



8/22/15

Owen Jr, Allen

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To: Deward E Walker  
Subject: Colorado Dept .of Ag

Dewart,

I spoke with Alyssa this afternoon. She is seeking proof that you were actively working the property in 2013, prior to the flood. She understands you are in the Tree Farm program. From CSFS/my end of things, the only way I would know that you were actively working on forestry pre-flood in 2013 was to see if you had an cost-share grant thru CSFS at the time- then I would have a record (of payment, field inspection, etc) of activity in that time period. I do not have any record of cost-share for you at that time. Going back thru my files this afternoon, the last cost-share payment issued to you was February, 2011 for \$5000 under the 2008 FRFTP SFA grant #536709. This is 2 years before the 2013 flood. This doesn't help you "prove up", you were doing forestry through a CSFS funding program (in 2013).

I know you have EQIP funding through NRCS, but that's all I know. If you used any EQIP funding during that time, you'll need to contact Sylvia Hickenlooper at their office to get any documentation that would help support your case for 2013. I don't have any EQIP documentation for you. I've got a call in to Sylvia to follow up on this angle but she's out of the office this afternoon.

If you have any record of payments/contractor invoices for forestry activities, your "nursery" program, road work, etc., during this time (2013)-outside of the SFA or EQIP program-that might be all you need to provide Alyssa for evidence of activity. My statement to her of "Dewart is always doing some forestry work" wasn't enough. Just being in the Tree Farm "program" isn't enough either.

I'll give you a call on Monday.

Allen

Allen Owen, CF #1947  
District Forester  
CSFS Boulder  
5625 Ute Hwy  
Longmont, CO 80503  
303-823-5774  
[allen.owen@colostate.edu](mailto:allen.owen@colostate.edu)

><(((o> ><(((o> ><(((o>

→ Dewar that he could  
"REDIRECT" his grant \$ towards  
Buena Vista Retiree - 12.  
Contour Selling - chipping

MONDAY 10/25

Says the area they "cut" this  
spring/summer 2010 "ABOVE" rd.  
is part wants to know if  
they're help for A Tree Farmer.  
Told him to do some homework  
with his Stew PLAN.

Since he's  
looking  
for  
"Help"  
i.e. - \$.



## **Bundy,Robert**

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**From:** Carlin,KAREN  
**Sent:** Friday, April 13, 2012 8:38 AM  
**To:** Bundy,Robert  
**Cc:** Woods,Scott  
**Subject:** Request for Project Number for \$7,500 to Four Mile FPD -- RE: 5367090 Encumbrance

Hi, Bob.

Thanks for your e-mail. What project number would you like to use for the \$7,500 encumbrance for Four Mile FPD? Do you consider this just an "add-on" to their project number 536709-05-BO?

Best regards,  
Karen Carlin  
Administrative Services  
Colorado State Forest Service  
(970) 491-3006

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**From:** Bundy,Robert  
**Sent:** Wednesday, April 11, 2012 5:32 PM  
**To:** Woods,Scott; Carlin,KAREN  
**Subject:** 5367090 Encumbrance

Hello Scott and Karen,

I would like to unencumber funds in the amount of \$7,500 from 5367090 Logan Mill Ranch Tree Farm (c/o Deward Walker), and encumber the funds to Four Mile Fire Protection District. The attached 805s display how the funds awarded from Scott's FRFTP grant were initially split for these cooperators. Four Mile Fire Protection fulfilled and expended their encumbrance from this 805, but it is attached for reference. I would like to change how the funding is currently encumbered, while still fulfilling the awarded grant requirements.

Scott, please give me a call if you'd like to discuss this. Basically, a \$81,000 FRFTP grant was awarded in 2009. It was split up between two FDs and a landowner for the project work. The landowner has been dragging his feet since the Four Mile Canyon Fire (which burned a lot of his property). While I was doing ARRA, this project languished. At this point, the fire district (who initially was the applicant for this grant) is ready to move in and implement the project work. Without changing the encumbrance, I was worried that the account would show up as negative if I authorized the work/payment to the FD, but it didn't come out of the Logan Mill encumbrance. Please call if this is confusing or you'd like to discuss. I have no doubt that the FD will complete the work quickly. They are actually just waiting for my word to begin the work that would be covered with this grant.

