



COPY

### Colorado State Forest Service Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Forest Restoration Grant (SB71 and HB1199)	
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	
Insect and Disease Prevention and Suppression Program	
State Fire Assistance (a.k.a.: SFA)	
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	✓
Stevens Fuels Treatment Funds	
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	
Emergency Supplemental Funds (a.k.a.: ESF)	

Checked for Federal suspension and debarment (State Office) <http://www.epls.gov/> 09-07-11  
KC

Name: Berthoud Fire Protection District

Address: P.O. Box 570  
Berthoud, CO 80513

**Approved for Payment**  
**C.S.F.S.**  
1491139  
09-07-11  
KC

The above named has submitted a project application that has been reviewed and approved by the Colorado State Forest Service for funding from Federal Assistance.

Grant Number: 530829-05-FC Cooperator Match: \$4,323.<sup>50</sup> N

Approved Funding: \$6,800 N Total Project: \$8,647.<sup>00</sup> N

CSFS Account Number: 5308290 - 6693 Amount of Payment: \$4,323.<sup>50</sup>

'08CPG SFA-NFA CG2 FC

Circle one: 1<sup>st</sup> Payment    2<sup>nd</sup> Payment    3<sup>rd</sup> Payment    Final Payment

Approved by [Signature]  
(Program manager signature)

Date: 8/31/11

EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number: 530829-05 -FC

In order to receive reimbursement, you **must** provide documentation supporting your expenditures covered by this initial disbursement and the corresponding match. You may request reimbursement on a monthly basis as you incur expenses, however the final 10% of the award amount will not be released until the final closeout report is received and accepted. Reimbursement requests must be accompanied by receipts for costs incurred and documentation of matching funds. Federal Funds **cannot** be used as sources for meeting the cost sharing (matching) provisions. **Matching Funds are expenses for goods, services and labor necessary for project implementation and incurred by the applicant which are not reimbursed with Federal Funds.**

1. Project #: 530829-05	2. Project Funding Amount: \$6,800	3. Community Protected: Sprague, Hertha Ridge, Wark
4. Make Payment To: Name: Berthoud Fire Protection District Address: PO Box 570 Berthoud, CO 80513		5. Period of Performance: From: Mar-11 To: May-11

6. What was accomplished? (Quantity or Status of Project. Please provide a description of accomplishments. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of cubic feet or yards of slash collected, number of presentations, number of plans written. Attach additional sheets as necessary.)

Please see the attached Statemnet of work from Healthy Forest Mitigation.

Fuels reduction on 11.5 acres of ponderosa pine - dominated private lands adjacent to Carter Lake. Project tied in with previous years' work on Cougar Lake and with Larimer County Fuels reduction work on Carter Lake. (DS)

7. Reimbursement Request:

Project to Date Reimbursement Request Amount cannot exceed the total Project obligation as identified in the Project Document. The Total Reimbursement Request Amount cannot exceed the Total Matching Funds amount for the period being billed.

	Current Period				Project to Date			
	Reimbursement Amount Requested For Out of Pocket Expenses	Matching Funds		Total Costs	Reimbursement Amount Requested For Out of Pocket Expenses	Matching Funds		Total Costs
		Cash (hard match)	Donated (Inkind match)			Cash (hard match)	Donated (Inkind match)	
Labor*					8,647.00			8,647.00
Material**					8,647.00			8,647.00
Total					8,647.00			8,647.00

Donated time and materials can only be counted towards the matching component.

\* Use actual costs or \$20.25/hour for donated or volunteers' time.

\*\* Use actual costs or fair market value of donated materials, supplies, or equipment use.

\$4,323.50      \$4,323.50  
(DS)

8. Amount Paid to CSFS for Products and/Or Services : \$

9. I request reimbursement in the amount of \$ 4323.50 for the work completed and documented above. I certify that to the best of my knowledge and belief this report is correct and complete and that all outlays reported are for the purposes set forth in the project documents.

Signature: *Stephen Charles* Date: *August 16, 2011*

All expenses are true and accurate and all cost share is true and accurate.

10. Certification (To be completed by CSFS District):

Work meets minimum standards as set forth by CSFS.

Signature: *Alvin C. Self* Date: *August 30, 2011*

EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
- COMPETITIVE GRANTS

Project Number: 530829-05

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	Current Period			Project to Date			
	Reimbursement Amount Requested	Matching Funds		Reimbursement Amount Requested	Matching Funds		Total Costs
	For Out of Pocket Expenses	Cash (hard match)	Donated (Inkind match)	For Out of Pocket Expenses	Cash (hard match)	Donated (Inkind match)	
Labor*				8,647.00	8,647.00	-	8,647.00
Material**							
Total				8,647.00	8,647.00	-	8,647.00

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## Colorado State Forest Service Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Forest Restoration Grant (SB71 and HB1199)	<input type="checkbox"/>
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	<input type="checkbox"/>
Insect and Disease Prevention and Suppression Program	<input type="checkbox"/>
State Fire Assistance (a.k.a.: SFA)	<input type="checkbox"/>
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	<input checked="" type="checkbox"/>
Stevens Fuels Treatment Funds	<input type="checkbox"/>
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	<input type="checkbox"/>
Emergency Supplemental Funds (a.k.a.: ESF)	<input type="checkbox"/>

Checked for Federal suspension and debarment (State Office) <http://www.epls.gov/>

Name: Berthoud Fire Protection District

Address: P.O. Box 570

Berthoud, CO 80513

The above named has submitted a project application that has been reviewed and approved by the Colorado State Forest Service for funding from Federal Assistance.

