deferred” or “Deleted,” the narrative explanation will explain why the action has not been started or why the jurisdiction desires to abandon the action. An example of the type of response provided here could be, “Altered conditions due to disaster events and recovery priorities have postponed or permanently delayed the implementation of the action.” Any deleted actions will remain in this status update section until the next plan update. At that time, the action will be completely removed from the Plan.

Mitigation Action 1	Encourage builders, developers, and architects to become familiar with the National Flood Insurance Program (NFIP) land use and building standards by attending annual workshops presented by the North Carolina Division of Emergency Management (NCEM). This can be accomplished by creating a mailing list and providing it to NCEM to use for its announcements. This task can be further supported by distributing copies of NCEM's announcements from the Alamance County Inspections Department when builders and developers apply for permits.
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Goal: ¹	#6
Category:	Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff Time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	City of Mebane Planning, Zoning, and Inspections Department, in conjunction with Alamance County, can provide this information as a joint process as we continue to work together with different builders and developers.

Mitigation Action 2	Encourage citizens and businesses/industries to develop emergency preparedness plans.
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Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff Time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The City of Mebane will coordinate efforts with all major businesses as well as its current citizens in an effort to develop Emergency Preparedness Plans.

¹ The previously adopted mitigation actions for the City of Mebane did not originally correlate with the new regional mitigation goals developed as part of the 2015 plan update because the 2015 goals did not exist at the time of the last plan update. However, the new regional goals have been integrated with the previously adopted mitigation actions to bring them into the context of the new regional plan where applicable.

Mitigation Action 3	Encourage homeowners to review insurance policies as part of an overall family disaster plan.
Goal:	#7
Category:	Education and Awareness Programs
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	None
Potential Funding Sources:	Staff Time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress/Partially Completed
Narrative Explanation:	The City of Mebane works jointly with Alamance County Emergency Management encouraging all homeowners to annually review, as well as stay current on, any insurance policy practices and any changes that could affect them.

Mitigation Action 4	Increase awareness of the natural hazards potential to local officials, the general public, and private industry.
Goal:	#7
Category:	Education and Awareness Programs
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff Time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress/Partially Complete
Narrative Explanation:	The City of Mebane continually works with Alamance County Emergency Management, as well as others, to ensure the continued awareness of its citizens.

Mitigation Action 5		Maintain hazard mitigation plan and floodplain information on the County website (www.alamance-nc.com).
Goal:	#6; #7	
Category:	Education and Awareness Programs	
Hazard(s) Addressed:	All	
Lead Agency/Department Responsible:	City of Mebane	
Estimated Cost:	N/A	
Potential Funding Sources:	Staff time	
Implementation Schedule:	Within the next 12 months	
Priority (High, Moderate, Low):	Moderate	
2015 Status:	In Progress/Partially Completed	
Narrative Explanation:	The City of Mebane will install a link on the City website that will redirect citizens of Mebane to Alamance County's webpage which contains the local Hazard Mitigation Plan.	

Mitigation Action 6		Maintain shelter agreements with the American Red Cross.
Goal:	#1; #5	
Category:	Local Plans and Regulations	
Hazard(s) Addressed:	All	
Lead Agency/Department Responsible:	Alamance County; City of Mebane	
Estimated Cost:	N/A	
Potential funding sources:	General fund	
Implementation Schedule:	Over the next 5 years	
Priority (High, Moderate, Low):	Moderate	
2015 Status:	Completed	
Narrative Explanation:	Alamance County Emergency Management will be the lead entity on sheltering agreements that would affect the City of Mebane. The City would still provide any needed assistance and resources that would be feasible.	

Mitigation Action 7	Review methods of school construction to ensure that all new schools are constructed to the maximum cost feasible standards of wind resistance, flood resistance, and access so that they can be used as shelters for evacuees during and after natural hazard events.
Goal:	#4
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	n/a
Potential Funding Sources:	General fund
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	City of Mebane will review the blueprints when submitted to ensure that all new schools are shelter worthy.

Mitigation Action 8	Review the subdivision regulations and make appropriate changes to encourage alternatives to placing lots in flood-prone areas and to minimize imperious surface coverings, if necessary.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane, in conjunction with our City Engineer, Planning, Zoning, and Inspections Departments, will review all subdivision regulations and make any necessary changes to encourage alternatives to placing any lots in flood-prone areas.

Mitigation Action 9	Discourage the public and developers from developing property in flood zones.
Goal:	#1; #6
Category:	Local Plans and Regulations; Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane, in conjunction with our City Engineer, Planning, Zoning, and Inspections Departments, will review all subdivision regulations and make any necessary changes to encourage alternatives to placing any lots in flood-prone areas.

Mitigation Action 10	Look for opportunities to acquire or relocate structures vulnerable to floods.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Low
2015 Status:	Partial Completed/In Progress
Narrative Explanation:	The City of Mebane may possibly be able to relocate structures and would utilize hazard mitigation grants if possible.

Mitigation Action 11	Monitor structures affected by flood and track damages and repair costs. If damages and repair costs are high relative to the value of the structure, consider mitigation including elevation, acquisition, or floodproofing.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Low
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The City of Mebane would utilize hazard mitigation grants if possible for this action.

Mitigation Action 12	Consider adopting a policy prohibiting the development of critical public facilities in the 100-year floodplain in cases where viable alternatives exist. Presently, most critical facilities located in the floodplain are waste pump stations because they must be located at low elevations because they handle gravity flowing sewage.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane; Public Works and Planning Department
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Within next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress/Partially Completed
Narrative Explanation:	The City of Mebane, in conjunction with the Planning Department in Alamance County, will coordinate an inventory for all public facilities and will also identify which ones are within the 100-year floodplain. We will also utilize our Zoning and Inspection Departments in completing this action.