Thanks.

Bob Bundy  
Assistant District Forester  
Colorado State Forest Service  
5625 Ute Highway  
Longmont, CO 80503



## Logan Mill Ranch Tree Farm

An American Forest Foundation Pioneer (PFT)/Certified Tree Farm (CTF)

Deward E. Walker, Jr.

P. O. Box 4147

Ph. (303) 492-6719 or (303) 492-8984

Fax (303) 492-7970

Boulder, CO 80306

[walkerde@colorado.edu](mailto:walkerde@colorado.edu)

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To: Allen Owen - District Forester  
Colorado State Forest Service  
District Office  
5625 Ute Highway  
Longmont, CO 80503-9130

Topic: Thinning Work Completed and Future Plans

Date: August 23, 2011

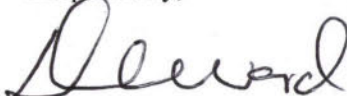
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It was great having you here providing us your customary wise advice as to how we might improve our tree farm operations. During our field consultation several things were decided:

1. Because of time limitations, the fire, and limited resources, we wish to limit our support request from the CSFS to the forest thinning we are conducting in Sunbeam Gulch. As time and resources permit we shall continue in the next several years with work in Old Montreal Gulch, a fairly complex situation because of the fire and road access.
2. We will complete the work in Sunbeam Gulch by chipping the brush from the thinning operation and moving the felled logs into a position along the access roads after the chipping is completed. The logs can be sorted into saw logs, firewood, and possibly some for erosion control.
3. In order to complete the Sunbeam Gulch work we will also thin the trees next to Logan Mill Road on the upper side of the thinning unit. They were left for aesthetic reasons but constitute a potential fire risk the way they are positioned immediately below the road. We shall attempt to retain some junipers for diversification but will trim them sufficiently high to prevent them serving as ladder fuel.
4. I would appreciate any advice you can provide concerning how the work we are doing may be integrated with the work of the NRCS contract that we have with Boyd Byelich of the Dept. of Agriculture.

Thank you.

Respectfully,

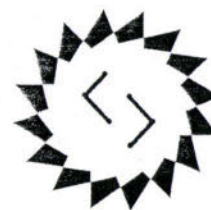


Deward E. Walker, Jr.

Cc: Boyd Byelich



Walker Research Group, Ltd.



PO Box 4147, Boulder, Co. 80306  
Phone: 303.492.6719 Fax: 303.492.7970  
[walkerde@colorado.edu](mailto:walkerde@colorado.edu) [www.walkerresearchgroup.com](http://www.walkerresearchgroup.com)

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Facsimile Transmission

Date: 7/10/09 Number Of Pages To Follow: 3

To: Allen Owen and B. Bundy

Fax: 3038235768

Message: Here is the request  
we talked about  
this morning. Let me  
know if its o.k.

Thanks  
Dee  
Walker



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Fax (303) 492-7970

Boulder, CO 80306

[walkerde@colorado.edu](mailto:walkerde@colorado.edu)

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To: Allen Owen - District Forester  
Colorado State Forest Service  
District Office  
5625 Ute Highway  
Longmont, CO 80503-9130

And

Bob Bundy  
Colorado State Forest Service - Boulder District  
5625 Ute Highway  
Longmont, CO 80503

Topic: Request for matching funds for forest thinning in the Logan Mill area of  
Boulder County (see attached map of Montreal Gulch and Sunbeam Gulch)

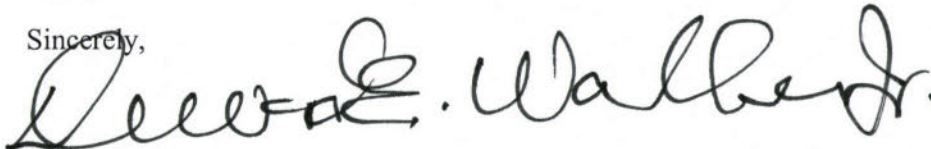
Date: July 10, 2009

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Per your suggestion, I am submitting our request for \$15,000 in matching funds for approximately 30 acres of thinning on mining claims and government lots we own as a family in Sections 19 and 20, T1N R71W, 6<sup>th</sup> PM of Boulder County located in Montreal Gulch and Sunbeam Gulch, the two highest-risk fire corridors of the approximately 200 acres we own in the Logan Mill area. For each gulch we estimate about 15 acres of needed thinning that we can afford. We estimate the cost at approximately \$1,000 per acre to amount to \$30,000, ½ of which we agree to pay in labor and equipment for a matching contribution from you of \$15,000. The work will be completed in late 2009 and early 2010.

