



The Shingle Hollow Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 1/1/2012

Prepared By: Doug Thompson
Organization: North Carolina Forest Service

Contact Information:

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DOI Name: SHINGLE HOLLOW FD
DOI Number: NC10096115

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: Jeff Jackson
Address: 165 Square Hardin Road
Rutherfordton, NC 28139

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> |
| NC10094991 | BILLS CREEK FD |
| NC10095447 | GREEN HILL FD |
| NC10096283 | UNION MILLS FD |

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- 1) Fire District, History and Pre-Attack Information
- 2) Fire District Base Map and Other Visual Aids
- 3) Recommendations and Action Items
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Shingle Hollow

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE STATION:

County: Rutherford **County ID Number:** 081
Name: Shingle Hollow
Latitude: 35.47358 **Longitude:** -82.07235
Street: 165 Square Hardin Road
City: Rutherfordton **State:** NC **Zip Code:** 28139
Mailing Address (if different):
City: **State:** **Zip Code:**
Phone Number: 828-287-4732 **Fax Number:**
Email Address:
Ground Directions: 64/74A to Cove Rd, travel seven miles, FD on the left.

B. RESOURCE CAPACITY:

PERSONNEL

| | | | |
|---|----|--|----|
| Number of Paid Firefighters: | 0 | Number of Volunteer Firefighters: | 35 |
| Number Trained in Wildland Fire: | 20 | Number Trained in Fire Prevention: | 0 |
| Number Trained in Hazard Assessment: | 0 | Number of Pick Up Firefighters (if Applicable): | 5 |

EQUIPMENT

| Apparatus Type | Description | Quantity |
|-------------------------|-------------|----------|
| Engine Type 1 | 2910,2912 | 2 |
| Engine Type 3 | 2911,2922 | 2 |
| Engine Type 6 | 2920,2921 | 2 |
| ATV | | 1 |
| Chain saw | | 3 |
| First Responder Vehicle | | 1 |
| Trailer (< 9') | | 1 |

C. INCIDENT PLANS AND INTELLEGENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

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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: 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.

3 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.

VEHICLE ACCESS

Roads Paved (Percentage): 75 - 99%
Average Road Grade: 10 - 19%
Maximum Road Grade: 20 - 44%
Maximum time to provide fire services to community: 15 - 29 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

WATER RESOURCES

Percent of Fire District in reach of hydrants or connected to county water: 0 - 24%

D. COMMUNITY INFORMATION

FIRE DISTRICT SIZE & DEMOGRAPHICS

Estimated Acres: 16,000 **Number of Lots:** 8,000
Number of Structures: 4,000 **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):

WILDFIRE HISTORY & FUEL TYPE

Relative Frequency: Average of 6 fires per year
Common Causes: Debris
Area of Future Concern: Development in the northern part of district
Additional Comments:
Dominant Vegetation (Fuel Type): Hardwood Litter
Dominant Building Construction Type: Wood frame
Wildfire History or Fuel Type Notes: Potential for large fire growth

2) FIRE DISTRICT BASE MAP AND OTHER VISUALS

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: New Forest Mountain **Acres:** 60

Latitude: 35.49010 **Longitude:** -82.06242

Landowner Name: New Forest Mountain

Planning Office: NCFS

Dominant Fuel Type: Hardwood Litter

Risks: Steep slopes with little to no set back and little defensible space from vegetation to homes. one way in and out. no pressurized water source.

Mitigation Action

| Action | Planned Date | Completed Date | Funding Source | Activity to be Completed by |
|---|--------------|----------------|----------------|-----------------------------|
| Grind fuel away from homes. Rx burn large blocks near by. | 1/1/2012 | | ARRA | NCFS or Private Contractor |

Notes:

B. AREAS OF CONCERN

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1 Area Name: Indian Head Acres **Hazard Rating:** High
Latitude: **Longitude:** **Number of Homes:** 200 **Number of Lots:** 400
Dominant Fuel Type: Closed Timber Litter **Contact Person:** Jeff Jackson
Address:
City: **State:** **Zip Code:**

Dominant Risk: large inaccessible block of timber that fire could grow in and impact a large number of homes. no water supply in the area and little defensible space around homes.

