

## Subsection 9

### Hazard Mitigation Plan for the Town of Staley:

**Community Profile:** The Town of Staley is located at the western edge of the County and has a population of 353 persons. It has more than doubled its size in the last ten years, but is not considered a potential high growth area. The Town of Staley has very limited capability to mitigate against natural disasters. Staley does have a Planning and Zoning Board which utilizes consultants for enforcement. Police, fire and rescue services for the Town are provided by Randolph County government. Staley does not have a water supply system. Residents' water and wastewater needs depend on individual wells and septic systems. The median house value is below the state average. Residents of Staley are largely homeowners. The population density of Staley is significantly below state average.

#### 1. Statement of the Problem:

There are no hazardous geographical areas within the Town limits.

The Town of Staley is vulnerable to Countywide hazards such as high wind events (e.g., severe thunderstorms, tropical and extra tropical systems), and snow and ice events.

High wind events are highly likely to bring winds of between 38 and 73 miles per hour with winds of 74 to 100 mph possible. Tornadoes are possible with a probable intensity of F1 on the Fujita Pearson scale, which means wind speeds of 73-110 miles per hour (Category 1 hurricane winds on the Saffir Simpson scale.) Additionally, these high wind events are likely to carry with them the high probability of flash flooding, as well as lightning and hail.

Vulnerability to ice and snow storms are Countywide and will result in continued wide spread power outages, downed trees and limbs, as well as potential structure and building damage from falling trees and branches, or accumulation of snow on rooftops not designed to handle the snow load.

#### ***Repetitive Loss Structures:***

The Town of Staley has no recorded repetitive loss structures.

#### ***Local Government Capability:***

The Town of Staley has developed a zoning ordinance and has a Planning and Zoning Board which utilizes consultants for enforcement. Staley does not employ a planner.

## 2. Hazard Mitigation Goals

The goals serve as the basis for development of the more specific plan objectives and hazard mitigation activities. The Town of Staley has adopted the following goals which are broad policy statements aimed at guiding and directing future activity so that persons, property, government, and infrastructure are protected from the impacts of natural hazards:

1. To enhance local government capability to lessen the impacts of all natural hazards;
2. To identify and protect critical services, buildings, facilities and infrastructure at risk of damage due to natural hazards;
3. To develop an effective public awareness/education/outreach program for natural hazards the County and municipalities are most likely to experience;
4. To protect persons and property, as well as reduce damage and loss to existing community assets; and
5. To ensure disaster resistant future development.

## 3. Hazard Mitigation Strategies for Staley

In the following pages, mitigation actions for Staley are listed and assigned specific implementation measures which include the assignment of responsibilities to local government departments and/or specific staff, along with the time frame for completion for each proposed mitigation action. When applicable, potential funding sources were also listed.

**GOAL 1: To enhance local government capability to lessen the impacts of all natural hazards.**

**Background:** Staley has a planning board and has a zoning ordinance in place for the town.

**Objective:**

1.1 Build local capacity for land use planning.

Strategy	Project or Policy	Hazard Targeted	Funding	Lead Department(s)
1A	Adopt a flood prevention ordinance	Flood	Local	Town Council

**GOAL 2: To identify and protect critical services, buildings, facilities and infrastructure.**

**Background:** The Town of Staley does not have critical facilities in hazard prone areas.

**Objective:**

2.1 To ensure a continuous power supply for critical facilities and services during and after an ice/snow storm.

Strategy	Project or Policy	Hazard Targeted	Funding	Lead Department(s)
2A	Evaluate generators and fuel needs to supply alternative sources of power	Multi-hazard	Local	Town Council

**GOAL 3: To develop an effective public awareness/education/outreach program for natural hazards the County and municipalities are most likely to experience.**

**Background:**

Currently the Town does not have a formal outreach program for hazard mitigation or hazard awareness.

Strategy	Project or Policy	Hazard Targeted	Funding	Lead Department(s)
3A	Educate and inform local government and elected officials (decision makers) of the need to consider hazard mitigation in policy and budgetary planning and decision making processes.	Multi-hazard	Local	Town Council

**GOAL 4: To protect persons and property and reduce damage and loss to existing community assets.**

**Background:** Staley will benefit from the County 911 reverse call system for warning specific areas under threat from a natural hazard.

**Objective:**

4.1 To identify vulnerable populations and provide emergency shelter.

Strategy	Project or Policy	Hazard Targeted	Funding	Lead Department(s)
4A	Identify and designate at least one emergency shelter in each municipality	Multi-hazard	Local	Town Council/ County EM
4B	Develop program to clear debris from culverts and storm drains in priority floodplains.	Flood	Local	Contract with Volunteer Fire Department
4C	Strengthen mobile home/manufactured home anchoring requirements	High wind events	Local	Planning and Zoning Ordinance

**GOAL 5: To ensure disaster resistant future development**

**Background:** The Town of Staley is building capacity for land use planning.

**Objectives:**

- 5.1 To protect future development from the impacts of natural hazards
- 5.2 To regulate future development to prevent damages and losses from natural hazard events

Strategy	Project or Policy	Hazard Targeted	Funding	Lead Department(s)
5A	Wherever possible preserve natural wetlands, designate conservation corridors, especially along streams through acquisition or conservation easements.	Multi-hazard	Local	Planning and Zoning Ordinance

#### 4. Implementation

Plan implementation will start from the time that it is adopted. Work has already started on several of the mitigation strategies identified in the Mitigation Strategies section. Each Town Department will be responsible for pursuing the development of policies, programs, ordinance revisions, and regulations as they are assigned.

The Town of Staley will create a process to incorporate requirements in this hazard mitigation plan into the floodplain ordinance, subdivision ordinance and zoning activities. During the planning process for all new and updated local planning documents, such as a land development plan, comprehensive plan, or capital improvement plan, the Town Clerk will provide a copy of the hazard mitigation plan to each member of the planning team. The Town Clerk will ensure that all goals and strategies of new and updated local planning documents are consistent with the hazard mitigation plan and will not contribute to increased hazards in the jurisdiction.

A process for prioritization of identified hazard mitigation strategies was performed. The hazard mitigation planning team used the following criteria for prioritization of strategies:

1. Cost-benefit review;
2. Results of vulnerability assessment;
3. Results of hazard identification and analysis;
4. Results of capability assessment; and
5. Effectiveness in meeting hazard mitigation goals.

The results of the capability assessment as well as the cost-benefit review were given special emphasis. The prioritization of the strategies is designated through listing them as high, moderate or low priority. Time frames have been categorized as short-term and long-term. Short-term strategies are those that can be implemented within existing resources and authorities and should be completed within a time frame of 6 months to 2 years. Short-term activities are

generally a higher priority and include those activities that should be implemented immediately following the adoption of this plan. Long-term strategies may require new or additional resources or authorities and should be organized to begin implementation within a timeframe of 3 - 5 years.

Table 1: Priority of Implementation

Priority	Strategy#	New (N) Continuation (C) Amendment (A)	Ongoing (no end date)	Short Term (resources, and authority available now)	Long Term (resources or authority currently not available)
High	1A	C	X		
Moderate	2A	C	X	X	
High	3A	C	X	X	
High	4A	C	X	X	
High	4B	C	X	X	
Low	4C	C	X	X	
Low	5A	C	X	X	

### 5. Monitoring, Evaluating, and Reporting Progress

The evaluation form in Appendix D will be used by County staff to begin the evaluation process. The base year statistics used in calculating progress will be the year prior to each five-year cycle. This form will be completed and submitted to the County Hazard Mitigation Taskforce, as well as all City and Town Managers (where there is no Town Manager the form will be sent to the Town Clerk).

The Town Clerk (and others at the discretion of the Town Council) will convene annually to review the County evaluation form, evaluate Subsection 9: Town of Staley of the plan for effectiveness, and make recommendations for revision or amendment as necessary.

The Taskforce will then prepare an evaluation report summarizing the progress of the plan. The evaluation and progress report should consider the following questions.

- Have lead agencies participated as originally proposed?
- Have outcomes been adequate?
- What problems have occurred in the implementation process?
- Have members of the public been adequately involved?

The report will include:

- The status of benchmarks and indicators;
- Difficulties or impediments during implementation;
- Changes in County priorities; and
- Recommendations for changes, revisions, or amendments to the plan.

In addition to the annual review, the Town Clerk (and others at the discretion of the Town Council) will review and update the plan after any *presidential disaster declaration* for the Town of Staley.