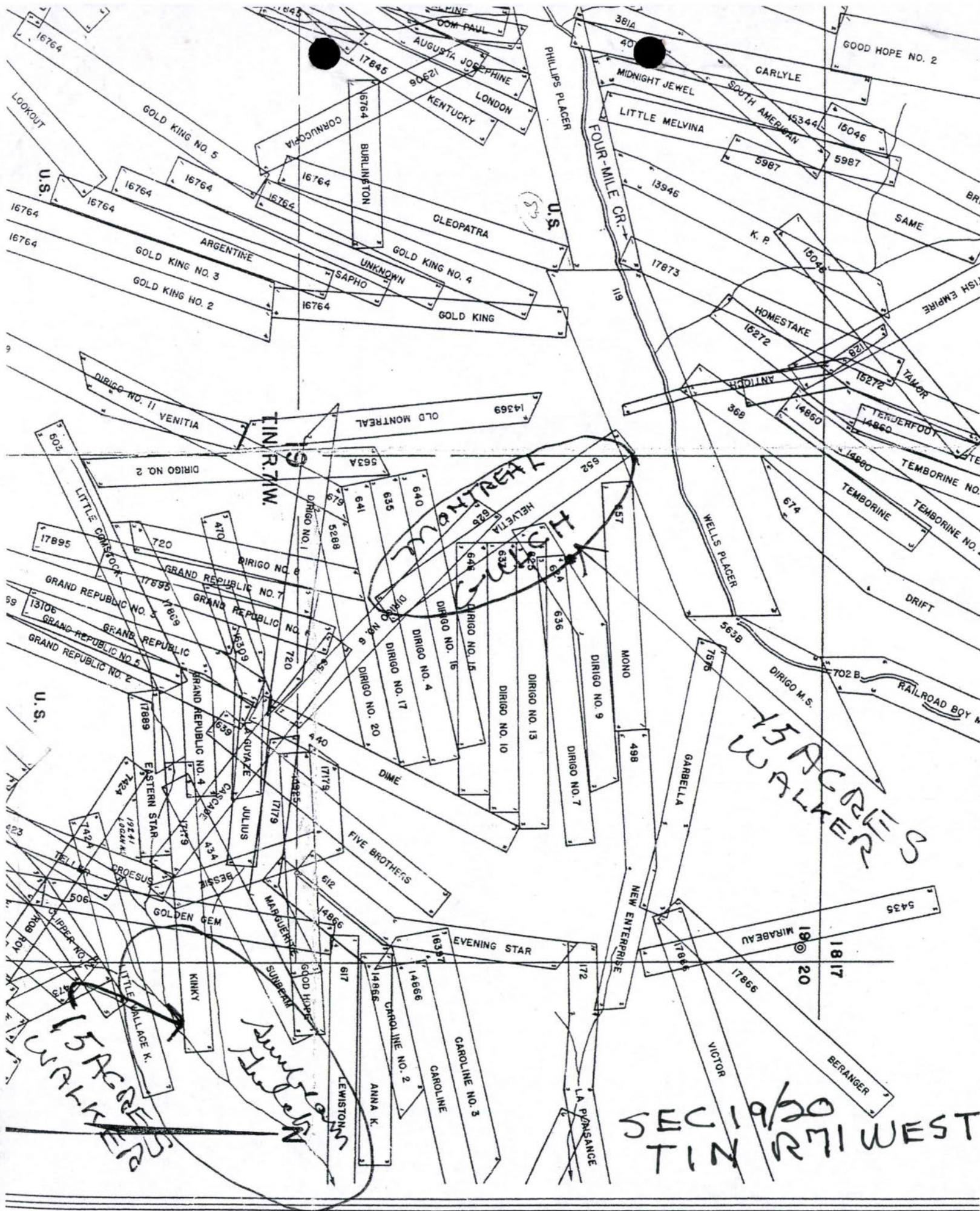
Please confirm in writing that these terms are acceptable to you and let me know if you need anything more from us at this time.

