

Spout Springs Fire Department

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE DEPARTMENT (PFD):

County: Harnett **County ID Number:** 043
PFD Name: Spout Springs
PFD Latitude: 35.2767 **PFD Longitude:** -79.06826
PFD Street: 4400 Buffalo Lake Rd.
City: Cameron **State:** NC **Zip Code:** 28326
PFD Mailing Address (if different than Street Address): NA
City: NA **State:** NC **Zip Code:**
PFD Phone Number: (919) 499-9786 **PFD Fax Number:** (919) 498-1206
PFD Email Address: www.spoutspringsfire.com
Ground Directions: On north bound Hwy 87 and Buffalo Lake Road, south of Hwy 27 junction.

B. PFD RESOURCE CAPACITY:

PERSONNEL

Number of Paid Firefighters:	12	Number of Volunteer Firefighters:	30
Number Trained in Wildland Fire:	25	Number Trained in Fire Prevention:	6
Number Trained in Hazard Assessment:	0	Number of Pick Up Firefighters (if Applicable):	0

EQUIPMENT

Apparatus Type	Description	Quantity
Rescue Vehicle	Support vehicle	1
Engine Type 3	Brush Truck 150 gallons 50 GPM	2
Water Tender Type 3	Tanker 2000 gallons 500 GPM	1
Engine Type 1	Engine 1000 gallons 1250 GPM	5

A. PRIMARY FIRE DEPARTMENT (PFD):

County: Harnett **County ID Number:** 043
PFD Name: Spout Springs Sub-Station
PFD Latitude: 35.28184 **PFD Longitude:** -79.11092
PFD Street: 20054 NC 24/NC 27
City: Cameron **State:** NC **Zip Code:** 28326
PFD Mailing Address (if different than Street Address): NA
City: NA **State:** NC **Zip Code:**
PFD Phone Number: 919-498-2222 **PFD Fax Number:** NA
PFD Email Address:
Ground Directions: From highway 501/15 go on highway 24/27 east toward Cameron. The station will be on the right.

B. PFD RESOURCE CAPACITY:

PERSONNEL

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

EQUIPMENT

Apparatus Type	Description	Quantity
----------------	-------------	----------

C. INCIDENT PLANS AND INTELLEGENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

1 Incident Command Post (ICP): Spout Springs Fire Department
ICP Latitude: 35.27670 **ICP Longitude:** -79.06826
ICP Street Address: 4400 Buffalo Lake Road
City: Cameron **State:** NC **Zip Code:** 28326
Paved Parking Acres: 0 **Unpaved Parking Acres:** 0 **Entrances:** 2
Buildings: 1 **Indoor Square Footage:** 9620
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: On north bound Hwy 87 and Buffalo Lake Road, south of Hwy 27 junction.
Comments: There is .25 of an acre of paved parking.

1 Staging Area (SA): Food Lion Shopping Center
SA Latitude: 35.26196 **SA Longitude:** -79.04615
SA Street Address: 133 Mattie Haddock Ln.
City: Cameron **State:** NC **Zip Code:** 28326
Paved Parking Acres: 3 **Unpaved Parking Acres:** 1 **Entrances:** 8
Buildings: 4 **Indoor Square Footage:** 30000
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: On the Northside of Hwy 87, and in between Hwy 24 and Mattie Haddock Ln.

North Carolina Community Wildfire Protection Plan

Comments: Spout Springs Staging Area

1 **Nearest Medical Facility (NMF):** Womack Army Medical Center
NMF Latitude: 35.12300 **NMF Longitude:** -78.99800 **Phone Number:** (910) 907-6000
NMF Street Address: 2132 Reilly Rd. Building 4-2817
City: Fort Bragg **State:** NC **Zip Code:** 28310
Trauma Center Level: NA **Facility Has Burn Unit** **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: Located at the intersection of Gruber Rd. and Mosby St.

2 **Nearest Medical Facility (NMF):** Wake Med Raleigh
NMF Latitude: 35.78553 **NMF Longitude:** -78.58956 **Phone Number:** (919) 350-8500
NMF Street Address: 3000 New Bern Ave
City: Raleigh **State:** NC **Zip Code:** 27610
Trauma Center Level: I **Facility Has Burn Unit** **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: 1/2 mile inside beltline of Raleigh/440 on New Bern AVE

VEHICLE ACCESS

Roads Paved (Percentage): 50 - 74%
Average Road Grade: 0 - 9%
Maximum Road Grade: 0 - 9%
Maximum time to provide fire services to community: 10 - 14 Minutes

AVIATION

Airport	Three Letter Designation	Degrees From ICP	Miles From ICP
Harnett County Airport	HRJ	0	28.3

Latitude: 35.381 **Longitude:** -78.736 **Has Fuel: Jet A** **Has Fuel: Aviation Gasoline**
Ground Directions: In between Cape Fear River and Hwy 421 27 off of Old Stage Rd S.