Grant Number: 530829-05 Cooperator Match: \$4,323.<sup>56</sup>

Approved Funding: \$6,800 Total Project: \$8,647.<sup>00</sup>

CSFS Account Number: 530829-05-6693 Amount of Payment: \$4,323.<sup>50</sup>

Circle one:    1<sup>st</sup> Payment    2<sup>nd</sup> Payment    3<sup>rd</sup> Payment    Final Payment

Approved by \_\_\_\_\_ Date: \_\_\_\_\_  
(Program manager signature)

8/30/2011

mailed reimbursement request  
to Scott Woods.

Captain Nico Romero stated  
to me that no more funds  
would be spent this year.  
Remaining dollars = \$ 2,476.<sup>00</sup>

MAY 25 REC'D

## Healthy Forest Mitigation Services

311 Warwick Street  
Frederick, Colorado 80530  
303-833-0329 or 303-903-9023  
wildfire2283@msn.com



### Invoice

**Contracted By:** Berthoud Fire Department

**Invoice:** 1036

**Date:** May 22, 2011

**Project Name:** Cougar Lane

**Project Summary:** (North Unit)

- Mitigation of 4.5 acres which included dropping, limbing and piling of slash for chipping
- Limb all remaining trees
- Stack boles in place in lengths of 4 feet
- Chipping of slash
- Meet all requirements of the scope of work for the project written by Anchor Point

**SUBTOTAL:**

\$7,200.00

**Project Objectives:** (South Unit)

- Mitigation of previously treated acres which included: dropping, limbing and piling the slash for chipping
- Limb all remaining trees
- Stack boles in place in lengths of 4 feet
- Chipping of slash
- Meet all requirements of the scope of work for the project written by Anchor Point

**SUBTOTAL:**

\$1,447.00

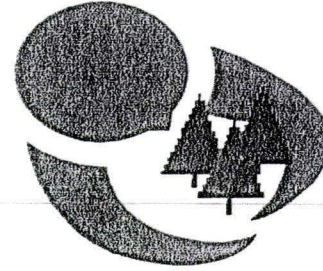
**AMOUNT DUE:**

\$8,647.00

Thank you, Nicole Palestro

# Healthy Forest Mitigation Services

311 Warwick Street  
Frederick, Colorado 80530  
303-833-0329 or 303-903-9023  
wildfire2283@msn.com



## Statement of Work

**Project:** 1036

**Date:** March 8, 2011

**Contracted By:** Berthoud Fire (Anchor Point)

**Project Name:** Cougar Lane Fuels Reduction Project

### General Description of Work:

Reduce crown continuity by thinning the overstory and thin the understory to reduce ladder fuels and overall surface fuel loadings.

**Prescription:** (Includes both units following prescription written by Anchor Point)

#### Tree Removal

- Silviculture prescription will be uneven-aged, intermediate treatment with a target basal area of 50 to 70ft<sup>2</sup>/acre.
- Stem spacing will be 15 ft. x 15 ft. between stems for single trees and 20 ft. x 20 ft. between single stems for groupings of trees.
- Trees with signs of insect issues will be removed.
- Trees with a Dwarf mistletoe rating of 3 or greater will be removed.
- All remaining trees will be limbed to a height of 6 feet or 1/3<sup>rd</sup> the height, whichever is less.
- Stump heights will not exceed 3 inches on the up hill side
- 2 to 3 dead standing trees per acre will be retained for habitat trees
- Retained trees will be protected from skidding or felling damage

#### Slash Treatment

- Slash will be chipped back onto the forest floor
- Chip depth will not exceed 3 inches
- Chips will not be located in piles around the bases of retained trees

**Produced Wood Products**

- All bole wood will be bucked to a length no greater than 4 feet
- All bole wood will be left in place for landowner use

**Project Objectives:** (North Unit)

- Mitigation of approximately 5 acres which includes dropping, limbing and piling of slash for chipping
- Limb all remaining trees
- Stack boles in place in lengths of 4 feet
- Chipping of slash
- Meet all requirements of the scope of work for the project written by Anchor Point
- Time frame estimation for project 14 days (weather permitting)

**Cost:**

- Drop, limb, buck and pile slash for chipping.....\$1,100 per acre
- Chipping of slash.....\$500 per acre