Sincerely,



Deward E. Walker, Jr.





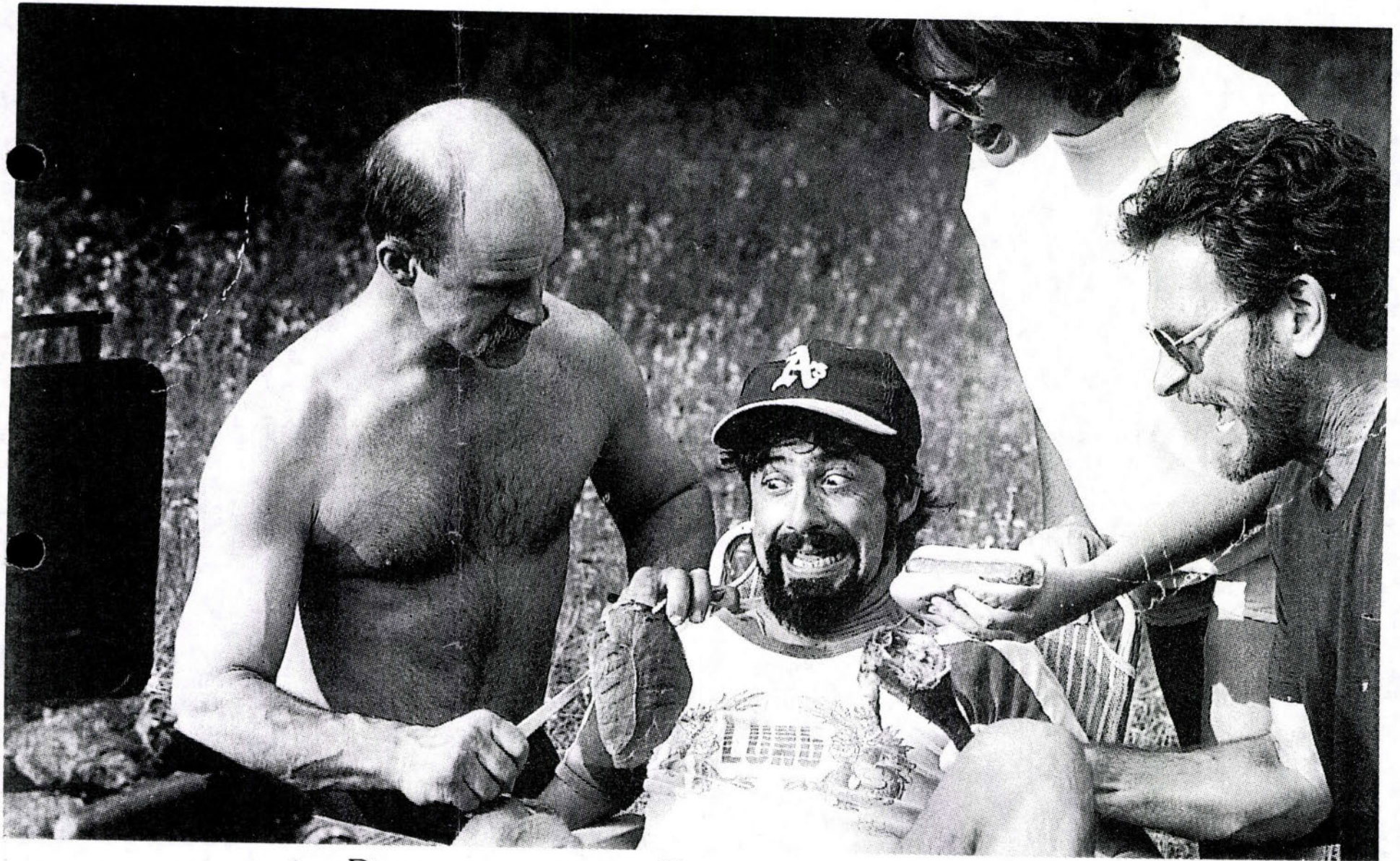
MONTREAL  
CHURCH

15 ACRES  
WALKER

SEC 19/20  
T1N R71W WEST

15 ACRES  
WALKER





• *Deprogramming a Vegetarian in Montana*



December 13, 2010

Deward E. Walker, Jr.  
Logan Mill Ranch Tree Farm  
P.O. Box 4147  
Boulder, CO 80306

