



# The Cliffside VFD Community Wildfire Protection Plan

## AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 12/13/2012

**Prepared By:** Doug Thompson  
**Organization:** North Carolina Forest Service

**Contact Information:**

**Address:** 519 Airport Road  
Rutherfordton, NC 28139  
**Phone:** 828-286-9201  
**E-Mail:** larry.thompson@ncagr.gov  
**Fax:**

**DOI Name:** CLIFFSIDE FD  
**DOI Number:** NC10095158

This plan is a collaborative effort between various entities. The signing representatives listed in this plan comprise the core decision-making team responsible for this report and mutually agree on the plan's contents and are committed to act on its recommendations. The objectives are to set clear priorities for the implementation of wildfire mitigation in this fire district. This includes prioritized recommendations for the fire district as a whole and also for community members where appropriate.

**CWPP Signature Page(s)**

**Fire Department Representative**

**Name:** Drew Brown  
**Address:** 4600 US Hwy 221A  
Cliffside, NC 28024

**Phone Number:**

**E-Mail:**

**Signature:** \_\_\_\_\_ Signed? Yes

**County Fire Marshal**

**Name:** Roger Hollifield  
**Address:** 6306 Bostic/Sunshine Highway  
Bostic, NC 28018

**Phone Number:** 828-245-1935

**E-Mail:**

**Signature:** \_\_\_\_\_ Signed? Yes

**North Carolina Forest Service**

**Name:** Doug Thompson  
**Address:** 519 Airport Road  
Rutherfordton, NC 28139

**Phone Number:** 828-286-9201

**E-Mail:** larry.thompson@ncagr.gov

**Signature:** \_\_\_\_\_ Signed? Yes

North Carolina Community Wildfire Protection Plan

The following federal and other interested parties were consulted and involved in the preparation of this report.

<u>Name</u>	<u>Organization</u>
<u>Mutual Aid</u>	
<u>Number</u>	<u>Name</u>
NC10178160	ELLENBORO FD
NC10096070	SANDYMUSH FD

## PLAN CONTENTS

- 1) Fire District, History and Pre-Attack Information
- 2) Fire District Base Map and Other Visual Aids
- 3) Recommendations and Action Items
- 4) Additional Comments
- 5) Attachments

## Cliffside VFD

### 1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

#### A. PRIMARY FIRE STATION:

**County:** Rutherford **County ID Number:** 081  
**Name:** Cliffside Area Fire Dept  
**Latitude:** 35.23203 **Longitude:** -81.77031  
**Street:** 4600 US Hwy 221A  
**City:** Cliffside **State:** NC **Zip Code:** 28024  
**Mailing Address (if different):** PO Box 673  
**City:** Cliffside **State:** NC **Zip Code:** 28024  
**Phone Number:** **Fax Number:**  
**Email Address:**  
**Ground Directions:** 221A Hwy, South of Forest City approx. 3.5 miles before state line.

#### B. RESOURCE CAPACITY:

##### PERSONNEL

<b>Number of Paid Firefighters:</b>	1	<b>Number of Volunteer Firefighters:</b>	30
<b>Number Trained in Wildland Fire:</b>	10	<b>Number Trained in Fire Prevention:</b>	0
<b>Number Trained in Hazard Assessment:</b>	0	<b>Number of Pick Up Firefighters (if Applicable):</b>	0

##### EQUIPMENT

Apparatus Type	Description	Quantity
Engine Type 1	1810,1816	2
Engine Type 3	1811, 1812, 1815, 1822	4
Engine Type 6	1820, 1823	2

#### A. PRIMARY FIRE STATION:

**County:** Rutherford **County ID Number:** 081  
**Name:** Cliffside Substation  
**Latitude:** 35.25903 **Longitude:** -81.78039  
**Street:** 3352 Hwy 221A  
**City:** Forest City **State:** NC **Zip Code:** 28043  
**Mailing Address (if different):**  
**City:** **State:** **Zip Code:**  
**Phone Number:** **Fax Number:**  
**Email Address:**  
**Ground Directions:** hwy 221a south toward SC station will be on the right, befor Cone Mills.

#### B. RESOURCE CAPACITY:

##### PERSONNEL

<b>Number of Paid Firefighters:</b>	0	<b>Number of Volunteer Firefighters:</b>	20
<b>Number Trained in Wildland Fire:</b>	5	<b>Number Trained in Fire Prevention:</b>	0
<b>Number Trained in Hazard Assessment:</b>	0	<b>Number of Pick Up Firefighters (if Applicable):</b>	0

##### EQUIPMENT

Apparatus Type	Description	Quantity
Engine Type 1	1814	1
Engine Type 6	1821	1

**C. INCIDENT PLANS AND INTELLIGENCE**

**INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)**

1 **Staging Area:** cone plant  
**Latitude:** 35.25910 **Longitude:** -81.78020  
**Street Address:** hwy 221a  
**City:** forest city **State:** NC **Zip Code:** 28043  
**Paved Parking Acres:** 2 **Unpaved Parking Acres:** 0 **Entrances:** 1  
**# Buildings:** 2 **Indoor Square Footage:** 0  
 **Utilities (Water/Sewer)**  **Telephone Service**  **Internet Service**  
**Ground Directions:** from hwy 74 take 221a south 5-8miles  
**Comments:**

---

1 **Nearest Medical Facility:** Rutherford Hospital  
**Latitude:** 35.36234 **Longitude:** -81.96616 **Phone Number:** 828-286-5000  
**Street Address:** 288 South Ridgecrest  
**City:** Rutherfordton **State:** NC **Zip Code:** 28139  
**Trauma Center Level:** NA  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** Hwy 221 to N. Washington st and turn on to Maple St. Hospital will be at the end of the road

---

2 **Nearest Medical Facility:** Carolina Medical Center - Charlotte  
**Latitude:** 35.20395 **Longitude:** -80.83908 **Phone Number:** 704-355-2000  
**Street Address:** 1000 Blythe Boulevard  
**City:** Charlotte **State:** NC **Zip Code:** 28203  
**Trauma Center Level:** I  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** From Harrisburg, head south on NC 49. Turn right to merge onto E WT Harris Blvd. Turn right.

---

3 **Nearest Medical Facility:** Wake Forest Baptist Medical Center  
**Latitude:** 36.09017 **Longitude:** -80.27126 **Phone Number:** 336-716-2255  
**Street Address:** 131 Miller Street  
**City:** Winston-Salem **State:** NC **Zip Code:** 27517  
**Trauma Center Level:** I  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** Just south of Hwy 421/I-40-Business in Winston-Salem.

---

**VEHICLE ACCESS**

**Roads Paved (Percentage):** 75 - 99%  
**Average Road Grade:** 0 - 9%  
**Maximum Road Grade:** 10 - 19%  
**Maximum time to provide fire services to community:** 10 - 14 Minutes

**AVIATION**

**Airport**

**Three Letter Designation**

**RUTHERFORD CO - MARCHMAN FIELD**

FQD

**Manager:**

**Latitude:** 35.42820    **Longitude:** -81.93510    **Has Fuel: Jet A**    **Has Fuel: Aviation Gasoline**

**CTAF/UNICOM:** CTAF/UNICOM: 122.8    **Elevation:** 1,077 ft

**Runway: Length** 5,000 ft    **Width** 100 ft    **Surface Type** Paved

**Ground Directions:**

**HELICOPTER LANDING ZONES**

**1 Helispot:** Cliffside substation    **Capacity:** Type 1 - 3

**Latitude:** 35.25919    **Longitude:** -81.78011

**Ground Directions:** take hwy 221a south to the cone plant the substation will be beside it.

**Comments:**

**WATER RESOURCES**

**Percent of Fire District in reach of hydrants or connected to county water:** 50 - 74%

**1 Water Source:** broad river

**Contact Telephone:**

**Uses:** **Ground:** True    **Helicopter:** True    **Fixed-Wing Use:** False

**Type:** River/Stream    **Water Source Access:** Private (Restricted)

**Latitude:** 35.23749    **Longitude:** -81.76771

**Ground Directions:** Hwy 221a south 1mile before Cliffside FD

**Comments:**

**D. COMMUNITY INFORMATION**

**FIRE DISTRICT SIZE & DEMOGRAPHICS**

**Estimated Acres:** 18,000    **Number of Lots:** 900

**Number of Structures:** 800    **Percentage Residential:** 90 %

**Estimated Population Growth (next 30 Years):** Average

**Majority Population is Full-Time:** True    **If NOT Full Time please indicate what Percentage of Population is part-time**

