

Mitigation Action Plan—Town of Haw River

The Mitigation Action Plan for the Town of Haw River 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 Town of Haw River.

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.
Goal: ¹	#6
Category:	Education and Awareness Programs
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	N/A
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The Town of Haw River in conjunction with Alamance County can provide this information as a joint process as they continue to work together in their respective Inspections Departments with builders and developers.

Mitigation Action 2	Encourage citizens and businesses/industries to develop emergency preparedness plans.
Goal:	#1
Category:	Local Plans and Regulations
Hazard(s) Addressed:	All
Lead Agency/Department Responsible:	Town of Haw River
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
Narrative Explanation:	The Town will continue to coordinate efforts with its major businesses as well as its citizens to encourage developing these plans.

¹ The previously adopted mitigation actions for the Town of Haw River 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:	Town of Haw River
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
Narrative Explanation:	The Town of Haw River currently works jointly with Alamance County EM in encouraging homeowners to review as well as stay current on any insurance policy practices and 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:	Town of Haw River
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
Narrative Explanation:	The Town works with local EM as well as others to ensure 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:	Town of Haw River	
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	
Narrative Explanation:	The Town of Haw River can install a link on the Town webpage that will alert citizens to 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	
Estimated Cost:	N/A	
Potential Funding Sources:	N/A	
Implementation Schedule:	Over the next 5 years	
Priority (High, Moderate, Low):	Moderate	
2015 Status:	Completed	
Narrative Explanation:	Alamance County EM takes the lead on sheltering agreements that affect the Town of Haw River with the Town providing any needed assistance/resources within its means.	

Mitigation Action 7	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:	Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed
Narrative Explanation:	The Town of Haw River has adopted the Flood Damage Prevention Ordinance.

Mitigation Action 8	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:	Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed
Narrative Explanation:	The Town's review/inspection process in conjunction with Alamance County prevents developers from building in flood-prone zones/areas.

Mitigation Action 9	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:	Town of Haw River Public Works Department and Planning Department
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Within the next 24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress
Narrative Explanation:	The Town will coordinate an inventory for all public facilities and identify which are within the 100-year floodplain. This is also conducted in conjunction with the Alamance County Planning Department.

Mitigation Action 10	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 GIS Department
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Within the next 24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress
Narrative Explanation:	The Town of Haw River continues to work in conjunction with Alamance County GIS Department with implementing this.

Mitigation Action 11	Continue Town of Haw River'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:	Town of Haw River
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 Town of Haw River participates in the NFIP to ensure that its citizens are eligible for flood insurance.

Mitigation Action 12	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:	Alamance County Planning Department
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
Narrative Explanation:	The Town of Haw River actively implements/supports any regulations or laws concerning illegal dumping into any of the waterways that affect the town or county.

Mitigation Action 13	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:	Both-Alamance County and Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Within the next 24-36 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress
Narrative Explanation:	The Town will continue to work jointly with the County in attempting to further educate the public in matters pertaining to flooding issues.

Mitigation Action 14	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:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Within the next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The Town of Haw River can possibly put a link in the future on the Town website to the County's GIS.

Mitigation Action 15	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:	Town of Haw River Public Works Department
Estimated Cost:	N/A
Potential Funding Sources:	Unknown
Implementation Schedule:	Within the next 36 months
Priority (High, Moderate, Low):	Low
2015 Status:	In Progress
Narrative Explanation:	Haw River Public Works Department can continue to monitor this.

Mitigation Action 16	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:	Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress
Narrative Explanation:	Since the town is located on the Haw River, monitoring of the river will continue for any potential flood risks within its area.

Mitigation Action 17	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:	Town of Haw River
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
Narrative Explanation:	The Town works in conjunction with Alamance County in using its Internet alert system, Nixle, and identifying ways citizens to participate in its implementation as well as utilizing local media, etc.

Mitigation Action 18	Review Haw River fire district 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:	Town of Haw River Fire Department
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/To Be Continued
Narrative Explanation:	The Town of Haw River Fire Department ensures this action and works in conjunction with the County Fire Marshal's Office to ensure State compliance as well.

Mitigation Action 19	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:	Town of Haw River Fire Department
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 Haw River Fire Department is an active participant in the Alamance County Emergency Services Association and State/Local Forestry meets annually with the association in reference to wildfire responses for the upcoming year, especially in terms of weather conditions.

Mitigation Action 20	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:	Town of Haw River Public Works Department
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 Town's Public Works Department works diligently with NCDOT on this.

Mitigation Action 21	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:	Town of Haw River
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Within the next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	Continue to assist/provide data for Alamance County GIS Department.

7.2 New 2015 Mitigation Actions

This subsection contains the new mitigation actions for the Town of Haw River 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):	