Dear Deward,

Thank you for your letter dated October 28, 2010. I'd like to take this opportunity to address the 3 topics in which you called my attention to.

My general premise for this discussion is based upon the cost-share funding awarded to you on behalf of the Logan Mill Ranch Tree Farm (LMRTF); cooperative match 536709-04, in the amount of \$15,000. The project required you to treat 30 acres to CSFS standards, with a cost share rate not to exceed \$500 per acre. The start date for this project was July 21, 2009 and end date of August 30, 2010.

1. Work Completed-Sunbeam Gulch; you state in your letter that approximately half of the 10 acres (~5 acres?) has been completed and that you are completing a 2 acre *fire break* on the east end of Sunbeam. Is this 2 acre *fire break* part of the ~5 acres completed or in addition to the 5 acres (~7 acres completed)? Keep in mind the area Bob Bundy mapped out in Sunbeam (below the road is 8.2 acres-above the road is 6.6 acres). I believe you have the map.

I will look over the "fire prevention effectiveness of the thinning we have already completed above Logan Mill Rd on the northerly side of the gulch". Is this area also included in your ~ 5 acres of thinning, discussed above? It is acceptable to use your "shared funding" to install a *fire break* vs. a fuel break. We'll probably have the conversation as to what a true *fire break* is.

2. Forest Plan Modification- the phone conversation we had on 10-25-10 (in which you developed the five bullet points under this topic) don't necessarily require you to *modify your forest plan*, as the header suggest, but to modify your general thinning approach (as you say in the first sentence). You should certainly document this modified thinning approach in your forest plan at your convenience, only to keep the document current and robust. AND-really- we're really not "modifying" the thinning approach, only prioritizing trees within the units that may have had varying fire damage) for assessment and possible removal.

My intent during that conversation was since your thinning is partially burned areas, these tree should take priority in removal, due to the risk that they pose to the immediate resource and/or infrastructure. Thinning should continue in the areas to the CSFS fuel break standards.

I agree these changes you plan in your forest management will help address future fire prevention as well as aid in the recovery for the Four Mile fire.

3. Funding-You have submitted your first Exhibit Grant report/reimbursement request (received via email on 12/9/10), requesting a \$4500.00 payment. Your "accomplishment report" narrative on the form was somewhat confusing. "We have 1 ½ acres to finish the 1<sup>st</sup> half of our 7 ½ acre agreement for Sunbeam Gulch". I think that adds up to about 5 acres. This is approximately the same acreage you describe in the October 28<sup>th</sup> letter.



If you have completed \$9000 worth of work, at 500.00 per acre (maximum per acre reimbursement-per the scope of work description) you should be reporting about 9 acres of work completed. That's if you're on track at a 1000.00 per acre cost.

You go on to state in your project accomplishment report "the other half of our contract is 7 ½ acres in Montreal gulch". The 2 gulches you're addressing total 15 acres by your description. Please remember that the grant requirements require you to treat a total of 30 acres. You have a balance of approximately 25 acres to treat, and if you draw down your grant fund by \$4500, you'll have, 10,500 left (or \$21,000 with your in-kind match). You'll need to be treating an acre for about 840.00 total cost.

I look forward to meeting with you Monday. With any luck Bob may join us.

Sincerely,

A handwritten signature in black ink, appearing to read "Allen Owen". The signature is fluid and cursive, with the first name "Allen" and last name "Owen" clearly distinguishable.

Allen Owen  
District Forester

Cc: Bob Bundy

## **Logan Mill Ranch Tree Farm**

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Deward E. Walker, Jr.