Comments:

HELICOPTER LANDING ZONES

1 **Helispot:** Highland Elementary School **Capacity:** Type 1 - 3
Latitude: 35.30697 **Longitude:** -79.04205
Ground Directions: Corner of Olivia Rd. and Hwy 87 S.

Comments:

North Carolina Community Wildfire Protection Plan

2 Helispot: NC 27 Capacity: Type 1 - 3
Latitude: 35.30762 Longitude: -79.08785
Ground Directions: On Hwy 27, west of Hwy. 87 S
Comments:

WATER RESOURCES

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

1 Water Source: Carolina Lakes Contact Telephone:
Uses: Ground: Yes Helicopter: Yes Fixed-Wing Use: No
Type: Lake Water Source Access Private
Latitude: 35.28000 Longitude: -79.05300
Ground Directions: Corner of Coachman Way and Pine Winds Dr.
Comments:

2 Water Source: Buffalo Lakes Contact Telephone:
Uses: Ground: Yes Helicopter: Yes Fixed-Wing Use: No
Type: Lake Water Source Access Private
Latitude: 35.29600 Longitude: -79.05100
Ground Directions: Corner of Peacock Rd. and Buffalo Lake Rd.
Comments:

D. COMMUNITY INFORMATION

FIRE DISTRICT SIZE & DEMOGRAPHICS

Estimated Acres: 38,592 Number of Lots: 0
Number of Structures: 0 Percentage Residential: 40%
Estimated Population Growth (next 30 Years): Extreme

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

HAZARD ASSESSMENT RATING (from NFPA 1144): High

WILDFIRE HISTORY & FUEL TYPE

Relative Frequency: On average, six wildland fires per month.
Common Causes: Debris burning, incendiary fire
Area of Future Concern: Lexington Plantation (4500 lots), Lynden Oaks Military Housing: Robert Rd. Community
Additional Comments: Equipment access is limited due to vegetation
Dominant Vegetation(Fuel Type): 2. Timber (Grass Understory)
Dominant Building Construction Type: Wood construction and vinyl siding
Wildfire History or Fuel Type Notes:

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: Carolina Lakes **Acres:** 2,700

Latitude: 35.28753 **Longitude:** -79.05757

Landowner Name: Carolina Lakes Community

Planning Office: North Carolina Division of Forest Resources

Dominant Fuel Type: 2. Timber (Grass Understory)

Risks: Heavy fuel load and many houses and structures intermixed with wildland. This community is an area of concern for the Spout Springs fire district.

Mitigation Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Continue community prescribed burning and the Firewise program that was started in 2003.	1/1/2003		The National Fire Plan	North Carolina Division of Forest Resources

Notes: Certified in 2005 for Firewise (Initiated in 2003)

B. COMMUNITIES AT RISK

1 Area Name: Sunny Sands **Hazard Rating:** Extreme

Latitude: 35.29641 **Longitude:** -79.15268 **Number of Homes:** 100 **Number of Lots:** 500

Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Buren Fulmer

Address: 3259 Old US 421

City: Lillington **State:** NC **Zip Code:** 27546

Dominant Community Risk: Only one road in and out of subdivision. Narrow, non-surfaced roads with limited fire service access and turnarounds. Lack of survivable space around most homes. Most homes do not have non-flammable roofs.

Notes:

Wildfire Hazard & Risk Assessment - Average Scores for Community							
Means of Access	Vegetation	Roofing Assembly	Placement of Utilities				
Ingress and Egress	7	Predominant Veg.	20	Roof Composition	15	Placement of Utilities	0
Road Width	4	Fuel Clearance Zone	25	Building Construction	Total		
All-Season Road Cond.	3	Topography		Building Construction	10	Total Number of Scoresheets Completed	2
Fire Service Access	5	Slope	1	Building Setback	0	Total Points	126
Fire Service Turnaround	5	Additional Rating Factors	Available Fire Protection				
Street Signs	0	Miscellaneous	15	Water Source Avail.	10		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Introduce Firewise to the community	Awareness			NC Division of Forest Resources and Fire Dept.

Notes: No planning for Firewise program to date

North Carolina Community Wildfire Protection Plan

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

Add an additional entrance/exit to improve ingress and egress. Widen and improve road conditions by adding fire service turnarounds. Create fuel clearance zones around homes to improve the survivability of the houses in the event of a wildfire. Encourage homeowners to upgrade to non-flammable roofs.