## **6. Revisions and Updates:**

After completion of the evaluation report the Taskforce will present the findings with recommendations for updates and revision to the City Council for amendment to Subsection 9: Hazard Mitigation Plan for the Town of Staley. As updates occur, the date, reason and responsible party should be noted. Updates or revisions which affect the plan as a whole or impacts any other jurisdiction(s) will require a presentation of findings and recommendations to, and ultimate adoption by, those jurisdictions' commissioners or council members.

When changes to any part of this plan entail substantial budgetary considerations, the revisions or amended plan must be submitted to the NCDEM and FEMA for review.

At the end of every five-year cycle, the Randolph County Hazard Mitigation Taskforce will convene a Planning Committee with representatives from each jurisdiction in the County. The Committee will review and update the hazard profile, vulnerability assessment and local capability section and submit these to the County Manager and all City and Town Managers (where there is no town manager, the town clerk) for their review, and subsequent adoption by the County Commissioners and City/Town Councils.

## **7. Continued Public Involvement**

To facilitate continued public involvement in the planning process:

- The public will be invited to participate in the annual review of the plan.
- Copies of the plan will be kept on hand at the public library and at the Town Hall. The plan will have a contact address, email address, and phone number of the person responsible for keeping track of public comments on the plan.

- The plan will be available on the Randolph County Website, and will contain an email address and phone number the public can use for submitting comments and concerns about the plan.

## 8. List of Changes made to Subsection 9 for 2009 Plan Update

### Non-page specific changes:

- Correct capitalization of County since any reference to County in this document refers to Randolph County.
- Correct capitalization of State since any reference to State in this document refers to the State of North Carolina.
- Correct capitalization of Town since any reference to Town in this document refers to the Town of Staley.
- Correct spacing at the end of sentences from two spaces to one space as is now common with desktop publishing.
- Correct grammatical and punctuation errors from the original document.
- Where goals or strategies have been removed or added, the goals or strategies have been renumbered to reflect the changes made.

### Page S9.1:

- Corrected population of Town due to updated Census data. Corrected the number of Town Commissioners.
- Included the Planning and Zoning Board since the Town adopted zoning since the previous Plan was adopted.
- Updated the Local Government Capability section to reflect the adoption of Town wide zoning since the previous Plan was adopted.

### Page S9.3:

- Goal 1 background was changed to reflect the adoption of zoning and the creation of a Planning and Zoning Board for the Town.
- Strategies for Goal 1 were updated as follows:
  - **STRATEGY 1A**  
This strategy was updated to reflect the fact that it is the Town Council, not the Town Clerk, given the authority to adopt ordinances such as the Flood Prevention Ordinance.
  - **STRATEGY 1B**  
This strategy was removed from the Plan since it is currently handled by the County Emergency Management and Planning Department.

- **STRATEGY 1C**  
This strategy was removed from the Plan since the Town currently has no flood prone areas in the current jurisdiction.
- Strategy for Goal 2 was updated as follows:
  - **STRATEGY 2**  
This strategy was updated to reflect the fact that it is the Town Council, not the Town Clerk, given the authority to expend funds. It should be noted that the Town has entered into a contract with a local fire department for the use of their generator should the need arise.

Page S9.4:

- Strategy for Goal 3 was updated as follows:
  - **STRATEGY 3**  
This strategy was updated to reflect the fact that the Town does not employ a Town Manager. It should be noted that three Town Council members have completed the ICS-402 class and are currently certified.
- Strategies for Goal 4 were updated as follows:
  - **STRATEGY 4A**  
This strategy was updated to reflect the fact that the Town does not employ a Town Manager.
  - **STRATEGY 4B**  
This strategy was removed from the Plan since it is a function of the County Emergency Management Department.
  - **STRATEGY 4C**  
This strategy was updated to reflect the contract between the Town and a volunteer fire department for the clearing of debris.
  - **STRATEGY 4D**  
Strategy was amended to reflect that this is now being accomplished through the adopted Planning and Zoning Ordinance for the Town.

Page S9.5:

- The Town adopted a Land Use Plan in September, 2003.
- Strategies for Goal 5 were updated as follows:
  - **STRATEGY 5A**  
This strategy was removed from the Plan since it applies to the County.