**Total with chipping of slash: \$8,000**

**Project Objectives:** (South Unit)

- Mitigation of previously treated acres which includes: dropping, limbing and piling the slash for chipping
- Limb all remaining trees
- Stack boles in place in lengths of 4 feet
- Chipping of slash
- Meet all requirements of the scope of work for the project written by Anchor Point
- Time frame estimation for project 3 days (weather permitting)

**Cost:**

- Drop, limb, buck and pile slash for chipping.....\$25/hr per person
- Chipping of slash (2 person minimum).....\$15/hr per person
- Chipper usage.....\$76 per hour

**Estimated Cost with the 3 day time frame:.....\$1,448.00**

Note: Time frames stated above are only estimations. The South Unit will be billed accordingly.

## **Safety**

At no time will HFMS compromise the safety of personnel or sub-contractors working for HFMS by working under hazardous conditions such as freezing rain, heavy rainfall, lightning storms or snow pack greater than 12 inches in depth.

All personnel and sub-contractors working for HFMS that will be allowed to operate chainsaws will be trained sawyers.

All personnel and sub-contractors working for HFMS while working on the project site will be out-fitted and expected to wear all appropriate personal protective gear for the project.

## **Cleanliness of Site**

At no time will the site be left in a disorganized manner unless safety of personnel on the site is compromised by conditions beyond their control. Slash that is to be chipped will be left in neat organized rows along designated chipper paths and chipped by the end of the project time frame.

## **Road Work**

Any work that is performed along traveled roads along the project parameter will be signed or monitored by a HFMS person to ensure safe travel for motorists and pedestrians. At no time will a traveled road be blocked unless deemed necessary. If road closure is necessary appropriate procedures will be in place to lessen the amount of time it is closed with signage or personnel in place to forewarn travelers.

## **Time Frame**

The estimated time frame for completion of both units is 17 working days from the start date of the project and not to exceed 30 days in total. If an extension is needed to complete the project past the 17 days, HFMS will request an extension in writing to BFD in a timely manner. Delay of project will not exceed 30 days due to "Force Majeure" without approval from BFD.

## **Insurance**

Commercial general liability insurance will be in place during the length of the project. All personnel and sub-contractors working under Healthy Forest Mitigation Services will be covered under HFMS general liability insurance for the length of the project. BFD will be named additionally insured under HFMS general liability insurance.

All personnel working on the Cougar Lane project will have at minimum automobile liability insurance on vehicles brought on to the site.

All personnel working on the Cougar Lane project will be covered by their own personal medical insurance policies.

## **Cease of Work**

BFD has the right to halt work on the project at any time. HFMS requests that all halt work orders are given in writing and with complete explanation.

## Inspection of Project Area

BFD has the right to inspect the project area at any time. If any concerns have been raised during the inspection, HFMS requests that BFD notifies them as soon as possible in order to remedy the situation.

Following the completion of the project a BFD representative will inspect the site for completeness. If additional work is needed HFMS requests in writing the requirements necessary for completion and an expected time frame for those requirements.

## Billing

The project will be billed for in full once the inspection has of the work has been approved. Payment is due not later than 45 days from date posted on the invoice.

BFD signature Stephen Charles 2001 3-15-2011

HFMS signature Debra Aalstma 4-6-2011

Steve Charles

**From:** Chris White [cwhite@anchorpointgroup.com]  
**Sent:** Tuesday, January 11, 2011 7:15 PM  
**To:** Steve Charles  
**Cc:** Nico Romero; 'Chris White'  
**Subject:** RE: Officer Meeting Jan 12.Doc

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Chief, we can hire the contractor on a "turn-key" basis. I told them to propose an option of using our guys as a way to keep them proficient and current on their saws training. I'm with you, however, a turn-key project will be much easier to administrate and QA/QC. I'll review the proposal and give your their bid for that.

I'm in DC meeting with FEMA and won't be available for the meeting.

For the officer meeting:

- The Cougar Lane fuels reduction project is moving forward ( with your budgetary approval)
  - Local land owners are excited.
  - This project will "tie in" last year's work and work the county has completed around Carter Lake. This is the "connect the dots" portion of the fuel break.
- Our CCRF is being renewed and Deb and I will be working on it.
- We are starting to plan the spring refresher and will bring potential training dates once we have confirmation on the release of the 2011 curriculum.
- I haven't had the chance to thank the crews that were on the 4-mile fire personally. I've heard several times, particularly from the Gold Hill Chief Chris Finn, that our equipment and personally were appreciated.