**HAZARD ASSESSMENT RATING (from NFPA 1144):** Low

**WILDFIRE HISTORY & FUEL TYPE**

**Relative Frequency:** Normal 5-7 fires on an average year

**Common Causes:** Debris burning

**Area of Future Concern:** none

**Additional Comments:** some steep slopes and heavy fuels

**Dominant Vegetation (Fuel Type):** Closed Timber Litter

**Dominant Building Construction Type:** wood frame and asphalt shingles

**Wildfire History or Fuel Type Notes:** a higher rate of incendiary problems than other districts.

**2) FIRE DISTRICT BASE MAP AND OTHER VISUALS**

# North Carolina Community Wildfire Protection Plan

Minimally should include fire district boundary, major roads, fire Stations, ICPS, staging areas, medical facilities, helispots, water resources, and local, state, and federal ownership boundaries on the base map. May want to include: major land marks, police stations, evacuations routes, forest service offices, and large forest land parcel boundaries. Attach or insert community base map and other visuals.

## 3) RECOMMEDATIONS AND ACTION ITEMS

### A. FUEL MITIGATION SITES

**1 Project Name:** State line Rd @ RxR

**Acres:** 81

**Latitude:** 35.19438 **Longitude:** -81.83224

**Landowner Name:** HUGHES, CONNOR B

**Planning Office:** NCFS

**Dominant Fuel Type:** Closed Timber Litter

**Risks:** Rolling Terrine with structures adjacent and a rail road running along the back side. this area has very little access and has had a history of wildfire.

#### Mitigation Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
establish fire lines and perform a controlled burn	3/30/2020		CWPP	NCFS

**Notes:**

---

**2 Project Name:** ferree rd

**Acres:** 60

**Latitude:** 35.29078 **Longitude:** -81.78510

**Landowner Name:** carol edwards jr.

**Planning Office:** NCFS

**Dominant Fuel Type:** Closed Timber Litter

**Risks:** fire could spread from woods to surrounding homes and airfield.

#### Mitigation Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
hazard reduction burn	3/30/2012		ARRA	NCFS

**Notes:**

---

### B. AREAS OF CONCERN

North Carolina Community Wildfire Protection Plan

**1 Area Name:** island ford area **Hazard Rating:** Moderate  
**Latitude:** 35.22078 **Longitude:** -81.78672 **Number of Homes:** 30 **Number of Lots:** 60  
**Dominant Fuel Type:** Closed Timber Litter **Contact Person:** Drew Brown  
**Address:**  
**City:** **State:** **Zip Code:**  
**Dominant Risk:** loblolly pine plantation with homes at the top of a long slope with no water source in the area.  
**Notes:**

Wildfire Hazard & Risk Assessment - Average Scores							
Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	0	Predominant Veg.	10	Roof Composition	3	Placement of Utilities	5
Road Width	2	Fuel Clearance Zone	1	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	10	Total Number of Scoresheets Completed	1
Fire Service Access	5	Slope	4	Building Setback	0	Total Points	69
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	6	Water Source Avail.	10		
				Organized Response	1		
				Fixed Fire Protection	5		

**Action Items**

Action	Category: Fuel Reduction	Planned Date	Completed Date	Activity to be Completed by
hazard reduction burn		1/28/2016		NCFS
<b>Notes:</b>				



North Carolina Community Wildfire Protection Plan

**2 Area Name:** state line rd @ RxR

**Hazard Rating:** High

**Latitude:**                      **Longitude:**                      **Number of Homes:** 55                      **Number of Lots:** 105

**Dominant Fuel Type:** Closed Timber Litter                      **Contact Person:** Donny Blanton

**Address:** 4600 US-221A Hwy  
**City:** Mooresboro                      **State:** NC                      **Zip Code:** 28114

**Dominant Risk:** Area of Rolling Terrain with large amount of dead and down fuels due to a tornado 2years ago many homes are located down long narrow driveways. there is no pressurized water source in this area. this area has multiple sources of ignition from the rail to a camp ground.

**Notes:**

Wildfire Hazard & Risk Assessment - Average Scores							
Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	3	Predominant Veg.	5	Roof Composition	1	Placement of Utilities	5
Road Width	2	Fuel Clearance Zone	5	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	5	Total Number of Scoresheets Completed	1
Fire Service Access	5	Slope	4	Building Setback	2	Total Points	60
Fire Service Turnaround	3	Additional Rating Factors		Available Fire Protection			
Street Signs	1	Miscellaneous	2	Water Source Avail.	5		
				Organized Response	5		
				Fixed Fire Protection	5		

**Action Items**

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
establish fire lines and perform a controlled burn.	Fuel Reduction	3/30/2021		NCFS

**Notes:**

North Carolina Community Wildfire Protection Plan

**3 Area Name:** Cliffside area **Hazard Rating:** Low  
**Latitude:** 35.23433 **Longitude:** -81.79321 **Number of Homes:** 800 **Number of Lots:** 900  
**Dominant Fuel Type:** Closed Timber Litter **Contact Person:**  
**Address:**  
**City:** **State:** **Zip Code:**  
**Dominant Risk:**  
**Notes:** population scattered throughout the community majority of homes have a large amount of defensible space.

Wildfire Hazard & Risk Assessment - Average Scores			
Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	Predominant Veg.	Roof Composition	Placement of Utilities
Road Width	Fuel Clearance Zone	Building Construction	Total
All-Season Road Cond.	Topography	Building Construction	Total Number of Scoresheets Completed
Fire Service Access	Slope	Building Setback	Total Points 0
Fire Service Turnaround	Additional Rating Factors	Available Fire Protection	
Street Signs	Miscellaneous	Water Source Avail.	
		Organized Response	
		Fixed Fire Protection	

**Action Items**

Action	Category: Infrastructure Improvement	Planned Date	Completed Date	Activity to be Completed by
--------	--------------------------------------	--------------	----------------	-----------------------------

**Notes:**

---

North Carolina Community Wildfire Protection Plan

**4 Area Name:** cone mills **Hazard Rating:** Moderate  
**Latitude:** 35.25619 **Longitude:** -81.78289 **Number of Homes:** 200 **Number of Lots:** 400  
**Dominant Fuel Type:** Closed Timber Litter **Contact Person:**  
**Address:**  
**City:** **State:** **Zip Code:**  
**Dominant Risk:**  
**Notes:**

Wildfire Hazard & Risk Assessment - Average Scores							
Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	3	Predominant Veg.	20	Roof Composition	2	Placement of Utilities	5
Road Width	0	Fuel Clearance Zone	3	Building Construction		Total	
All-Season Road Cond.	3	Topography		Building Construction	1	Total Number of Scoresheets Completed	1
Fire Service Access	0	Slope	1	Building Setback	3	Total Points	51
Fire Service Turnaround	0	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	2	Water Source Avail.	3		
				Organized Response	5		
				Fixed Fire Protection	0		

**Action Items**

Action	Category: Fuel Reduction	Planned Date	Completed Date	Activity to be Completed by
rx burn		1/30/2015		NCFS

**Notes:**

**C. FIRE PREVENTION PROGRAMS**

**1 Project Name:** Smokey bear

**Population Reached:** Cliffside school

**Project Description:** school presentation

<b>Age Group Targeted (select all that apply)</b>	<b>&gt;50</b>	<b>50 - 35</b>	<b>34 - 20</b>	<b>19 - 15</b>	<b>14 - 10</b>	<b>9 - 6</b>	<b>&lt;6</b>
	False	False	False	False	False	True	False

**Community(s) Targeted (if applicable):**

**Action**

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
	10/30/2013		NCFS	NCFS

**Notes:**

---

**D. PREPAREDNESS ACTIONS**

**1 Preparedness Item:** Training

**Planning Office:** NCFS OSFM

**Preparedness Need:** training in wildland fire suppression

**Preparedness Action**

Category	Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
<b>Action</b>					
hold training in wild land fire suppression		1/1/2013		Isothermal Community Collage	NCFS

**Notes:**

---

**4) ADDITIONAL COMMENTS:**

**5) ATTACHMENTS:**