P. O. Box 4147

Ph. (303) 492-6719 or (303) 492-8984

Fax (303) 492-7970

Boulder, CO 80306

[walkerde@colorado.edu](mailto:walkerde@colorado.edu)

---

To: Allen Owen - District Forester  
Colorado State Forest Service  
District Office  
5625 Ute Highway  
Longmont, CO 80503-9130

Topic: 1. Work completed  
2. Forest management plan modifications  
3. Funding

Date: October 28, 2010

---

Dear Allen:

### 1. Work completed

I wish to call your attention to the work we have completed in forest thinning in Sunbeam Gulch. There are some 10 acres we have planned to thin and have completed about half of them. As part of the 10 acres, we are currently completing a 2-acre fire break at the very east end of Sunbeam Gulch, because we believe the gulch is a natural chimney for any fire. Normal thinning is not enough to prevent the chimney effect in Sunbeam Gulch. Hope you will look over the fire prevention effectiveness of the thinning we have already completed above Logan Mill Road on the northerly side of the gulch. We need to know how you feel about further thinning and building of firebreaks. Is it acceptable to use our shared funding with CSFS for this purpose?

### 2. Forest plan modification

From our recent telephone conversation I concluded that you recommend we change our general thinning approach to one stressing the following types of tree removals that relate to reduction of fire risks:

- Trees endangering power lines and poles.
- Hazard trees that pose risks to homes.
- Trees close to access roads that may be important in future fire prevention and suppression.
- Dead trees.
- Damaged trees that may be useful for contouring to reduce erosion threats.



We believe that these changes we plan in our forest management will address future fire prevention as well as aid in the recovery from our recent Four Mile Canyon fire. We hope to receive your approval of the changes listed above.

### 3. Funding

Being compensated for what we have completed will enable us to move forward more rapidly, but additional funding is required now. The changed plan we are now ready to implement will require several times the amount of funding you have helped us with over the last several years. It is intensive and difficult work in areas already burned on our tree farm as well as in the burned-over areas you have identified. The terrain is steep, the burned trees closely spaced, and the possibility of contour logging to limit erosion will be more labor-intensive than typical thinning.

Hope to hear from you concerning

- Our management plan.
- Additional funding.
- Any necessary contract changes.
- Any invoicing we can do now.

Thank you.

Cheers!



DEWARD

## **Logan Mill Ranch Tree Farm**

**An American Forest Foundation Pioneer (PFT)/Certified Tree Farm (CTF)**

Deward E. Walker, Jr.

P. O. Box 4147

Ph. (303) 492-6719

Fax (303) 492-7970

Boulder, CO 80306

walkerde@colorado.edu

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To: Senator Mark Udall

Topic: Healthy Forest Initiative in Boulder County, Colorado: Request for Funding Support

Date: March 5, 2010

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Dear Senator Udall:

I have been advised by several local political as well as state and federal agency leaders to contact you concerning our search for funding to support a demonstration healthy forest project. The enclosed recent op-ed piece prepared for the Four Mile Canyon newsletter will familiarize you with our project goals which I believe you strongly support.

Our goal is to create a 200 acre demonstration project. This would provide a means of educating residents of the foothills of Boulder County where the insect pests are destroying most of our forests. Although there is an ongoing effort to reduce the fire risk from insect-killed trees by our fire companies because of the risks to homeowners, we are still failing to deal with the basic need for a healthy forest that will guarantee our future forests that provide us so many benefits. As we now plan, we would seek funding for a 10-year demonstration project including the following steps:

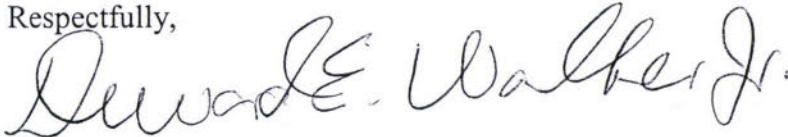
1. Acquire rights-of-way and easements for the 200 acre demonstration project (completed).
2. Form advisory committee of forestry experts (completed).
3. Complete thinning of overgrown, dense, insect-infested stands of trees (partly completed).
4. Construct access trails, acquire needed machinery, and begin training of personnel.
5. Acquire and construct access to water resources necessary for the project (partly completed).
6. Secure cooperation and support of the Colorado State Forest Service, local fire company, and Boulder County officials (partly completed).
7. Complete a nursery for growing seedlings to replant certain of our devastated forest (partly completed).
8. Complete preparation for wood byproducts processing.