Chris



Chris White  
Wildfire Coordinator  
Berthoud Fire / Rescue  
275 Mountain Ave.  
Berthoud, CO 80513  
970-532-2264

**From:** Steve Charles [mailto:scharles@berthoudfire.org]  
**Sent:** Tuesday, January 11, 2011 5:08 PM  
**To:** Andrew Kuiken; Scott Lindschmidt; Dave Hansjosten; Kirk Bauer; Nico Romero; Michael Bruner; Christopher White; 'toddmanns@thebluecell.com'; Jesse Treat; Justin Rupert; Shane Doyon; Monty Kitzman  
**Cc:** Deb Graves  
**Subject:** Officer Meeting Jan 12.Doc

## **OFFICER MEETING**

**REMINDER Wednesday, January 12, 2011 @**

**08:00**

Dear Landowner,

In an effort to protect Berthoud Fire District residents from the threat of wildfire, the district has applied for and been awarded a Colorado State Forest Service grant to implement fuels reduction projects, in collaboration with communities and local agencies, and at no cost to landowners. You have received this letter because, with your permission, your property may be involved with this project. The goal of this project is to increase life safety and protect community values-at-risk. Your community has a Community Wildfire Protection Plan (CWPP) that outlines specific projects that meet these goals. This and other projects were determined and prioritized by the community, and that community input was used to guide the selection of this and other projects.

### Specific Project Description From CWPP



**Pole Hill Road Treatment (Approximately 26 Acres).** Priority level – High (see Figure 1). This project focuses on limbing and thinning along the Pole Hill Road west of the Carter Lake South Beach area. The project begins near the South Beach, enhances the thinning conducted by Larimer County in the area and makes use of the road/two-track which diagonals in a northwestern direction uphill past several home sites to the top of the ridge where the fuels become patchy. Thinning should be conducted to conform to the shaded fuelbreak guidelines described in the *Access Route Fuels Modification Recommendations* section. Extra depth should be considered if there is a desire to incorporate the home sites' extended defensible space into this treatment project. This project will help to protect the Sprague community (rated Very High hazard) from northern fuel driven fires.

Figure 1

The funding for this project was made available through the Colorado State Forest Service 2009 Wildfire Mitigation Grant Program.

Sincerely,

Steve Charles  
Chief  
Berthoud Fire Protection District



Berthoud Fire Protection District  
970-532-2264  
[www.BerthoudFire.org](http://www.BerthoudFire.org)

## Financial Assistance Program

### Cooperative Match Project

To be conducted by:

### Berthoud Fire Protection District

<b>Project Number:</b>	530829-05
<b>Estimated Project Cost:</b>	\$13,600
<b>Funding provided by CSFS:</b>	\$6,800
<b>Minimum Recipient Match:</b>	\$6,800
<b>Project to be completed by:</b>	9/30/2011

Based on the strength of the application submitted by Berthoud Fire Protection District, the Colorado State Forest Service is providing funding in the amount up to but not exceeding \$6,800 to accomplish the project described in the attached scope of work.

As the cooperator, Berthoud Fire Protection District, will be reimbursed for actual (hard dollars spent) costs incurred in implementing the project up to the amount listed above once the following requirements are met:

- A. Complete work as described in "Attachment A" (scope of work).
- B. Provide documentation that project funds have been matched at a minimum ratio of 1:1.
- C. Complete and submit through the local CSFS District Office periodic Grant Report(s)/Reimbursement Request(s) using the form provided in "Attachment B", as needed, and a Final Report that provides details on expenditures and accomplishments as a result of this project. Submission to:

**Attn: Diana Selby**

**Fort Collins District**

**5060 Campus Delivery**

**Fort Collins, CO 80523-5060**

- D. Certify that neither the cooperator nor any principals represented herein are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

This funding will remain available until 9/30/2011. There will be NO extensions.

As a representative of the cooperator, I have read and understand the conditions of participating in this cooperative match project.

**Cooperator Signature:** *Stephen Charles* Date: *8-31-2010*

**Mailing Address:** *Berthoud Fire Protection District  
P.O. Box 570*

*Berthoud, CO 80513*

**Telephone Number:** *(970) 532-2264*

**Email Address:**

*SCHARLES@BERTHOUDFIRE.ORG*

EXHIBIT A  
**Financial Assistance Program**  
**Cooperative Match Project**  
SCOPE OF WORK

**Project Number:** 530829-05

**Cooperator:** Berthoud Fire Protection District

**Work to be completed:** Work will include creating a shaded fuel break adjacent to the Pole Hill Road west of Carter Lake South Beach area following the Access Route Fuels Modification Recommendations section of the Berthoud Fire Protection District CWPP. A minimum of 18 acres will be treated.

1. Type of Treatment – hazard fuels reduction

**Milestone dates:** Project must be completed by 9/30/2011. No extensions.

**Standards or Guidelines:** Will meet CSFS guidelines appropriate for treatment.

**Project Period:** 8/20/2010 to 9/30/2011

**Funded Amount:** \$ 6,800

**Minimum cooperator match:** \$ 6,800

**Deliverables:** 18 acres

Project Types: **hazard fuels reduction**

All work completed under this project must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the cooperator. Attachment B to the project entitled "Attachment B, Grant Report/ Reimbursement Request, WSFM Competitive Grants" will be the document used to both request reimbursement and to certify that work has been completed to minimum standards.

Initials:

sc

**CSFS REQUEST FOR SUPPLIES OR SERVICES (other than GSA)**

CSFS # 805 Rev. 02/04/05

Date: 9/29/10 Requested By: Diana Selby Resale to: \_\_\_\_\_ CSFS Invoice #: \_\_\_\_\_

Vendor: Berthoud Fire Protection District  
P.O. Box 570  
Berthoud, CO 80513  
 (PLEASE PROVIDE COMPLETE ADDRESS)

Ship To: Fort Collins District  
 \_\_\_\_\_  
 \_\_\_\_\_  
 (PLEASE PROVIDE COMPLETE DELIVERY ADDRESS)

Reason for Vendor Selection:  Sole Source (attach completed Sole Source Justification Form)  
 Previous Supplier  
 Other

Terms: \_\_\_\_\_

Shipping Instructions:  
 FOB Fort Collins, Colorado  
 FOB \_\_\_\_\_

Delivery Date: \_\_\_\_\_

Deliver to:

Initials \_\_\_\_\_ Bldg \_\_\_\_\_ Room \_\_\_\_\_ Phone \_\_\_\_\_

#	Account	Subcode	Qty	UOM	Description of Supplies or Services	Unit Price	Item Total
1	530829	6693			Fifty-fifty cost-share funds from	\$6,800	
2					'08 FIREP will be utilized by		
3					Berthoud FPD to treat a total		
4					of 18 acres in Panchrosa		
5					pine on private lands.		
6					Treatments will be completed		
7					to CSFS Fuelbreak standards.		
8							
9							
10							

SPECIAL INSTRUCTIONS: \_\_\_\_\_

Expenditure Approval:

Authorized Signature: Bryd O'Leary  
 Date: 9/29/10

Subtotal: \$ 6,800

Discount: \$ \_\_\_\_\_

TOTAL: \$ 6,800

**CSFS REQUEST FOR SUPPLIES OR SERVICES (other than GSA)**

Doc. NBR. 1010758  
CSFS # 805 Rev. 02/04/05

Date: 9/29/10	Requested By: Diana Selby	Resale to:	CSFS Invoice #:
Vendor: <u>Berthoud Fire Protection District</u> <u>P.O. Box 570</u> <u>Berthoud, CO 80513</u>  (PLEASE PROVIDE COMPLETE ADDRESS)		Ship To: <u>Fort Collins District</u>   (PLEASE PROVIDE COMPLETE DELIVERY ADDRESS)	

COPY

Reason for Vendor Selection: <input type="checkbox"/> Sole Source (attach completed Sole Source Justification Form) <input type="checkbox"/> Previous Supplier <input checked="" type="checkbox"/> Other	Terms:  <b>ENCUMBERED</b> <u>10-15-10</u> KC
--	--

Shipping Instructions: <input type="checkbox"/> FOB Fort Collins, Colorado <input type="checkbox"/> FOB	Delivery Date:	Deliver to:  Initials ___ Bldg ___ Room ___ Phone ___
---	----------------	---

#	Account	Subcode	Qty	UOM	Description of Supplies or Services	Unit Price	Item Total
1	<u>5308290</u>	<u>66693</u>			<u>Fifty-fifty cost-share funds from</u>	<u>\$6,800</u>	<u>~</u>
2	<u>'08CPG SFA-NFA CG</u>	<u>FC</u>			<u>'08 FRETP will be utilized by</u>		
3	<u>Project Number</u>	<u>530829-05-</u>	<u>FC</u>		<u>Berthoud FPD to treat a total</u>		
4					<u>of 18 acres in Panchrosa</u>		
5					<u>pine on private lands.</u>		
6					<u>Treatments will be completed</u>		
7					<u>to CSFS fuelbreak standards.</u>		
8							
9							
10							

SPECIAL INSTRUCTIONS:  <u>PLEASE ENCUMBER</u>	Expenditure Approval:  Authorized Signature: <u>Byrd O'Leary</u> Date: <u>9/29/10</u>	Subtotal: \$ <u>6,800</u> Discount: \$ _____  TOTAL: \$ <u>6,800</u> <u>~</u>
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# Larimer County Land Information Locator



