



The Sugar Hill/Montford Cove Fire District Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 12/20/2010

Prepared By: J. Scott Ellis
Organization: North Carolina Division of Forest Resources

Contact Information:

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Fax:

DOI Name: SUGAR HILL FD

DOI Number: NC10096204

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)

County Government Representative

Name: Terry Young
Address: 60 East Court Street
Marion, NC 28752
Phone Number: 828-652-3982
E-Mail: terry.young@mcdowellgov.com
Signature: _____ Signed? Yes

Fire Department Representative

Name: Joe Washburn
Address: 8883 Sugar Hill Rd
Marion, NC 28752
Phone Number:
E-Mail: jwashburn471@gmail.com
Signature: _____ Signed? Yes

North Carolina Division of Forest Resources Representative

Name: J. Scott Ellis
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Marion, NC 28752
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Signature: _____ Signed? Yes

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

<u>Name</u>	<u>Organization</u>
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Mutual Aid

<u>Number</u>	<u>Name</u>
NC10095221	CROOKED CREEK FD
NC10095860	OLD FORT
NC10095871	P G FD
NC10095691	MARION
NC10095423	GLENWOOD 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

All Longitude (-78.23456) and Latitude (35.23456) entries in this plan must be in decimal degrees with five degree points after the decimal.

Sugar Hill/Montford Cove Fire District

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE DEPARTMENT (PFD):

County: McDowell **County ID Number:** 059
PFD Name: Sugar Hill/Montford Cove
PFD Latitude: 35.58506 **PFD Longitude:** -82.04134
PFD Street: 8883 Sugar Hill Rd.
City: Marion **State:** NC **Zip Code:** 28752
PFD Mailing Address (if different than Street Address): NA
City: NA **State:** NC **Zip Code:**
PFD Phone Number: 828-738-3100 **PFD Fax Number:** NA
PFD Email Address: joe.washburn@charterinternet.com
Ground Directions: 8883 Sugar Hill Rd.
 I-40 Exit 81 onto Sugar Hill Road, Travel South for 6 Miles, VFD will be on Left.

B. PFD RESOURCE CAPACITY:

PERSONNEL			
Number of Paid Firefighters:	0	Number of Volunteer Firefighters:	26
Number Trained in Wildland Fire:	10	Number Trained in Fire Prevention:	0
Number Trained in Hazard Assessment:	0	Number of Pick Up Firefighters (if Applicable):	10

EQUIPMENT		
Apparatus Type	Description	Quantity
Crew Truck	4x4 Suburban crew truck	1
Engine Type 6	450 gpm 300 gal tank	1
Engine Type 2	750 gpm 1800 gal tank	1
Engine Type 1	1500 gpm 1000 gal tank	1
Engine Type 1	1000 gpm 1000 gal tank	2

C. INCIDENT PLANS AND INTELLIGENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

1 Incident Command Post (ICP): Sugar Hill/Montford Cove Fire Department
ICP Latitude: 35.58506 **ICP Longitude:** -82.04134
ICP Street Address: 8883 Sugar Hill Rd.
City: Marion **State:** NC **Zip Code:** 28752
Paved Parking Acres: 1 **Unpaved Parking Acres:** 2 **Entrances:** 2
Buildings: 1 **Indoor Square Footage:** 5000
☒ **Utilities (Water/Sewer)** ☒ **Telephone Service** ☒ **Internet Service**
Ground Directions: 8883 Sugar Hill Rd.
 I-40 Exit 81 onto Sugar Hill Road, Travel South for 6 Miles, VFD will be on Left.
Comments: The Fire Department is located in the old School building.
 828-738-3100

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1 Staging Area (SA) Crossings Drive

SA Latitude: 35.55414

SA Longitude: -82.06638

SA Street Address:

City:

State: NC

Zip Code:

Paved Parking Acres: 0

Unpaved Parking Acres: 2

Entrances:

Buildings:

Indoor Square Footage:

☐ **Utilities (Water/Sewer)**

☐ **Telephone Service**

☐ **Internet Service**

Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road continue onto Montford Cove Road for approx 2.5 miles and Staging area will be a Field to left at Crossings Drive.

Comments: field

2 Staging Area (SA) Epley Drive

SA Latitude: 35.63285

SA Longitude: -82.08435

SA Street Address:

City:

State: NC

Zip Code:

Paved Parking Acres:

Unpaved Parking Acres: 2

Entrances:

Buildings:

Indoor Square Footage:

☐ **Utilities (Water/Sewer)**

☐ **Telephone Service**

☐ **Internet Service**

Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right on Sugar Hill Road go approx 3.5 miles, Turn Left Marler Road go approx 1 mile, continue on Epley Drive for 1 mile, Staging area is a field on left.

Comments: field

3 Staging Area (SA) Greasy Creek Road

SA Latitude: 35.53412

SA Longitude: -82.10097

SA Street Address: Greasy Creek Rd

City: Marion

State: NC

Zip Code: 28752

Paved Parking Acres:

Unpaved Parking Acres: 5

Entrances: 2

Buildings:

Indoor Square Footage:

☐ **Utilities (Water/Sewer)**

☐ **Telephone Service**

☐ **Internet Service**

Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road, continue onto Montford Cove Road go approx 3.25 miles, Turn Right onto Greasy Creek Road go approx 1.65 miles, Staging area is Field on Right.

Comments: Large Field -Has been used on large fires before

North Carolina Community Wildfire Protection Plan

4 **Staging Area (SA)** Hidden Acres Development

SA Latitude: 35.59649 **SA Longitude:** -82.02533

SA Street Address: Dink Cannon Rd

City: **State:** NC **Zip Code:**

Paved Parking Acres: **Unpaved Parking Acres:** 1 **Entrances:**

Buildings: **Indoor Square Footage:**

☐ **Utilities (Water/Sewer)** ☐ **Telephone Service** ☐ **Internet Service**

Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road for approx 1.25 miles, Turn Right Dink Cannon Road go approx .25 miles, Left onto Hidden Acres Drive, Field will be on the left.