Notes: No planning for infrastructure improvements to date

2 Area Name: Robert's Rd. **Hazard Rating:** Extreme

Latitude: 35.31439 **Longitude:** -79.05647 **Number of Homes:** 250 **Number of Lots:** 500

Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Baren Fulmer

Address: 3259 Old US 421

City: Lillington **State:** NC **Zip Code:** 27546

Dominant Community Risk: One road in and out. Lack of survivable space around homes. Long dead end roads without cul-de-sacs. No water sources available within community.

Notes:

Wildfire Hazard & Risk Assessment - Average Scores for Community

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	25	5
All-Season Road Cond.	3 Topography	10 Building Construction	2 Total Number of Scoresheets Completed
Fire Service Access	5 Slope	1 Building Setback	0 Total Points
Fire Service Turnaround	5 Additional Rating Factors	10 Available Fire Protection	117
Street Signs	0 Miscellaneous	15 Water Source Avail.	
		1 Organized Response	
		5 Fixed Fire Protection	

Action Items

Action Category: Awareness **Planned Date** **Completed Date** **Activity to be Completed by**
 Introduce Firewise NC Division of Forest Resources and Fire Dept.

Notes: No planning for Firewise program to date.

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

Create an additional entrance/exit to improve ingress and egress. Improve fire service access by widening roads, creating turnarounds, and shortening long dead-end roads. Install pressurized hydrants.

Notes: No planning for infrastructure improvements to date.

North Carolina Community Wildfire Protection Plan

3 Area Name: Lexington Plantation **Hazard Rating:** High
Latitude: 35.26080 **Longitude:** -79.02440 **Number of Homes:** 100 **Number of Lots:** 4,500
Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Buren Fulmer
Address: 3259 Old US 421
City: Lillington NC **State:** NC **Zip Code:** 27546
Dominant Community Risk: One road in and out. Lack of survivable space around homes.
Notes:

Wildfire Hazard & Risk Assessment - Average Scores for Community							
Means of Access	Vegetation		Roofing Assembly		Placement of Utilities		
Ingress and Egress	7	Predominant Veg.	20	Roof Composition	3	Placement of Utilities	0
Road Width	2	Fuel Clearance Zone	25	Building Construction	Total		
All-Season Road Cond.	0	Topography		Building Construction	10	Total Number of Scoresheets Completed	2
Fire Service Access	0	Slope	1	Building Setback	0	Total Points	91
Fire Service Turnaround	2	Additional Rating Factors	Available Fire Protection				
Street Signs	0	Miscellaneous	15	Water Source Avail.	0		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Introduce Firewise	Awareness			NC Division of Forest Resources and Fire Dept.

Notes: No planning for Firewise Program to date.

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Create an additional entrance/exit to improve ingress and egress.	Infrastructure Improvement			County

Notes: No planning for infrastructure improvement to date.

North Carolina Community Wildfire Protection Plan

4 Area Name: Starwood Community **Hazard Rating:** High
Latitude: 35.25240 **Longitude:** -79.02760 **Number of Homes:** 350 **Number of Lots:** 0
Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Buren Fulmer
Address: 3259 Old US 421
City: Lillington **State:** NC **Zip Code:** 27546
Dominant Community Risk: One road in and out. Lack of survivable space around homes.
Notes:

Wildfire Hazard & Risk Assessment - Average Scores for Community							
Means of Access	Vegetation		Roofing Assembly		Placement of Utilities		
Ingress and Egress	7	Predominant Veg.	20	Roof Composition	3	Placement of Utilities	0
Road Width	2	Fuel Clearance Zone	25	Building Construction	Total		
All-Season Road Cond.	0	Topography		Building Construction	10	Total Number of Scoresheets Completed	2
Fire Service Access	0	Slope	1	Building Setback	0	Total Points	91
Fire Service Turnaround	2	Additional Rating Factors	Available Fire Protection				
Street Signs	0	Miscellaneous	15	Water Source Avail.	0		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Introduce Firewise	Awareness			NC Division of Forest Resources and Fire Dept.

Notes: No planning for Firewise to date.

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Create an additional entrance/exit to improve ingress and egress.	Infrastructure Improvement			County

Notes: No planning for infrastructure improvement to date.