Maps: Imagery: 2009-2010 Aerial

Search	Owner Notification
Lite Version	Landscape & Imagery Explorer
Vicinity Map	

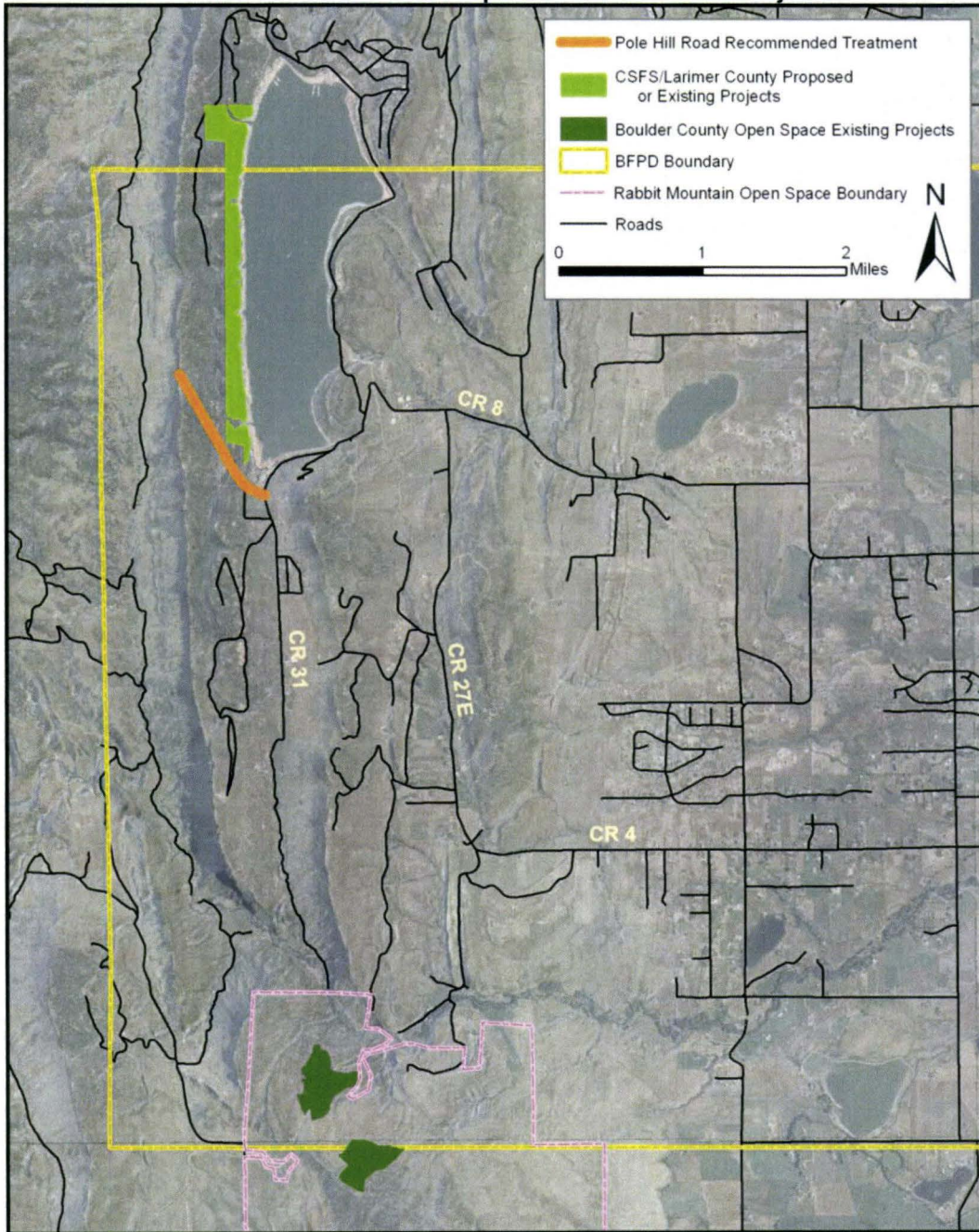
Table Of Contents ▼ Selected Results ▼



### Current and Proposed Fuels Reduction Projects for BFPD

The following recommendations are in addition to, not in place of, the fuels reductions mentioned in the **Safety Zones, Addressing, and Emergency Access Route, FMUs**. It is important to note that the boundaries shown on the maps in this document are only approximate. Exact boundaries will be determined when treatment agreements are negotiated with the involved land owners and/or land managers.

**FIGURE 18. Current and Proposed Fuel Reduction Projects**



### Current and Proposed Cross-Boundary Projects

One purpose of this CWPP is to make known other agencies' fuel reduction projects adjacent to the BFPD. The CSFS and Larimer County Parks and Open Lands are currently implementing the Carter Lake Forest Management Plan. This project will benefit the BFPD and will be a natural starting point for the Sprague Community fuel reduction project. Boulder County Parks and Open Space have several ongoing projects. These projects are shown in **FIGURE 20**.