Comments: field

5 **Staging Area (SA)** Sugar Hill Rd

SA Latitude: 35.60187 **SA Longitude:** -82.03416

SA Street Address: Sugar Hill Rd

City: Marion **State:** NC **Zip Code:** 28752

Paved Parking Acres: **Unpaved Parking Acres:** 5 **Entrances:** 2

Buildings: **Indoor Square Footage:**

☐ **Utilities (Water/Sewer)** ☐ **Telephone Service** ☐ **Internet Service**

Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right on Sugar Hill Road go approx 1.5 miles, Large Field will be on Left.

Comments: Large Field

6 **Staging Area (SA)** Sugar Hill/Montford Cove Fire Department

SA Latitude: 35.58461 **SA Longitude:** -82.04227

SA Street Address: 8883 Sugar Hill Rd.

City: Marion **State:** NC **Zip Code:** 28752

Paved Parking Acres: 1 **Unpaved Parking Acres:** 2 **Entrances:** 2

Buildings: 1 **Indoor Square Footage:** 5000

☒ **Utilities (Water/Sewer)** ☒ **Telephone Service** ☒ **Internet Service**

Ground Directions: 8883 Sugar Hill Rd.
I-40 Exit 81 onto Sugar Hill Road, Travel South for 6 Miles, VFD will be on Left.

Comments: Utilize the Old School Building
828-738-3100

1 **Nearest Medical Facility (NMF):** McDowell Hospital

NMF Latitude: 35.66361 **NMF Longitude:** -82.02818 **Phone Number:** (828) 659-5000

NMF Street Address: 430 Rankin Drive

City: Marion **State:** NC **Zip Code:** 28752

Trauma Center Level: NA ☐ **Facility Has Burn Unit** ☐ **Facility Has Air Service**

Medical Facility Type: Primary Care (Hospital)

Ground Directions: I-40 exit Sugar Hill Rd north. Left on Rankin Dr.

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2 Nearest Medical Facility (NMF): Mission Hospital - Memorial Campus
NMF Latitude: 35.57750 **NMF Longitude:** -82.54989 **Phone Number:** (828) 213-4181
NMF Street Address: 509 Biltmore Avenue
City: Asheville **State:** NC **Zip Code:** 28801
Trauma Center Level: II ☐ **Facility Has Burn Unit** ☒ **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: From Marion travel south on Sugar Hill Rd. Turn right to merge onto I-40 W. Take exit 51 for Sweeten Creek Rd/US-25A toward Asheville. Turn right at Sweeten Creek Rd. Turn right at Hendersonville Rd. Continue onto Biltmore Ave. Destination will be on the left

3 Nearest Medical Facility (NMF): Baptist Hospital
NMF Latitude: 36.08930 **NMF Longitude:** -80.27090 **Phone Number:** (336) 716-2011
NMF Street Address: Medical Center Blvd
City: Winston Salem **State:** NC **Zip Code:** 27103
Trauma Center Level: I ☒ **Facility Has Burn Unit** ☒ **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: From Marion. Travel on NC 226 S/US-221 BUS S/Rutherford Rd. Turn left to merge onto I-40 E toward Morganton. Take exit 188 on the left for I-40 BUS/US-421 S toward Winston - Salem/Downtown. Merge onto US-421 S. Take exit 4 for Cloverdale Ave. Slight left at Medical Center Blvd.

VEHICLE ACCESS

Roads Paved (Percentage): 75 - 99%
Average Road Grade: 0 - 9%
Maximum Road Grade: 20 - 44%
Maximum time to provide fire services to community: 15 - 29 Minutes

AVIATION

Airport	Three Letter Designation	Degrees From ICP	Miles From ICP
Asheville Regional Airport	AVL	0	0

Latitude: 35.43619 **Longitude:** -82.5418 ☒ **Has Fuel: Jet A** ☒ **Has Fuel: Aviation Gasoline**
Ground Directions: 61 Terminal Drive, Suite 1
Fletcher, NC 28732
Comments: Manager - Lew Bleiweis
828-684-2226
8,001' runway

Hickory Regional Airport	HKY	0	0
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Latitude: 35.74127 **Longitude:** -81.38949 ☒ **Has Fuel: Jet A** ☒ **Has Fuel: Aviation Gasoline**
Ground Directions: I-40 East. Exit 123B onto US-321 north. Left onto Clement Blvd NW. Right onto 9th Ave Drive NW. Airport will be on left.
Comments: Manager - Terry Clark
828-323-7408
4,400' runway

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Shiflet Field

9A9

0

0

Latitude: 35.72067 **Longitude:** -82.00983 ☐ **Has Fuel: Jet A** ☐ **Has Fuel: Aviation Gasoline**

Ground Directions: From Marion, head north on N Main Street. Turn right on Creek St. Turn left on Garden Creek Rd. Turn right on Holly St. Turn left on Airport Rd. Airport will be at end of road.

Comments: Manager - Vincent Raktis
828-655-1306
3,340' grass land strip

HELICOPTER LANDING ZONES

- | | |
|---|-----------------------------|
| 1 Helispot: Crossings Drive | Capacity: Type 1 - 3 |
| Latitude: 35.54867 Longitude: -82.06815 | |
| Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road, Continue on Montford Cove Road of approx 2.75 miles, LZ will be Field on Left at Crossings Drive. | |
| Comments: field | |
-
- | | |
|---|-----------------------------|
| 2 Helispot: Haynes Road | Capacity: Type 1 - 3 |
| Latitude: 35.53585 Longitude: -82.10104 | |
| Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road, Continue on Montford Cove Road of approx 3.25 miles, Turn Right onto Greasy Creek Road go approx 1.75 miles, LZ will be a field on Right at Haynes Road Intersection. | |
| Comments: field next to road | |
-
- | | |
|--|-----------------------------|
| 3 Helispot: Hidden Acres | Capacity: Type 1 - 3 |
| Latitude: 35.59467 Longitude: -82.02532 | |
| Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 1.25 miles, Turn Right onto Dink Cannon Road go .4 miles, LZ will be Field on Right. | |
| Comments: field next to road | |
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- | | |
|---|-----------------------------|
| 4 Helispot: Ledford Lane | Capacity: Type 1 - 3 |
| Latitude: 35.54401 Longitude: -82.08682 | |
| Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road, Continue on Montford Cove Road of approx 3.25 miles, Turn Right onto Greasy Creek Road go approx .65 miles, LZ will be a field on Right at Ledford Lane Intersection. | |
| Comments: field | |
-
- | | |
|---|-----------------------------|
| 5 Helispot: Montford Cove Road | Capacity: Type 1 - 3 |
| Latitude: 35.57532 Longitude: -82.05128 | |
| Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road, Continue on Montford Cove Road of approx .5 miles, LZ will be on Right just past Sugar Hill Heights Drive | |
| Comments: field next to road | |
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North Carolina Community Wildfire Protection Plan

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|----------|---|-----------------------------|
| 6 | Helispot: Rock House Road | Capacity: Type 1 - 3 |
| | Latitude: 35.58352 Longitude: -82.01716 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road go approx .25 miles, Turn Left onto Mud Cut Road go approx 1.65 miles, LZ will be large Field to Right at Intersection with Rock House Road. | |
| | Comments: field southwest of road intersection | |
-
- | | | |
|----------|---|-----------------------------|
| 7 | Helispot: Sugar Hill-Dink Cannon | Capacity: Type 1 - 3 |
| | Latitude: 35.59906 Longitude: -82.03022 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 1.25 miles, LZ will be Large Field on Left at Intersection. | |
| | Comments: field next to road | |
-
- | | | |
|----------|--|-----------------------------|
| 8 | Helispot: West Marion School | Capacity: Type 1 - 3 |
| | Latitude: 35.62138 Longitude: -82.05931 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 3.5 miles, LZ will be in Baseball Field on Left. | |
| | Comments: baseball field next to school | |
-
- | | | |
|----------|--|-----------------------------|
| 9 | Helispot: Zion Hill Church | Capacity: Type 1 - 3 |
| | Latitude: 35.63072 Longitude: -82.06952 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 3.5 miles, Turn Left on Marler Road go approx 1 mile, LZ is Parking Lot at Church. | |
| | Comments: church parking lot | |
-

WATER RESOURCES

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

- | | | |
|----------|---|-------------------------------------|
| 1 | Water Source: Ash Bridge | Contact Telephone: |
| | Uses: Ground: Yes Helicopter: No Fixed-Wing Use: No | |
| | Type: Dry Hydrant | Water Source Access: Private |
| | Latitude: 35.53856 Longitude: -82.07179 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road continue on Montford Cove Road go approx 3.5 miles, Turn Left onto Tight Run Road go approx .5 miles, Dry Hydrant will be at Bridge. | |
| | Comments: | |
-
- | | | |
|----------|--|-------------------------------------|
| 2 | Water Source: Bakers Pond | Contact Telephone: |
| | Uses: Ground: Yes Helicopter: Yes Fixed-Wing Use: No | |
| | Type: Pond | Water Source Access: Private |
| | Latitude: 35.62176 Longitude: -82.07236 | |
| | Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 3.5 miles, Turn Left on Marler Road go approx 1 mile, Left on Zion Hill Road go approx .6 miles, Pond will be on Left. | |
| | Comments: | |
-

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3 Water Source: Charlie Drive **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Dry Hydrant **Water Source Access** Private
Latitude: 35.61505 **Longitude:** -82.06692
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 3 miles, Turn Left onto Charlie Drive, Dry Hydrant will be at end of Road

Comments:

4 Water Source: Greasy Creek Road **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Dry Hydrant **Water Source Access** Private
Latitude: 35.54142 **Longitude:** -82.08992
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road continue on Montford Cove Road go approx 3.25 miles, Turn Right onto Greasy Creek Road for .75 miles, Dry Hydrant will be at 2nd Creek.

Comments:

5 Water Source: Ledbetter Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** Yes **Fixed-Wing Use:** No
Type: Pond **Water Source Access** Private
Latitude: 35.59427 **Longitude:** -82.01922
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 1.25 miles, Right onto Dink Cannon Road go approx .75 miles, Pond will be on left.

Comments: Dry Hydrant at Pond

6 Water Source: Rock House Road **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Dry Hydrant **Water Source Access** Private
Latitude: 35.56505 **Longitude:** -82.01359
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road go approx .25 miles, Left onto Mud Cut Road go approx 1.75 miles, Turn Right onto Rock House Road go approx 1.5 miles, Dry Hydrant will be on Right.

Comments:

7 Water Source: Sugar Hill Road **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Dry Hydrant **Water Source Access** Private
Latitude: 35.61640 **Longitude:** -82.05496
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 3 miles to Dry Hydrant.

Comments:

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8 Water Source: Unity Church
Uses: **Ground:** Yes **Helicopter:** No **Contact Telephone:**
Type: Dry Hydrant **Fixed-Wing Use:** No
Latitude: 35.63659 **Longitude:** -82.05665
Water Source Access: Private
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Right onto Sugar Hill Road go approx 4.6 miles, Turn Left Zion Hill Road go approx .25 mile, Dry Hydrant will be across from Unity Church.