Mitigation Action 13	Consider expanding the County's Geographic Information System (GIS) capabilities to include maintaining Elevation Certificates in a computer database.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Alamance County; City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress/Partially Completed
Narrative Explanation:	City of Mebane will continue to work in conjunction with Alamance County's GIS Department with implementing this action. We have installed a link on the City's website to redirect any visitors to Alamance County's website.

Mitigation Action 14	Continue Alamance County's participation in the National Flood Insurance Program (NFIP) so citizens are eligible for flood insurance.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane participates in the NFIP to continue to ensure that the citizens of Mebane are eligible for flood insurance.

Mitigation Action 15	Develop specific regulations that prohibit dumping in the county's watersheds.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/ To Be Continued
Narrative Explanation:	The City of Mebane continues to implement and also support all regulations or laws concerning any illegal dumping into or around any of the waterways that affect the City of Mebane or Alamance County.

Mitigation Action 16	Maintain documents about flood insurance, flood protection, floodplain management, and natural and beneficial functions of floodplains at the local libraries and government offices.
Goal:	#1; #6; #7
Category:	Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane and Alamance County
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane will continue to work in partnership with Alamance County in attempting to further educate the citizens of the City in matters pertaining to any surrounding flooding issues or concerns.

Mitigation Action 17	Maintain GIS system at www.alamance-nc.com. From this site anyone from a private citizen, builder, insurance company, etc. can see if a property is located in the 1-percent-annual-chance (100-year) floodplain.
Goal:	#1; #6; #7
Category:	Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Alamance County
Estimated Cost:	None
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane has installed a link on the City's webpage to redirect citizens who may inquire to Alamance County's website.

Mitigation Action 18	Monitor recreational facilities located in the floodplain and evaluate flood resistance of county structures.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	None
Potential Funding Sources:	General fund
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Low
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane and Mebane Recreation Department will continue to monitor this Mitigation Action.

Mitigation Action 19	Monitor reservoirs, lakes, and streams for potential flooding problems and note any unexpected flooding issues.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	None
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane will continue to monitor any areas that are known to be flood-prone or have ever presented any flood risks.

Mitigation Action 20	Provide local real estate agents with handouts that will advise potential buyers to investigate the flood hazard for the property they are considering purchasing.
Goal:	#6
Category:	Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	None
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Low
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane will continue to work in conjunction with Alamance County on this action. The City of Mebane does currently provide handouts to local real estate agents.

Mitigation Action 21	Educate citizens to listen for the watches and warnings issued by the National Weather Service.
Goal:	#6
Category:	Education and Awareness Programs
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	Unknown
Potential Funding Sources:	General fund
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane will continue to utilize its Code Red Emergency Alert system to alert the citizens that are located inside the city limits of Mebane. The City of Mebane will start to utilize Nixle for the citizens which lie in the area outside of the city limits of Mebane but inside of Mebane's fire district. This is the same emergency alert system that Alamance County utilizes.

Mitigation Action 22	Review all fire districts coverage to ensure that there are adequate quantities of water for firefighting purposes and that all water points are maintained on a regular basis.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Fire/Wildfire
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	On going
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane, in conjunction with Alamance County, continues to work jointly with the Alamance County Fire Marshal's Office to ensure state compliance well.

Mitigation Action 23	Meet annually with State Forester for Alamance County to improve coordination of wildfire control and response.
Goal:	#3
Category:	Education and Awareness Programs; Natural Systems Protection
Hazard(s) Addressed:	Wildfire
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Annually
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane is an active member of the Alamance County Emergency Services Association. The North Carolina Forestry Service meets annually with the association in reference to wildfire responses to whatever the weather may dictate.

Mitigation Action 24	Coordinate with the North Carolina Department of Transportation (NCDOT) to maintain adequate and effective snow and ice removal plans by the towns/cities and NCDOT. "Adequate" means that all major thoroughfares are cleared and remain clear within 12 hours of last snowfall.
Goal:	#1; #3
Category:	Local Plans and Regulations
Hazard(s) Addressed:	Winter Weather
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	Unknown
Potential Funding Sources:	General fund
Implementation Schedule:	As needed, depending on weather situations
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The City of Mebane's Public Works Department works in conjunction with NCDOT in completing this Mitigation Action.

Mitigation Action 25	When the county land use plan is complete, create a land use map with an overlay of flood hazards and any other natural hazards that can be mapped.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	City of Mebane
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	City of Mebane will continue to work with the GIS Department of Alamance County to provide any data that may be needed for this action.

7.2 New 2015 Mitigation Actions

This subsection contains the new mitigation actions for the City of Mebane for the 2015-2020 planning cycle. These actions are in addition to any actions that are ongoing from the previous list of mitigation items.

Mitigation Action 1	
Goal:	
Category:	
Hazard(s) Addressed:	
Lead Agency/Department Responsible:	
Estimated Cost:	
Potential Funding Sources:	
Implementation Schedule:	
Priority (High, Moderate, Low):	

Mitigation Action 2	
Goal:	
Category:	
Hazard(s) Addressed:	
Lead Agency/Department Responsible:	
Estimated Cost:	
Potential Funding Sources:	
Implementation Schedule:	
Priority (High, Moderate, Low):	

Mitigation Action 3	
Goal:	
Category:	
Hazard(s) Addressed:	
Lead Agency/Department Responsible:	
Estimated Cost:	
Potential Funding Sources:	
Implementation Schedule:	
Priority (High, Moderate, Low):	