## RECOMMENDATIONS

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- A. Pole Hill Road Treatment (Approximately 26 Acres). Priority level – High (see Figure 20).** This project focuses on limbing and thinning along the Pole Hill Road west of the Carter Lake South Beach area. The project begins near the South Beach area and makes use of the road/two-track which diagonals in a northwestern direction uphill past several home sites to the top of the ridge where the fuels become patchy. Thinning should be conducted to conform to the shaded fuelbreak guidelines described in the *Access Route Fuels Modification Recommendations* section. Extra depth should be considered if there is a desire to incorporate the home sites' extended defensible space into this treatment project. This project will help to protect the Sprague community (rated *Very High* hazard) from northern fuel driven fires.
- B. Moss Rock Ct. to Moss Rock Dr. Priority Level High. (shown on figure 14, Emergency Access Route)** This project focuses on connecting Moss Rock Court to Moss Rock Drive by using an existing roadway/two-track. This emergency usage would be both for citizens and emergency responders. The road surface should be evaluated to determine the feasibility of allowing larger fire apparatus. Fuels mitigation consisting of limbing and thinning to create a safe, effective escape route is also recommended (see the *Access Route Fuels Modification Projects* section of this report). This project will require a cooperative effort between BFPD and the private landowners. It is recommended that the route be well marked.

2010 Colorado  
Wildland Urban Interface  
Grant Application

FOR OFFICIAL USE ONLY	
State Submitting Project:	
State Priority Number:	
Dollar Amount Requested:	\$8,279
Matching Share:	\$11,703

Applicant Information	
<b>Applicant:</b>	Berthoud Fire Protection District
<b>Contact Person:</b>	Chief Steve Charles
<b>Address:</b>	275 Mountain Ave
<b>City/Zip Code:</b>	Berthoud, Colorado 80301
<b>Phone (Work/Cell):</b>	970-532-2264
<b>Email:</b>	scharles@berthoudfire.org
<b>Fax:</b>	970-532-4744

Community At Risk Information			
<b>Name of Project:</b>	Berthoud Fire CWPP		
<b>Community Name:</b>	Berthoud Fire Protection District		
<b>County:</b>	Larimer	<b>Congressional District:</b>	2nd
<b>Latitude (decimal degrees):</b>	N 40°18' 16.13"	<b>Longitude (decimal degrees):</b>	105 04' 3 393939.

Grant Contributors (Matching Share)							
(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify- see criteria & instructions for exception) Please specify each match contributor and the dollar amount of each contribution. DO NOT show grant requested funds in this table. This is for matching share only.							
<b>Contributors: (Please specify)</b>	Berthoud FPD	Larimer County Parks and Open Space - Carter Lake	Larimer County Emergency Services	City of Berthoud			<b>TOTAL</b>
<b>Dollars (Hard Match):</b>	\$6,753						\$6,753
<b>In-Kind (Soft Match):</b>	\$1,800	\$1,200	\$1,200	\$750			\$4,950
<b>TOTAL:</b>	\$8,553	\$1,200	\$1,200	\$750	\$0	\$0	\$11,703

Total Project Expense (break down matching share totals from block #3)				
Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
		Dollars	In-Kind	
<b>Personnel / Labor:</b>	\$5,655	\$4,452	\$2,150	\$12,257
<b>Fringe Benefits:</b>				\$0
<b>Travel:</b>				\$0
<b>Equipment:</b>	\$842	\$600	\$243	\$1,685
<b>Supplies:</b>	\$281	\$200	\$81	\$562
<b>Contractual:</b>				\$0
<b>Construction:</b>				\$0
<b>Other:</b>	\$1,501	\$1,501	\$1,273	\$4,275
<b>Indirect Costs:</b>				\$0
<b>TOTAL:</b>	\$8,279	\$6,753	\$3,747	\$18,779

<b>Project Summary (check all that apply and answer related questions)</b>	
<b>What is the duration of this project? (check one)</b>	<input checked="" type="checkbox"/> <b>One Year</b> <input type="checkbox"/> <b>Two Years</b>
<b>Is this a new project? (check one)</b>	<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>
<b>Is this request maintenance of a previously funded fuels project?</b>	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
<b>5 Project Category: Hazard Fuels Reduction</b>	
<b>Number of acres to be treated:</b> 18	<b>Estimated cost per acre:</b> \$753.00
<b>Number of communities directly affected by this project:</b> 3	
<b>Project Category: Information &amp; Education</b>	
<b>Number of citizens to be reached:</b>	Signage - 10,000 ( includes annual park visitors and local residents)
<b>Project Category: Planning</b>	
<b>Number of residences affected:</b>	Approximately 400

<b>Project Area Description</b>	
All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.	
<b>6</b>	<p><b>Provide a brief overview of the project and the project area. (If applying for a fuels reduction project, identify vegetation types.)</b></p> <p>Berthoud Fire Protection District (BFPD) is committed to collaborative implementing the recommendations of our recently completed Community Wildfire Protection Plan. The BFPD needs to begin implementation in a timely manner while the citizens and political climate are ready for action. At this point the adjacent Larimer County Parks and Open Space and Loveland FPD are completing fire plans and CWPP's. This Fuels Reduction Project in combination with Five Wildfire Interpretive Signs will facilitate a much larger, multi-jurisdictional, planning area and the ability to synergistically approach fire prevention, hazardous fuel reduction and community assistance for wildland fire protection. Additionally the affected area includes lands adjacent to Larimer County Parks ( BLM owned recreation area), the Carter Lake Big Thompson Water Project, Loveland FPD and private lands. Fuels reduction work will be a road-side thinning in FM 2 - predominately Ponderosa Pine with grass understory.</p>