North Carolina Community Wildfire Protection Plan

5 Area Name: Northridge Plantation **Hazard Rating:** High
Latitude: 35.25771 **Longitude:** -79.03852 **Number of Homes:** 3,500 **Number of Lots:** 0
Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Buren Fulmer
Address: 3259 Old US 421
City: Lillington **State:** NC **Zip Code:** 27546
Dominant Community Risk: Limited fire service access due to long dead-end roads. Lack of survivable space around homes.
Notes:

Wildfire Hazard & Risk Assessment - Average Scores for Community							
Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	0	Predominant Veg.	20	Roof Composition	3	Placement of Utilities	0
Road Width	2	Fuel Clearance Zone	25	Building Construction		Total	
All-Season Road Cond.	0	Topography		Building Construction	10	Total Number of Scoresheets Completed	2
Fire Service Access	5	Slope	1	Building Setback	0	Total Points	89
Fire Service Turnaround	2	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	15	Water Source Avail.	0		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Introduce Firewise	Awareness			NC Division of Forest Resources and Fire Dept.

Notes: No planning for Firewise program to date.

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Improve fire service access by shortening long dead-end roads and adding more turnarounds.	Infrastructure Improvement			County

Notes: No planning for infrastructure improvement to date.

North Carolina Community Wildfire Protection Plan

6 Area Name: Carolina Lakes **Hazard Rating:** High
Latitude: 35.28753 **Longitude:** -79.05757 **Number of Homes:** 1,700 **Number of Lots:** 2,000
Dominant Fuel Type: 2. Timber (Grass Understory) **Community Contact Person:** Buren Fulmer
Address: 3259 Old US 421
City: Lillington **State:** NC **Zip Code:** 27546
Dominant Community Risk: One road in and out. Survivable space around homes could be improved.
Notes: There is an emergency exit but it is kept gated and locked at all times.

Wildfire Hazard & Risk Assessment - Average Scores for Community

Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	7 Predominant Veg.	20 Roof Composition	3 Placement of Utilities
Road Width	4 Fuel Clearance Zone	15 Building Construction	Total
All-Season Road Cond.	0 Topography	10 Building Construction	Total Number of Scoresheets Completed
Fire Service Access	0 Slope	1 Building Setback	2
Fire Service Turnaround	2 Additional Rating Factors	0 Available Fire Protection	Total Points
Street Signs	0 Miscellaneous	15 Water Source Avail.	83
		0 Organized Response	
		1 Fixed Fire Protection	

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Continue with the Firewise program in Carolina Lakes	Awareness	1/1/2003		Carolina Lakes Community

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Create an additional entrance/exit to be used at all times. Encourage homeowners to create fuel clearance zones around homes.	Infrastructure Improvement			County

Notes: No planning for infrastructure improvement to date.

C. FIRE PREVENTION PROGRAMS

1 Project Name: Christmas Parade **Population Reached:** Spout Springs Community

Project Description: Fire department personnel and fire trucks participate in local christmas parade

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

Community(s) Targeted (if applicable): Spout Springs

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by

Notes: Fire department wishes to continue holiday parades

North Carolina Community Wildfire Protection Plan

2 Project Name: Fire Prevention Week **Population Reached:** Elementary Schools

Project Description: Fire department personnel visit local elementary schools (Johnson Elementary School and Highland Elementary) and provide fire prevention education

Age Group Targeted (select all that apply)	>50	50 - 35	34 - 20	19 - 15	14 - 10	9 - 6	<6
	No	No	No	No	Yes	Yes	Yes

Community(s) Targeted (if applicable): Children in Spout Springs

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
--------	--------------	----------------	----------------	-----------------------------

Notes: Fire department wishes to continue fire prevention week

3 Project Name: Firewise **Population Reached:** Carolina Lakes Community

Project Description: Spout Springs fire department will present a Firewise program at Carolina Lakes in October of 2009

Age Group Targeted (select all that apply)	>50	50 - 35	34 - 20	19 - 15	14 - 10	9 - 6	<6
	Yes	Yes	Yes	No	No	No	No

Community(s) Targeted (if applicable): Carolina Lakes

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Carolina Lakes will be continuing to implement Firewise programs	7/1/2009	10/31/2009	Carolina Lakes	Spout Springs Fire Department and Carolina Lakes

Notes: Carolina Lakes wishes to continue its Firewise program that was started in 2005

D. PREPAREDNESS ACTIONS

1 Preparedness Item: Equipment Purchase

Planning Office: Spout Springs Fire Department

Preparedness Need: Two new brush trucks

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase The fire department has indicated a need for two new brush trucks			Federal or State Grants	Spout Springs Fire Department

Notes: No plans have been made to apply for funding for this project

2 Preparedness Item: Improve Infrastructure

Planning Office: Spout Springs Fire Department

Preparedness Need: Pressurized hydrants in fire district

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Infrastructure Improvement Spout Springs has indicated a need for more pressurized fire hydrants in their district.			Federal or State grants	Fire department

Notes: No plans have been made to apply for funding for this project

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS: