

Mitigation Action Plan—Town of Elon

The Mitigation Action Plan for the Town of Elon 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 Elon.

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 Elon
Estimated Cost:	Unknown
Potential Funding Sources:	General staff time
Implementation Schedule:	Within the next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	Both Alamance County and the Town of Elon can provide this information during the Town's Technical Review Committee process. The Town of Elon can directly provide this information to the institutions with the most development activity, such as Elon University, Twin Lakes, and Blakey Hall. A link to the Flood Damage Prevention Ordinance has been placed on the Town's website.

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 Elon
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Within the next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The Town will coordinate efforts to meet with major institutions and businesses (Elon University, Twin Lakes, Blakey Hall, Labcorp, Carolina Biological, Sunoco, Engineering Systems) to encourage developing these plans.

¹ The previously adopted mitigation actions for the Town of Elon 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 Elon
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 Town of Elon is currently working on an Emergency Preparedness page on the Town website. This information can be added to this new pageto help inform town residents.

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 Elon
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:	This can be incorporated into the Town's new Emergency Preparedness page on the Town website and a link can be added to the Alamance County Emergency Preparedness webpage.

Mitigation Action 5		Maintain hazard mitigation plan and floodplain information on the Town's website (www.elonnc.com).
Goal:	#6; #7	
Category:	Education and Awareness Programs	
Hazard(s) Addressed:	All	
Lead Agency/Department Responsible:	Town of Elon	
Estimated Cost:	N/A	
Potential Funding Sources:	Staff time	
Implementation Schedule:	Within the next 12 months	
Priority (High, Moderate, Low):	Moderate	
2015 Status:	Partially Completed/In Progress	
Narrative Explanation:	The Town of Elon can install a link on its new Emergency Preparedness webpage to the Hazard Mitigation Plan, NFIP website, and the Flood Damage Prevention Ordinance (already in the Planning Departments Documents for download).	

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; Town of Elon	
Estimated Cost:	N/A	
Potential Funding Sources:	General fund	
Implementation Schedule:	Currently maintained	
Priority (High, Moderate, Low):	Moderate	
2015 Status:	Completed/To Be Continued	
Narrative Explanation:	The Town of Elon can provide a link on its website for this information.	

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:	Alamance County; Town of Elon
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:	Alamance County Inspections Department performs this action for the Town of Elon.

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:	Town of Elon
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:	The Town of Elon has adopted the Flood Damage Prevention Ordinance, Phase II NPDES Stormwater Regulations, and the Jordan Lake Riparian Buffer Ordinance.

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:	Town of Elon
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:	Already implemented through the Town's TRC review process and building permits.

Mitigation Action 10	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 Elon Public Works Department and Planning Department
Estimated Cost:	Unknown
Potential Funding Sources:	General fund
Implementation Schedule:	Within the next 12-24 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The two departments need to coordinate an inventory for all public facilities and identify which facilities are within the 100-year floodplain.

Mitigation Action 11	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; Town of Elon
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 Elon will continue to work with the Alamance County GIS Department on implementing this.

Mitigation Action 12	Continue Town of Elon'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 Elon
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:	The Town currently participates in the NFIP.

Mitigation Action 13	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/Town of Elon
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:	This could also be covered under the Town of Elon's illicit discharge ordinance as well. This can be found in the Phase II NPDES Stormwater regulations.

Mitigation Action 14	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:	Town of Elon/Alamance County
Estimated Cost:	N/A
Potential Funding Sources:	General fund balance
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Completed/In Progress
Narrative Explanation:	The Town of Elon is the FEMA repository for all related documents within its jurisdiction. Also, the Town works closely with Alamance County concerning flooding issues.

Mitigation Action 15	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:	Staff time
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	Can possibly put a future link on the Town's website to the County's GIS.

Mitigation Action 16	Monitor recreational facilities located in the floodplain and evaluate flood resistance of town structures.
Goal:	#4
Category:	Structure and Infrastructure Projects
Hazard(s) Addressed:	Flood
Lead Agency/Department Responsible:	Town of Elon Public Works Department
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	In Progress
Narrative Explanation:	The Town of Elon Public Works Department can continue to monitor this.

Mitigation Action 17	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 Elon; 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/To Be Continued
Narrative Explanation:	Both the Town and the County will continue to monitor any potential flood risks within the area.

Mitigation Action 18	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:	Town of Elon
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Within the next 12 months
Priority (High, Moderate, Low):	Low
2015 Status:	In Progress
Narrative Explanation:	The Town can provide links to the county GIS and NC FRIS website.

Mitigation Action 19	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 Elon
Estimated Cost:	N/A
Potential Funding Sources:	Staff time
Implementation Schedule:	Within the next 12-18 months
Priority (High, Moderate, Low):	Moderate
2015 Status:	Partially Complete/In Progress
Narrative Explanation:	The Town can contact Alamance County about its Internet alert system Nixle, and how to participate so that Town residents can use as well. This would include adding a link to it on the Town's website.

Mitigation Action 20	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:	Alamance County; Town of Elon Fire Department
Estimated Cost:	N/A
Potential Funding Sources:	N/A
Implementation Schedule:	Over the next 5 years
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	Alamance County will continue to coordinate with the Town of Elon Fire Department on this.

Mitigation Action 21	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:	Alamance County; Town of Elon Fire Department
Estimated Cost:	N/A
Potential Funding Sources:	None
Implementation Schedule:	Yearly
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	Alamance County will continue to coordinate with the Town of Elon Fire Department on this.

Mitigation Action 22	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 Elon
Estimated Cost:	unknown
Potential Funding Sources:	General fund
Implementation Schedule:	As winter weather impacts the area
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	The Town's Public Works Department will continue to work with NCDOT on this.

Mitigation Action 23	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 Elon
Estimated Cost:	N/A
Potential Funding Sources:	General fund
Implementation Schedule:	Completed
Priority (High, Moderate, Low):	Moderate
2015 Status:	Completed/To Be Continued
Narrative Explanation:	Continue to help provide data for Alamance County GIS system.

7.2 New 2015 Mitigation Actions

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