<b>Scope of Work</b>	
All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.	
<b>7</b>	<p><b>Provide a brief scope of work which clearly describes how grant funds will be spent. (This should be more specific than the project description. Include any additional information regarding budget details in this section.)</b></p> <p>Purchase and installation of (5) "Fire Danger Rating Signs" to be located strategical at County Road 8E between County Road 23 and Cushman Estates as well as on County Road 4 ¼ mile before it intersects with County Road 27 E. and at The Fire Stations. Develop and provide educational brochures at the Kiosks of Carter Lake to be handed out to users of the recreation facility by camp hosts and park staff. Utilize same information at Berthoud Town Events. Budget estimated at \$500.00 This interpretative component constitutes \$3,000 of the total budget. Signs have been priced at \$500 each with shipping. Installation labor and materials cost will be Berthoud FPD in-kind labor.</p> <p>This project focuses on limbing and thinning along the Pole Hill Road west of the Carter Lake South Beach area. The project begins near the South Beach area and makes use of the road/two-track which diagonals in a northwestern direction uphill past several home sites to the top of the ridge where the fuels become patchy. Thinning will be conducted to conform to the shaded fuelbreak guidelines described in the Access Route Fuels Modification Recommendations section of the CWPP. Extra depth will be considered if there is a desire to incorporate the home sites' extended defensible space into this treatment project. The slash will be piled up in and open rock quarry to be burned in the winter. This project will help to protect the Sprague community (rated Very High hazard) Hertha Ridge ( Very High) Wark Community ( High) and the South Beach Campground and recreation area from North/North West wind driven fires.</p>

<b>Interagency Collaboration</b>	
8	<p><b>Specify the private, local, tribal, county, state, federal and/or non-governmental (501c3) organizations that will contribute to or participate in the completion of this project. Describe briefly the contributions each partner will make (i.e. – donating time/equipment, funding, etc.).</b></p> <p>This collaborative process will incorporate:            Big Thompson Water District - Support for signage installation as well as land use permission for signage.            Loveland FPD: Support for fuels reduction and slash disposal            Berthoud FPD: Hard dollar cash match and in-kind labor and materials- Project management and Public Information            Larimer County CSFS: Oversight and Forestry consultation            City of Berthoud : Funding and Public information - press releases            Larimer County Emergency Services: Assistance with fuel break layout and design            Larimer County Parks and Open Space - Carter Lake - Assistance with layout, design of fuel break and placement of fire danger signage. Distribution of public information materials at park kiosks.</p>
<b>Community Wildfire Protection Plan (CWPP)</b>	
	<p><b>Does this community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP guidelines? (check one)</b>      <input checked="" type="checkbox"/> yes      <input type="checkbox"/> no      <input type="checkbox"/> in development</p>
	<p><b>Is this project part of the plan? (check one)</b>      <input checked="" type="checkbox"/> yes      <input type="checkbox"/> no</p>
	<p><b>Where would we obtain a copy of this plan?</b> CSFS web site or Berthoud FPD</p>

<b>Project Timeline</b>	
9	<p>Fuels reduction project is projected to take approximately 2 weeks to complete and will commence with funding. A S-212 Saws Class was utilized to initiate the thinning project in the summer of 2009. This was also done to insure that there was public will and support for the project. Excellent public support continues for the project.</p> <p>Signs and installation is expected to be completed in less than 30 days from funding. The same time line applies to brochure purchase and distribution.</p>
<b>Maintenance / Sustainability</b>	
	<p><b>Clearly demonstrate how this project will remain effective over time by clearly outlining environmental factors, commitments, monitoring measurables, future funding, and education.</b></p> <p>Interpretive Signs and Informational Brochures: The Community Education Program portion of this request is a component of the BFPD strategic plan/CWPP and is supported by the Board of Directors. Program maintenance will be funded through the budget as well as future BFPD grant acquisitions. This outreach and education plan will provide the foundation for future mitigation activities and be the basis for program longevity. Signage and continued education will also assist with maintaining awareness for the upkeep and maintenance of the fuel break. Physical maintenance of the signs will be incorporated into the BFPD annual maintenance routine.</p> <p>Fuels Reduction Project: The Fuel Break is primarily in FM 2 and will have an initial long term regrowth pattern. It is not expected that the grass understory will increase. Fuels reduction is focused on the overstory. BFPD is creative in maintaining fuels reduction projects. Department saw training and NWCG S-212 classes will continue to utilize future blow down or needed tree removal for training. Local citizens have a history of being diligent in assisting with small maintenance issues.</p>