



*Knowledge to Go Places*

Boulder District  
5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

October 16, 2003

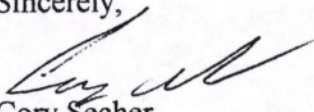
Eric Phillips  
Boulder County Land Use Dept.  
P.O. Box 471  
Boulder, CO 80306

Dear Eric,

This letter is to inform you that Roger Horton, SPR# 03-007 has completed his fire mitigation work on his property located 1415 Longmont Dam Road. The Colorado State Forest Service has inspected Roger Horton's work accomplishment on October 10, 2003 and is satisfied with the results.

If you have any questions please contact us at 303-823-5774 or by email at [csecher@lamar.colostate.edu](mailto:csecher@lamar.colostate.edu).

Sincerely,



Cory Secher  
Forester



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5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

October 16, 2003

Roger Horton  
P.O. Box 1915  
Lyons, CO 80540

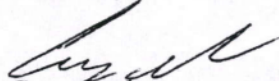
Docket Number: 03-007

Dear Roger Horton,

This letter is to notify you that the inspection of your wildfire mitigation around your property located at 1415 Longmont Dam Road, for your Site Plan Review requirements were satisfactory. A letter has been sent to County Land Use Department informing them of our completed inspection. Please contact County Land Use Department at 303-441-3930 for the next step in this process.

If you have any questions please contact me at 303-823-5774 or by email at [csecher@lamar.colostate.edu](mailto:csecher@lamar.colostate.edu).

Sincerely,



Cory Secher  
Forester





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5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

March 14, 2003

Roger Horton  
P.O. Box 1915  
Lyons, CO. 80540

Dear Roger,

Enclosed is a copy of the Wildfire Mitigation Site Plan Review for Mr. Roger Horton, building address of 1415 Longmont Damn Rd, also known as County Rd. 80. The Site Plan Review Number is SPR#03-007, for residence and gazebo construction.

The confusion we encountered is that you had applied for a barn SPR in 2001, which was the only SPR number we had access to when the plan was originally written on January 17, 2003. Your new SPR number is 03-007, which has been updated on your new plan. We apologize for any inconvenience this may have caused you.

No further inspections are needed by the CSFS. If you have any questions about the SPR process or any concerns about forest management issues, please feel free to contact me at 303.823.5774.

Sincerely,

A handwritten signature in black ink, appearing to read "Cory Secher".

Cory Secher  
Forester





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Boulder District  
5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

## **WILDFIRE HAZARD MITIGATION PLAN – SPR # 03-007**

**Prepared for:**

Roger Horton  
P.O. Box 1915.  
Lyons, CO. 80540

On March 14, 2003

**Prepared by:**

Cory Secher  
Forester  
Colorado State Forest Service  
[hasmus@lamar.colostate.edu](mailto:hasmus@lamar.colostate.edu)

### **SITE LOCATION AND DESCRIPTION OF PROPERTY**

The property is located off of highway 7 approximately 5 miles north west of Lyons. The address of the property is **1415 Longmont Damn Rd, also known as County Rd. 80.**

The dominant fuel type consists of grasses and small mountain mahogany shrubs, with the occasional ponderosa pine within the surrounding area. There was no dominant overstory since the building site is centered within a large open area. No major disease or insect infestation was observed. There was no defensible space marked due to the absence of trees within the building site defensible area. The home site is centered on a South-facing slope with an 8-10% grade. The property is located within the Lyons fire protection district (303-823-6611).

The property is characterized by **Fuel Model 1**. Fuel Model 1 is represented by short grasses with or without the presence of few and widely scattered shrubs or trees.

The initial property inspection, final inspection, and wildfire hazard mitigation consultation occurred on January 15, 2003. Tree marking was not necessary for fire mitigation purposes due to the absence of trees within the building site defensible space. Payment for the consultation and written plan was received on 1-28-03, for the amount of \$150. Payment for the final inspection was received on 1-28-03, for the amount of \$45. **Payment in full has been received.**



## RECOMMENDATIONS

As detailed in fact sheet 6.302, *Creating Wildfire Defensible Zones*, an important factor that determines a structure's ability to survive wildfire is defensible space. Defensible space is a maintained area around a structure where fuels (flammable materials) are modified to slow the possible spread of wildfire to the structure, as well as from the structure to the surrounding areas. Defensible space provides a place where structure protection and fire suppression operations may occur. Wildfire hazard mitigation work breaks up fuel continuity, potentially decreasing a wildfire's intensity, and for more effectiveness should be completed beyond a home's defensible space area.

It is recommended that access driveway, as well as the property address, be marked with visible signage.

There are three zones of protection to be created around the homesite for defensible space. Zone 1 is the most critical and affords the most protection to the site. Zones 2 and 3 are extensions of this protection.

### ZONE 1

Zone 1 is the area of maximum modification. It starts at the foundation or outer edge of the structure (i.e. from the "footprint" of the home site, which may include decks, balconies, and character trees accepted by the inspecting forester) and extends out 15 feet in all directions. All flammable vegetation should be removed in this zone. As per Boulder County Land Use Department, create a 3-foot wide strip of nonflammable groundcover immediately adjacent to the structure. This can be accomplished by using decorative rock or gravel. This strip should surround the house and extend under any decks to 2 feet out past the drip line of the decks.

Thinning and pruning are necessary to create defensible space at the site. **All trees marked in blue should be removed.** Trees for removal were selected because of their poor form and/or lack of vigor in addition to their close spacing. Tree removal will improve the health of the remaining trees in addition to mitigating wildfire hazards.

Remove ladder fuels from beneath trees. Ladder fuels are small shrubs, trees, tree limbs, etc. that allow a fire to climb into a tree's crown. **Limb trees to a height of ten feet on the remaining trees in this zone.** For young, small trees in this zone, limb the lower third of the tree's height.

### ZONE 2

Zone 2 extends out from zone 1; it is a transition zone between the heavily thinned areas near the house to a more traditional forest setting. In this zone, some clusters of trees are acceptable if there is adequate spacing between clusters.

Zone 2 may extend 40-90 feet from the structure depending on the slope and aspect of the site. On your property we have considered Zone 1 and 2 to extend approximately 45 feet each, from all sides of the structure. In zone 2, **limb remaining trees to a height of eight feet.** As you approach the outer edge of zone 2, reduce limbing height to six feet. Lower branches of young, small trees in this zone should be limbed to one third of the tree's height.



### ZONE 3

Zone 3 extends out from zone 2, and is of no set shape or size. Forested land in this zone could be thinned for increased overall forest health and wildfire hazard reduction. The following guidelines apply if you (and your neighbors) decide to work in these areas.

- Thin suppressed trees and trees with disease and insect infestations and retain the larger, healthier trees.
- Snags should be retained for wildlife.
- Some slash in this zone can be lopped and scattered and/or piled for wildlife enhancement and shelter.
- Large amounts of slash should be disposed of by chipping, hauling to an approved site, or burning.
- For burning permits, check with your local fire protection district.

**All cutting, limbing and slash treatments must be completed prior to scheduling an inspection. Contact me to set up an inspection date at least two weeks before you need the approval.**

Implementing this wildfire mitigation plan and maintaining your defensible space will help reduce the threat of wildfire to your home, but does not guarantee its safety.

In addition to the above recommendations, several other measures can be taken to make your home and family more prepared for and adapted to life in a fire prone ecosystem. While not required through Site Plan Review, other measures are recommended for those who live in the wildland-urban interface. These include:

1. Be aware of fire danger. Signs are posted at the entrances of most major canyons.
2. Clean roof and gutters at least twice a year.
3. Stack firewood uphill at least 15 feet from buildings.
4. Do not store combustibles under decks.
5. Screen off foundations, roof and attic openings.
6. Screen and maintain spark arresters on chimneys.
7. When possible, maintain an irrigated greenbelt around the home.
8. Connect and have available at least 50 feet of garden hose during fire season.
9. Post lot and house numbers so that they are clearly visible.
10. Maintain the site's defensible space annually. Contact the Colorado State Forest Service for a 5-year maintenance inspection.



## DEFINITIONS

Aspect – Exposure. The direction a slope faces.

Canopy – The cover of branches and foliage formed collectively by crowns of adjacent trees.

Crown – Branches and foliage of a tree.

Dominant fuel type – Matter that would carry a fire, found on the ground.

Fuel continuity – The proximity of fuels to each other. Helps determine if a fire can sustain itself.

Limb (verb) – To remove the branches from a tree.

Overstory – The tree species that forms the uppermost forest layer.

Snag – Standing dead tree, often used by wildlife such as woodpeckers, owls, and sometimes squirrels.

Wildfire mitigation plan – A plan to reduce wildfire hazards around a home or other structure through fuels reduction and landowner awareness.



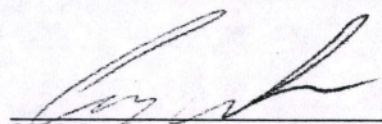
To: Regan Hanton  
141634 Mariposa Ct.  
Westminster, CO 80020

Invoice No. 61197 ✓ D

**Colorado**  
**State**  
FOREST  
SERVICE

Date: 1-28-07

Item	Unit Cost	Total
1 SPR - Inspection/Plan Payment		195.00
2		
3		
4		
5		
6		
7		
8		
9		
Tax Exempt No. _____		Sales Tax _____

  
CSFS Originator \_\_\_\_\_  
Payment Due By \_\_\_\_\_

Remit to:

Total		195.00
CK-CA-MO Amount Paid:		195.00
Amount Due		_____
Ck# 1794	Dated 1-28-03	
Rcv'd By Cery	F.Y. 02-07	
Funding		Amount
<del>1145500</del>		
223570	0615	195.00

Deposit No. \_\_\_\_\_ Date \_\_\_\_\_

White-Customer copy; Yellow-State Office copy; Pink-Project copy





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5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

March 14, 2003

Eric Philips  
Boulder County Land Use Department  
P.O. Box 471  
Boulder, CO 80306

Hey Eric,

Enclosed is a copy of SPR # 03-007, for Roger Horton's property. My initial inspection was on January 17, 2003. The property address is **1415 Longmont Damn Rd, also known as County Rd. 80**. No marking was necessary due to the absence of trees within or around the building site.

There was a bit of confusion due to a misplaced SPR number. The original plan used the SPR number for a 2001 barn application (SPR#01-191). This has been updated on the new plan and has been sent to Mr. Horton for his records.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Cory Secher".

Cory Secher  
Forester



## **WILDFIRE HAZARD MITIGATION PLAN – SPR # 01 - 191**

**Prepared for:**

Roger Horton  
P.O. Box 1915.  
Lyons, CO. 80540

On January 17, 2003

**Prepared by:**

Cory Secher  
Forester  
Colorado State Forest Service  
[hasmus@lamar.colostate.edu](mailto:hasmus@lamar.colostate.edu)

### **SITE LOCATION AND DESCRIPTION OF PROPERTY**

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The property is characterized by **Fuel Model 1**. Fuel Model 1 is represented by short grasses with or without the presence of few and widely scattered shrubs or trees.

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### **RECOMMENDATIONS**

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- For burning permits, check with your local fire protection district.





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Boulder District  
5625 Ute Highway  
Longmont, Colorado 80503-9130  
(303) 823-5774

January 16, 2003

Roger Horton  
P.O. Box 1915  
Lyons, CO 80540

Dear Roger,

Enclosed is a copy of the Wildfire Mitigation Site Plan Review for your property located at 1415 Longmont Damn Rd.

No further inspections are needed by the CSFS. If you have any questions about the SPR process or any concerns about forest management issues, please feel free to contact me. I wish you the best of luck in your soon to be new home.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cory Secher".

Cory Secher  
Forester