Comments:

9 Water Source: Wilkerson Way
Uses: **Ground:** Yes **Helicopter:** No **Contact Telephone:**
Type: Dry Hydrant **Fixed-Wing Use:** No
Latitude: 35.54793 **Longitude:** -82.06724
Water Source Access: Private
Ground Directions: From Sugar Hill/Montford Cove Fire Department, Left onto Sugar Hill Road continue on Montford Cove Road go approx 2.75 miles, Turn Left onto Wilkerson Way, Dry Hydrant will be at Bridge.

Comments:

D. COMMUNITY INFORMATION

FIRE DISTRICT SIZE & DEMOGRAPHICS

Estimated Acres: 25,888 **Number of Lots:** 2,449
Number of Structures: 1,552 **Percentage Residential:** 90%

Estimated Population Growth (next 30 Years): Average

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: 8 to 10 woods fire per year in district
Common Causes: Debris burning
Area of Future Concern: Large area has been broken up into a future development called Wild Ridge. Will be major problem if lots are sold.
Additional Comments: Very rural community - Lot of farmland with areas of rugged mountain timberland.
Dominant Vegetation(Fuel Type): 9. Hardwood Litter
Dominant Building Construction Type: Single Homes, Farm Buildings
Wildfire History or Fuel Type Notes: Potential for major fires in the more remote, mountainous areas of the district.

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) RECOMMENDATIONS AND ACTION ITEMS

A. FUEL MITIGATION SITES

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B. COMMUNITIES AT RISK

1 Area Name: Hidden Acres **Hazard Rating:** High
Latitude: 35.60152 **Longitude:** -82.02425 **Number of Homes:** 49 **Number of Lots:** 80
Dominant Fuel Type: 9. Hardwood Litter **Community Contact Person:**
Address:
City: **State:** NC **Zip Code:**
Dominant Community Risk: Narrow fuel clearance zones, poor access
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	5
Road Width	4	Fuel Clearance Zone	20	Building Construction		Total	
All-Season Road Cond.	3	Topography		Building Construction	10	Total Number of Scoresheets Completed	
Fire Service Access	5	Slope	4	Building Setback	0	Total Points 107	
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	5	Water Source Avail.	10		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.	Referral to Mitigation Program	12/1/2011		DFR

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Understory fuel reduction along the east and northwest side of AOC along the top of ridge with hand crews and chipper on mechanical.	Fuel Reduction	12/1/2011		NC DFR - Private Contractors

Notes: Funding through ARRA

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.	Awareness	12/1/2011		VFD & DFR

Notes:

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2 Area Name: Laurey Valley - The Crossings

Hazard Rating: Extreme

Latitude: 35.55212

Longitude: -82.06788

Number of Homes: 81

Number of Lots: 145

Dominant Fuel Type: 9. Hardwood Litter

Community Contact Person:

Address:

City:

State: NC

Zip Code:

Dominant Community Risk: Extreme Slopes, No fuel clearance zones, Poor access

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	5
Road Width	4	Fuel Clearance Zone	25	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	10	Total Number of Scoresheets Completed	
Fire Service Access	5	Slope	10	Building Setback	5	Total Points	131
Fire Service Turnaround	2	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	10	Water Source Avail.	5		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
understory fuels reduction in common areas of development and under powerline right of ways through grinding and mulching.	Fuel Reduction	6/1/2011		Private Contractors

Notes: ARRA funding

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.	Referral to Mitigation Program	12/1/2011		DFR

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.	Awareness	12/1/2011		VFD & DFR

Notes:

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3 Area Name: Sugar Hill Heights **Hazard Rating:** High
Latitude: 35.57927 **Longitude:** -82.05282 **Number of Homes:** 19 **Number of Lots:** 25
Dominant Fuel Type: 9. Hardwood Litter **Community Contact Person:**
Address:
City: **State:** NC **Zip Code:**
Dominant Community Risk: Mobile Home Park, Structures close to each other next to heavy woodland
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	0	Placement of Utilities	5
Road Width	4	Fuel Clearance Zone	20	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	5	Total Number of Scoresheets Completed	
Fire Service Access	5	Slope	4	Building Setback	0	Total Points	98
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	5	Water Source Avail.	10		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Understory fuels reduction along Wildberry Dr. around the north and west side of AOC to fields on south side. Either hand crews or mechanical. Clear understory along road entering AOC - width of 20 ft.		12/1/2011		NC DFR - Private Contractors
Notes: Funded through ARRA				

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.		12/1/2011		DFR
Notes:				

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.		12/1/2011		VFD & DFR
Notes:				

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4 Area Name: Thunder Hill

Hazard Rating: High

Latitude: 35.63137

Longitude: -82.08357

Number of Homes: 34

Number of Lots: 55

Dominant Fuel Type: 9. Hardwood Litter

Community Contact Person:

Address:

City: **State:** NC **Zip Code:**

Dominant Community Risk: Steep, Narrow streets, Fuel Clearance zones less than 30 feet

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	5
Road Width	4	Fuel Clearance Zone	25	Building Construction		Total	
All-Season Road Cond.	3	Topography		Building Construction	7	Total Number of Scoresheets Completed	
Fire Service Access	5	Slope	4	Building Setback	0	Total Points	99
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	0	Water Source Avail.	5		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.	Awareness	12/1/2011		VFD & DFR

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.	Referral to Mitigation Program	12/1/2011		DFR

Notes:

North Carolina Community Wildfire Protection Plan

5 Area Name: Woodland Hills **Hazard Rating:** High
Latitude: 35.55433 **Longitude:** -82.01069 **Number of Homes:** 7 **Number of Lots:** 37
Dominant Fuel Type: 9. Hardwood Litter **Community Contact Person:**
Address:
City: **State:** NC **Zip Code:**
Dominant Community Risk: Narrow Steep access, High elevations with deep hollows,, surrounded by cutover
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	4
Road Width	4	Fuel Clearance Zone	10	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	10	Total Number of Scoresheets Completed	
Fire Service Access	5	Slope	10	Building Setback	1	Total Points	102
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	10	Water Source Avail.	5		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.	Awareness	12/1/2011		VFD & DFR

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Improve safety of road access through the development by understory fuels reduction along the road a distance of 20 ft wide. Hand crews with chipper	Fuel Reduction	12/1/2011		NC DFR - Private Contractors

Notes: Funded through ARRA

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.	Referral to Mitigation Program	12/1/2011		DFR

Notes:

North Carolina Community Wildfire Protection Plan

6 Area Name: Wright Road **Hazard Rating:** High
Latitude: 35.63184 **Longitude:** -82.05590 **Number of Homes:** 105 **Number of Lots:** 173
Dominant Fuel Type: 9. Hardwood Litter **Community Contact Person:**
Address:
City: **State:** NC **Zip Code:**
Dominant Community Risk: Narrow Drives, Very Poor Access
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	5
Road Width	4	Fuel Clearance Zone	10	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	96
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	0	Miscellaneous	5	Water Source Avail.	10		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Increase public awareness about wildfires through mailings & literature to reduce the risk of fires.	Awareness	12/1/2011		VFD & DFR

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Evaluate areas for fuel reduction needs. If applicable, develop fuel mitigation plans and apply for cost share.	Referral to Mitigation Program	12/1/2011		DFR

Notes:

C. FIRE PREVENTION PROGRAMS

1 Project Name: Smokey Bear **Population Reached:** 500

Project Description: NCFS presents Smokey Bear and Fire Prevention Programs in area elementary schools for grades K-2 during Fire Prevention Week in October. NCFS and Smokey Bear also attend local parades.

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

Community(s) Targeted (if applicable): Area elementary schools.

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
NCFS presents Smokey Bear and Fire Prevention Programs in area elementary schools for grades K-2 during Fire Prevention Week in October. NCFS and Smokey Bear also attend local parades.	10/1/2011		NCFS	NCFS

Notes:

North Carolina Community Wildfire Protection Plan

2 Project Name: West Marion

Population Reached:

Project Description: Fire Prevention in School

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):

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Truck demonstration, smoke house, school programs	10/1/2010		VFD	VFD

Notes:

D. PREPAREDNESS ACTIONS

1 Preparedness Item: Brush Truck

Planning Office: VFD

Preparedness Need: F-350 4X4 300 gal tank

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action F-350 - 300 gal tank	12/1/2011		VFD	VFD

Notes:

2 Preparedness Item: Building

Planning Office: VFD

Preparedness Need: Expand Building -Add two more bays

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Infrastructure Improvement Action New Building	1/10/2012		Federal Grant	VFD

Notes:

3 Preparedness Item: Engine

Planning Office: VFD

Preparedness Need: New Type 1 Engine within 5 years

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action New Type 1 Engine	12/1/2015		VFD & Federal	VFD

Notes: To replace old truck in 5 years

North Carolina Community Wildfire Protection Plan

4 Preparedness Item: PPE

Planning Office: VFD

Preparedness Need: 10 Fire Shelters

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action 10 Fire Shelters	12/1/2011		50/50 State Grant	VFD/DFR

Notes:

5 Preparedness Item: Wildland PPE

Planning Office: VFD

Preparedness Need: Replace worn out gear and tools.

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action Purchase 10 new sets of nomex shirts and pants, 10 fire packs, 10 Fire Shelters, 5 fire rakes, 2 Pulaski's, a new 044 Stihl chain saw and 30 Gallons Class A Foam.				

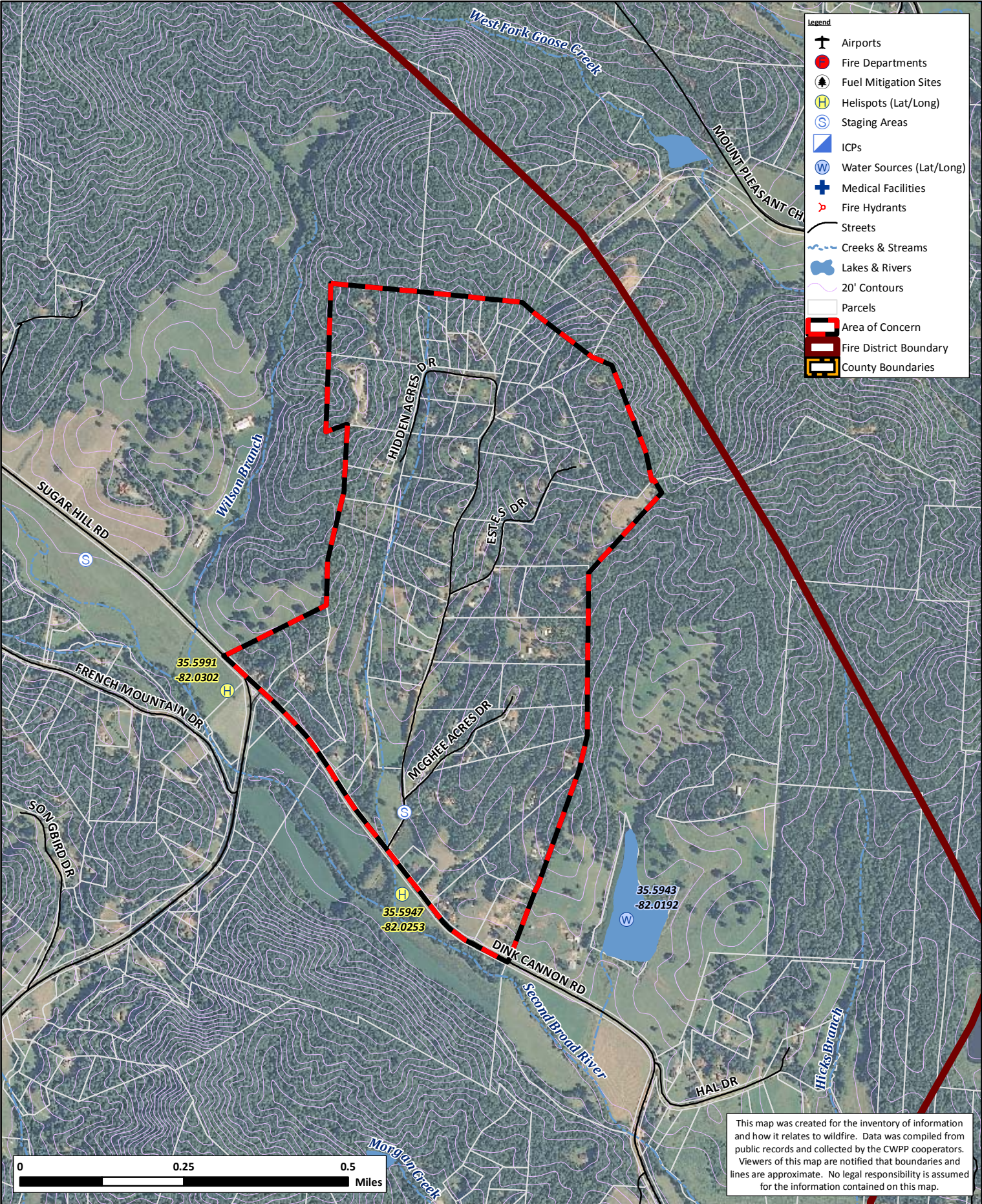
Notes:

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS:

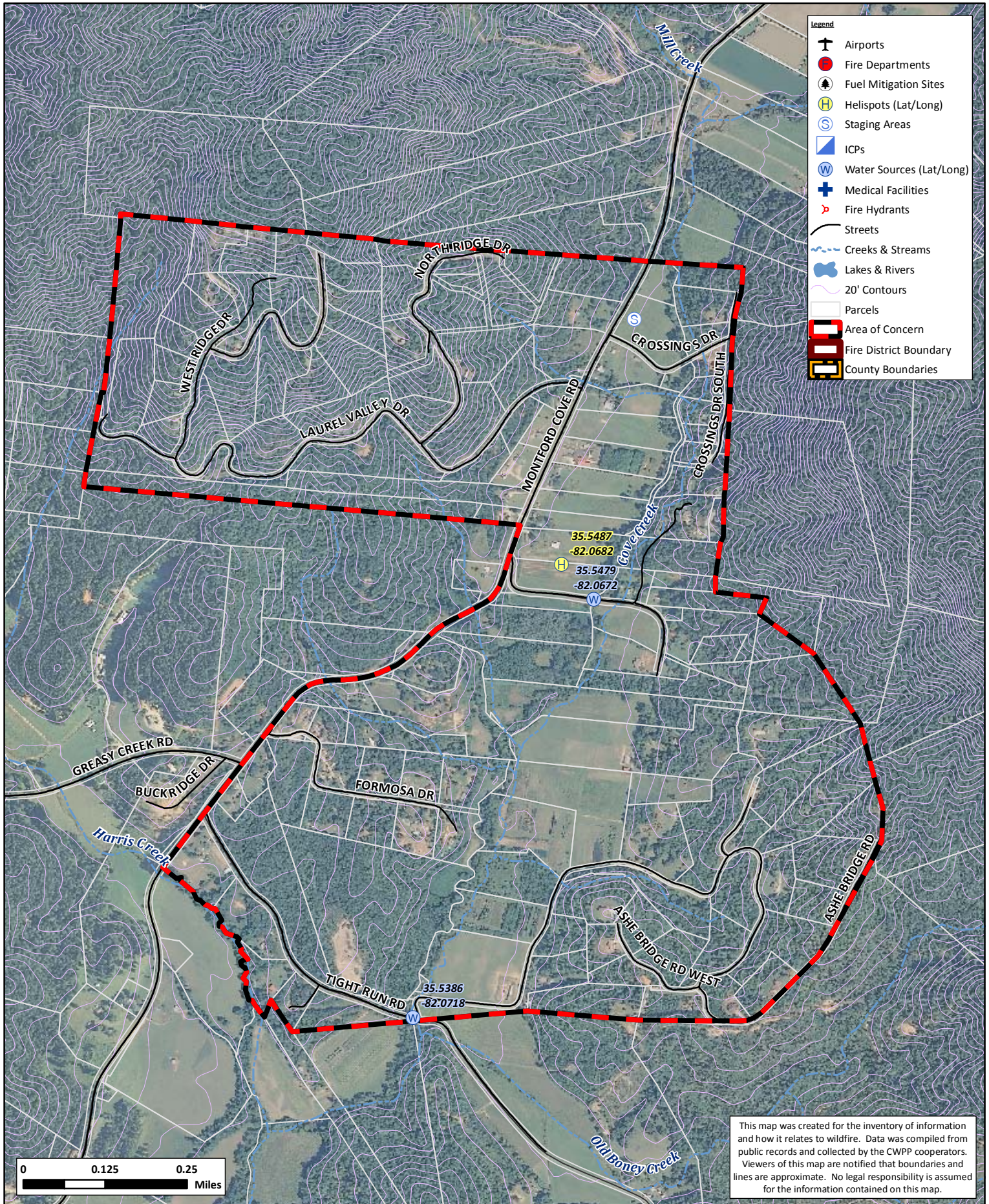
Sugar Hill-Montford Cove FD CWPP

Hidden Acres Area of Concern

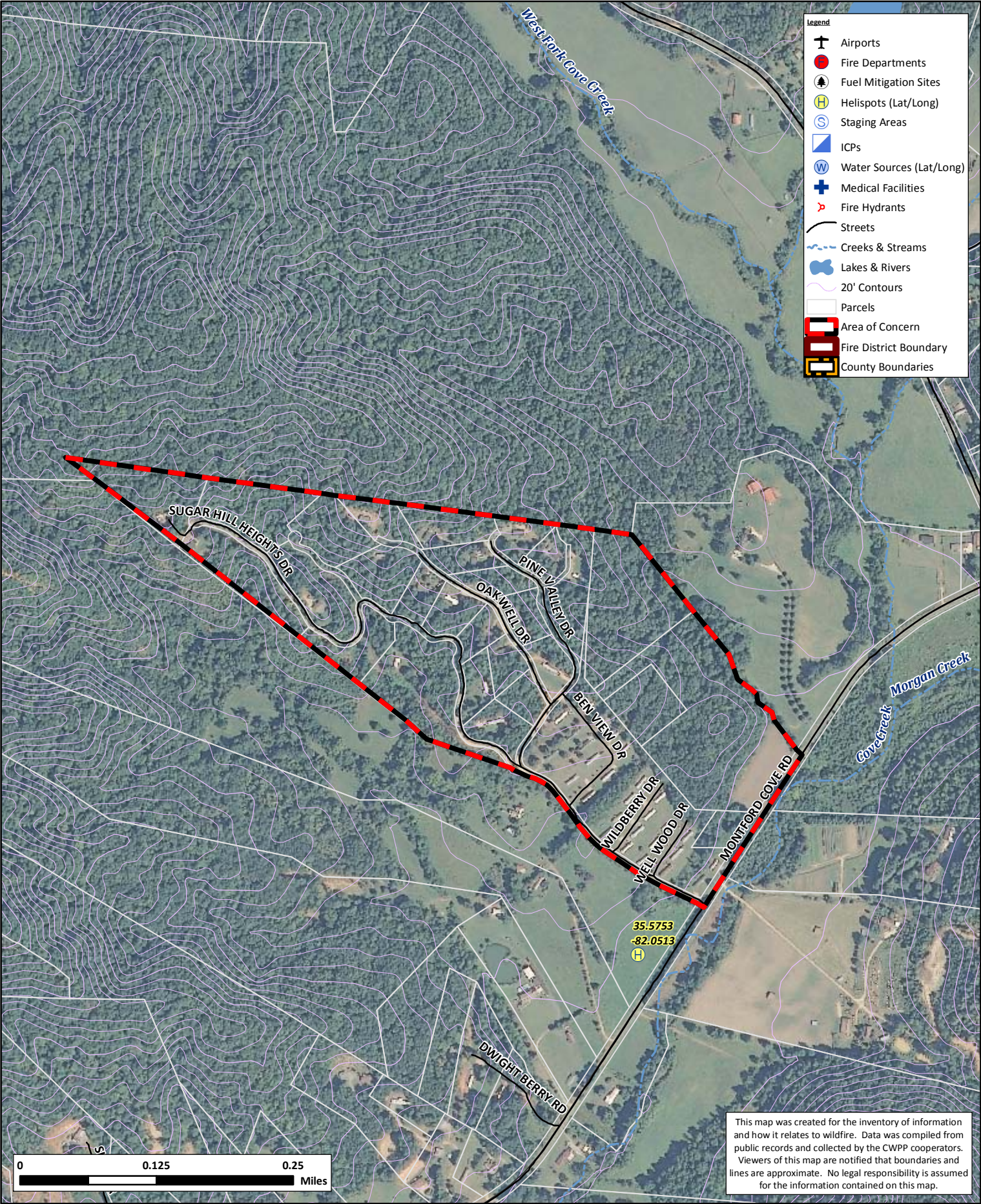


Sugar Hill-Montford Cove FD CWPP

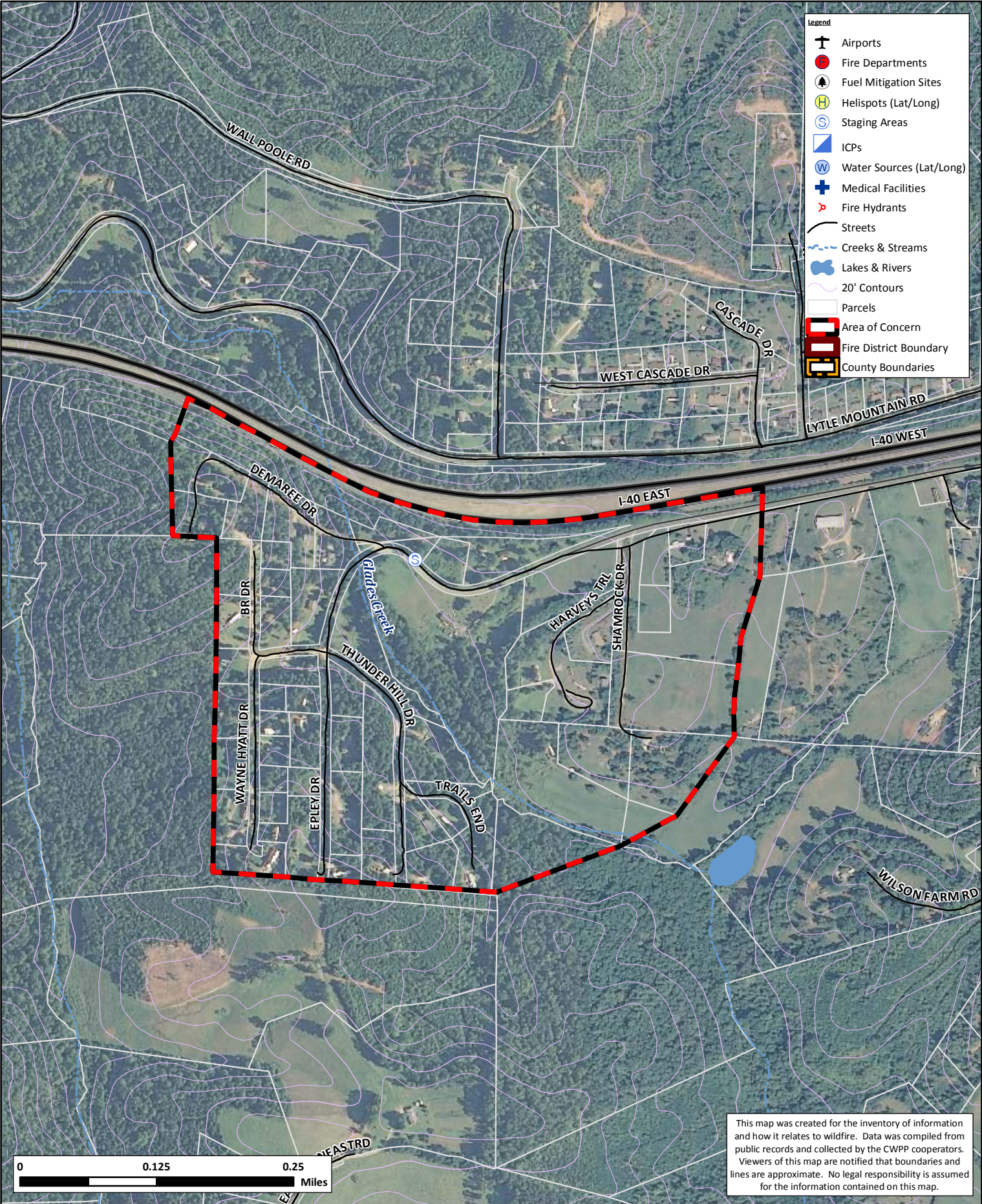
Laurel Valley-The Crossings Area of Concern



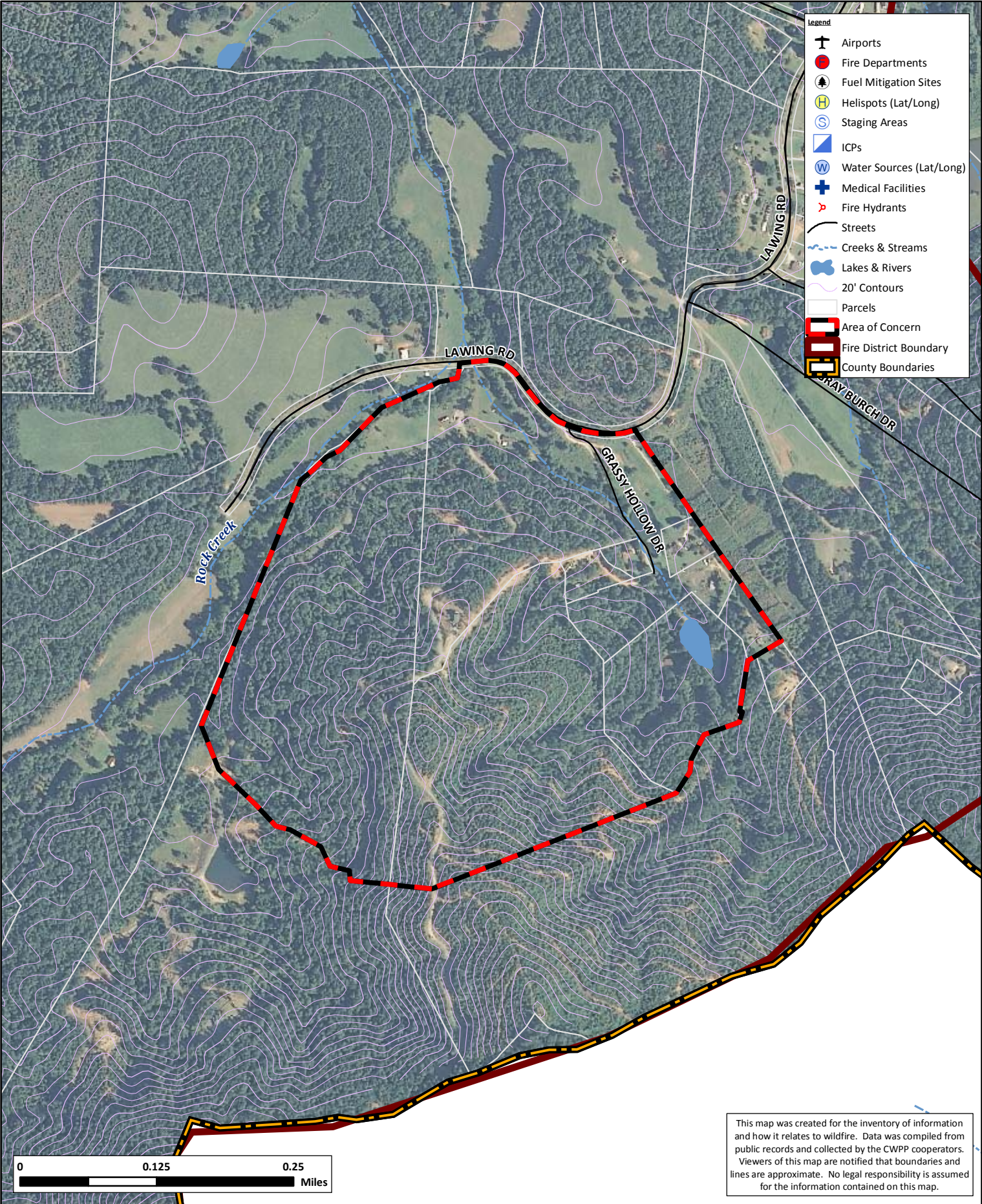
Sugar Hill-Montford Cove FD CWPP
Sugar Hill Heights Area of Concern



Sugar Hill-Montford Cove FD CWPP
Thunder Hill Area of Concern



Sugar Hill-Montford Cove FD CWPP
Woodland Hills Area of Concern



Sugar Hill-Montford Cove FD CWPP
Wright Road Area of Concern