Notes:

| Wildfire Hazard & Risk Assessment - Average Scores | | | | | | | |
|--|------------|---------------------------|------------------|---------------------------|------------------------|---------------------------------------|----|
| Means of Access | Vegetation | | Roofing Assembly | | Placement of Utilities | | |
| Ingress and Egress | 7 | Predominant Veg. | 10 | Roof Composition | 5 | Placement of Utilities | 0 |
| Road Width | 4 | Fuel Clearance Zone | 10 | Building Construction | | Total | |
| All-Season Road Cond. | 3 | Topography | | Building Construction | 10 | Total Number of Scoresheets Completed | 1 |
| Fire Service Access | 5 | Slope | 7 | Building Setback | 5 | Total Points | 98 |
| Fire Service Turnaround | 5 | Additional Rating Factors | | Available Fire Protection | | | |
| Street Signs | 3 | Miscellaneous | 8 | 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 | | 1/27/2016 | | NCFS |

Notes:

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2 Area Name: New Forest Mountain **Hazard Rating:** Extreme

Latitude: 35.49010 **Longitude:** -82.06242 **Number of Homes:** 30 **Number of Lots:** 60

Dominant Fuel Type: Hardwood Litter **Contact Person:** Jeff Jackson

Address: 2626 Cove Road
City: Rutherfordton **State:** NC **Zip Code:** 28139

Dominant Risk: steep slopes with little to no set back from slope and little defensible space from vegetation. one way in and out. no pressurized water source.

Notes:

Wildfire Hazard & Risk Assessment - Average Scores

| Means of Access | Vegetation | Roofing Assembly | Placement of Utilities |
|-------------------------|------------------------------------|----------------------------------|---------------------------------------|
| Ingress and Egress | 7 Predominant Veg. | 20 Roof Composition | 3 Placement of Utilities |
| Road Width | 2 Fuel Clearance Zone | 10 Building Construction | Total |
| All-Season Road Cond. | 2 Topography | 10 Building Construction | Total Number of Scoresheets Completed |
| Fire Service Access | 5 Slope | 7 Building Setback | Total Points |
| Fire Service Turnaround | 2 Additional Rating Factors | Available Fire Protection | 105 |
| Street Signs | 3 Miscellaneous | 8 Water Source Avail. | |
| | | 1 Organized Response | |
| | | 5 Fixed Fire Protection | |

Action Items

| Action | Category: Fuel Reduction | Planned Date | Completed Date | Activity to be Completed by |
|--|--------------------------|--------------|----------------|-----------------------------|
| Rx burn the large blocks of suitable timber down slope from the development. | | 1/1/2012 | | NCFS or Private contractors |
| Grind vegetation away from structures to reduce fuel load in the home ignition zone. | | | | |

Notes:

C. FIRE PREVENTION PROGRAMS

1 Project Name: Smokey

Population Reached: Pinnacle Elementary

Project Description: Smokey presentations during fire prevention week

| Age Group Targeted (select all that apply) | >50 | 50 - 35 | 34 - 20 | 19 - 15 | 14 - 10 | 9 - 6 | <6 |
|---|------|---------|---------|---------|---------|-------|------|
| | True | False | False | False | True | True | True |

Community(s) Targeted (if applicable):

Action

| Action | Planned Date | Completed Date | Funding Source | Activity to be Completed by |
|--------|--------------|----------------|----------------|-----------------------------|
| | 1/1/2012 | | NCFS | NCFS |

Notes: This will be a re-occurring event

D. PREPAREDNESS ACTIONS

1 Preparedness Item: Shingle Hollow

Planning Office: NCFS

Preparedness Need: Chainsaws

Preparedness Action

| Category | Action | Planned Date | Completed Date | Funding Source | Activity to be Completed by |
|--------------------|------------------------------|--------------|----------------|----------------|-----------------------------|
| Equipment Purchase | Purchase two chainsaws MS260 | 1/1/2012 | 1/1/2013 | ARRA | NCFS or Fire Dept |

Notes:

2 Preparedness Item: Training

Planning Office: NCFS

Preparedness Need: Increase the amount of wildland related training in this fire district

Preparedness Action

| Category | Action | Planned Date | Completed Date | Funding Source | Activity to be Completed by |
|----------|---|--------------|----------------|----------------|-----------------------------|
| Other | Instruct on basic wildland classes (S-130,S-131 and S-190) and expand training to include Urban Interface S-215 | 1/1/2012 | 1/1/2013 | NCFS | NCFS |

Notes:

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS: