

To: JOAN B. BROOME
3094 CARRIAGE HILLS DR.
BOULDER, CO 80302

Receipt
Invoice No. 44165

**Colorado
State**
FOREST
SERVICE

Date: 9/8/97.

Item	Unit Cost	Total
1 FIRE MITIGATION + DWARF MISTLETOE CONTROL	\$100.00	\$100.00
2 SITE VISITS AND MARKING		
3		
4		
5		
6		
7		
8		
9		
Tax Exempt No. _____	Sales Tax _____	

[Signature]
CSFS Originator

Payment Due By _____

Remit to:

COLORADO STATE FOREST SERVICE
BOULDER DISTRICT
936 LEFTHAND CANYON DRIVE
BOULDER CO 80302

Total	\$100.00
CK-CA-MO Amount Paid:	\$100.00
Amount Due	
Ck# 1193	Dated Sept 8 1997
Rcv'd By <i>[Signature]</i>	F.Y.
Funding	Amount

Deposit No.

Date

S E R V I C E A G R E E M E N T

THIS AGREEMENT, made this _____ day of _____ 1997 by and between _____ Paul and Joan Broome _____, who resides at _____ 3094 Carriage Hills Dr, Boulder CO 80302 _____, hereinafter referred to as the LANDOWNER, and the State Board of Agriculture, in behalf of the Colorado State Forest Service, Boulder District, 936 Lefthand Canyon Drive, Boulder, CO 80302 (442-0428), hereinafter referred to as the FOREST SERVICE; and

WHEREAS, the FOREST SERVICE has the expertise to provide forest practice services; and

WHEREAS, the LANDOWNER desires to implement forest practices described in this Agreement,

NOW, THEREFORE, it is hereby agreed that:

1. LANDOWNER warrants that he/she is the owner of the property described as follows, or has obtained authority from the owner of said property to grant all rights to the FOREST SERVICE provided for in this Agreement. The property is described as follows: **3094 Carriage Hills Dr, approx. 35 acres.**
2. LANDOWNER grants to FOREST SERVICE the right of access to the above described property for the following purposes: In order to carry out tree marking for the purpose of implementing improved forest health and fire mitigation.
3. FOREST SERVICE agrees to provide the services specified in Paragraph 2 of this Agreement in consideration for: **\$100.00** service fee which includes administration charge, site visit, and tree marking.
4. It is understood between the LANDOWNER and the FOREST SERVICE that this Agreement shall begin on the date first above written, and shall remain in force until JANUARY 1998.
5. This Agreement may be terminated by either party ten (10) days following written notice to the other party.
6. FOREST SERVICE may assign the rights provided for in this Agreement to a subcontractor of its choice without obtaining

the approval of the LANDOWNER.

7. The Colorado State Forest Service shall maintain during the life of this Agreement such liability insurance as is required by Colorado law.

8. This Agreement shall be extended due to inability of the FOREST SERVICE to perform the work due to circumstances beyond its control or as mutually agreed to by the LANDOWNER and FOREST SERVICE. All extensions will be written and become a part of this Agreement.

9. Financial obligations of FOREST SERVICE payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted and otherwise made available.


10. The FOREST SERVICE agrees as part of this Agreement that it will comply with all applicable laws regarding discrimination on the basis of race, creed, color, sex, or handicap including but not limited to Executive Order 11246 as amended or as may be further amended hereafter.

11. The laws of the state of Colorado and rules and regulations issued pursuant thereto shall be applied in the interpretation, execution and enforcement of this Agreement.

12. The signatories hereto aver that they are familiar with 18-8-301, et. seq., (Bribery and Corrupt Influences) and 18-8-401, et. seq., (Abuse of Public Office), C.R.S. 1973, as amended, and that no violation of such provision is present.

13. The signatories aver that to their knowledge no FOREST SERVICE employee has any personal or beneficial interest whatsoever in the services or property described herein.

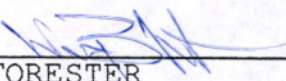
IN WITNESS WHEREOF the parties hereto have executed this Agreement on the day first above written.



LANDOWNER

9/8/97

DATE

 WAYNE BLOXIDGE

FORESTER
COLORADO STATE FOREST SERVICE

9/8/97

DATE



Boulder District
936 Lefthand Canyon Drive
Boulder, Colorado 80302
(303) 442-0428

August 26, 1997

Paul and Joan Broome
3094 Carriage Hills Dr
Boulder, CO 80302

Dear Mr & Mrs Broome:

It was a pleasure talking with you about wildfire mitigation efforts and forest health improvements at your home site. This plan will reinforce the topics we discussed and recommend treatments to mitigate wildfire hazards and address the dwarf mistletoe infestation.

DESCRIPTION OF PROPERTY

The property is located at 3094 Carriage Hills Dr, in Boulder County. The dominant fuel type are grasses and forest litter, with some smaller deadwood material immediately around your structures. The overstory is a stand of Ponderosa pine that is infected with dwarf mistletoe. The successional process of converting to a Douglas-fir stand is occurring throughout your property. Aspect is to the east with a slope of 20 percent. Access to the property is via a short length private drive.

FIRE MITIGATION RECOMMENDATIONS

There are several options which can be taken to create a fire safe zone around your site, these options are explained in detail in the Service in Action Sheet #6.302, which is in your information package. There are three zones of protection which are to be created around the homesite. 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

This zone will start at the foundation and extend out in all directions. Immediately adjacent to the structure, we recommend

creating a strip of nonflammable ground cover. This can be accomplished using decorative rock or gravel. This strip should be three to five feet wide and should surround the house. This strip should also extend back under and two feet out past the drip line of any decks.

All trees within this area marked with paint should be removed. All remaining trees should be pruned to a minimum height of ten feet from the ground and for a distance of 20 feet out from the structure. For the remaining distance, trees should be pruned to a height of eight feet, with the height reducing to six feet upon approaching the property boundary or flagging indicating defensible space area.

ZONE 2

This zone extends out from Zone 1, and acts as a transition zone between the heavily thinned area near the house to a more traditional forest setting. Space trees as in Zone 1 and increase tree density as you approach the outer edge of the zone. Prune trees to a height of six feet at the intersection of Zone 1 and reduce the height as you approach Zone 3. In this zone, some thicker clumps of trees are acceptable, as well as some unpruned trees near the outer edge. In general, poor quality, suppressed trees make up the majority of the removals. At your homesite, this zone can be improved over time to add to the overall fire safety of the house.

ZONE 3

This zone will extend out from Zone 2, and is of no set shape or size. At your site this zone could extend out in areas that are not part of the immediate mitigation efforts. This zone would add some protection, but is aimed more at forest health. Thin trees that are suppressed, or have insect or disease infestations. Retain the larger, more healthy trees. Slash in this zone should be lopped and scattered and/or piled for wildlife. For more information contact the Colorado State Forest Service.

All slash within area defined by flagging as defensible space needs to be disposed of by chipping, or hauling to an approved disposal site, or by burning. For burning permits, check with your local fire protection district.

In addition to the above recommendations, several other measures can be taken to make your home and family more fire safe. The following measures should be noted and practiced by all who live in the wildland-urban interface:

1. Be aware of fire danger, signs are posted at the entrance of

most major canyons.

2. Clean your roof and gutters at least two times a year.
3. Stack firewood uphill at least 30 feet away from buildings and clear weeds and grass from around the pile.
4. Don't 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, a minimum of 50 feet of garden hose.
9. Post Lot and house numbers so that they are clearly visible.
10. Maintain your defensible space yearly, and contact the Colorado State Forest Service for a five year maintenance inspection.

Mitigation of dwarf mistletoe infestation

By carrying out fire mitigation efforts around structures you are reducing the spread and reducing the infestation of dwarf mistletoe (DMT) in ponderosa pine trees. The methods for control of this disease is mainly through mechanical application. Pruning, thinning, and providing large openings are effective mechanical applications.

Trees that are severely infected with DMT or those with few live branches should be felled. Heavily infected large trees continue to shower seeds on nearby trees and start new infections 30 to 60 feet away. Trees dead branches or dead tops are hazard trees with the potential of causing damage to person and property. Infected trees can be retained if isolated or pruning of infected branches is carried out prior to seed dispersal. Pruning of infected branches removes the seed source, removes some of the DMT and reduces the stress placed on the tree. Pruning off infected branches can improve the health of the tree and lengthen its life.

Felled trees or cut branches do not have to be burned or destroyed because the mistletoe shoots die quickly and cannot spread the disease. Maintaining or planting alternative resistant tree species is a good alternative when cutting heavily infected stands.

This is a standard management plan with modifications to meet your property requirements. It has been a pleasure working with you. If you have questions, please contact me at the above number.

Sincerely,

BLANK SPR MITIGATION PLAN FORM

TODAY'S DATE: _____

NAME: Paul + Joan Broome

MAILING ADDRESS: _____

SITE ADDRESS: _____

if not provided
by
Land Use !!!

SPR # _____ SECTION _____ TOWNSHIP _____ RANGE _____

DOMINANT FUEL TYPE _____ OVERSTORY _____

ASPECT _____ SLOPES _____ %

DRIVEWAY: short medium long

Stage One D-space + Forest Health DMT
\$100
180ft down slope