Although in its early stages, we estimate that this project will require \$250,000 per year, with \$50,000 of in-kind contributions that we would personally provide as matching funding. This ten-year project would require a total of \$2,500,000 and provide immediate employment for front-range woodsmen, improved environmental health, reduction in fire risk, plus the various natural, cultural, and social benefits described in our enclosed newsletter.

We look forward to securing your advice, support, and guidance as to how we should proceed, names of supportive agencies, and key individuals who can help us reach our objective. We are ready to submit a detailed ten-year project plan. Thank you.

Respectfully,

A handwritten signature in cursive script, reading "Deward E. Walker, Jr.", written in dark ink.

Deward E. Walker, Jr., Ph.D.  
Owner, Logan Mill Ranch

Cc: Secretary Ken Salazar  
Secretary Tom Vilsack  
Governor Bill Ritter  
Senator Mike Bennett  
Senator Rollie Heath  
Representative Jared Polis  
Ron Stewart, Boulder County Open Space  
Robert Beebe, Secretary, 4-Mile Canyon Fire Department  
Allen Owen, District Forester, Colorado State Forest Service

**alowen**

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**From:** Bob Bundy [Bob.Bundy@colostate.edu]  
**Sent:** Thursday, October 22, 2009 12:54 PM  
**To:** 'Deward E Walker'  
**Cc:** Allen Owen; benpfohl@lamar.colostate.edu; Nicole Palestro  
**Subject:** RE: attached  
**Attachments:** Walker '09.jpg; EXHIBIT B rev 11-08.xls

Hello Deward,

Thanks for meeting me yesterday. I've attached a map of the project changes we discussed.

In review:

- The CSFS will reimburse up to \$15,000 for 30 acres of treatment done to CSFS standards. (\$500 per acre)
- The grant ends on August 30, 2010. You have expressed that a majority of the work is likely occur in spring 2010.
- You can be reimbursed one time as all the work is completed, or the project can be split up into two payments. In order for us to process a reimbursement, you will have to submit the attached Exhibit B paperwork. Please include as much documentation as possible with this paperwork (invoices, or a documentation of hours and fuel costs).
- A CSFS representative will inspect the project before reimbursement. I recommend calling our office to schedule a site visit as 5-10 acres are completed. This will ensure we are all on the same page regarding the standards. I don't feel this will be a problem, based on the quality of work you have done in the past.

Please note that the attached map only has 29.4 acres of treatment identified. In the end, 30 acres will have to be completed for full payment. I understand that these boundaries are somewhat tentative, and may have minor adjustments as implementation occurs. In the end, we will have to have the completed work remapped for reporting purposes.

I have included three additional CSFS Boulder District foresters in this email. I may not be around as this project is implemented. Please contact our office as additional CSFS attention is required.

Thank you for your hard work and investment on your property. I am please at the amount of forestry work that has occurred in your community.

Bob Bundy  
Fuels Treatment Partnership & Wildfire Mitigation Forester  
Colorado State Forest Service - Boulder District  
5625 Ute Highway Longmont, CO 80503  
(303) 823-5774  
(303) 823-5768 fax  
[Bob.Bundy@colostate.edu](mailto:Bob.Bundy@colostate.edu)

---

**From:** Deward E Walker [mailto:walkerde@Colorado.EDU]  
**Sent:** Friday, July 10, 2009 1:09 PM  
**To:** Allen Owen; Allen Owen; Bob Bundy; Bob Bundy  
**Subject:** attached



## Logan Mill Ranch Tree Farm

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P. O. Box 4147

Ph. (303) 492-6719

Fax (303) 492-7970

Boulder, CO 80306

walkerde@colorado.edu

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To: Senator Mark Udall

Topic: S 3664, the Family Farm Estate Tax Deferral Act of 2010 and the Healthy Forest Initiative in Boulder County, Colorado: Request for Funding Support

Date: November 16, 2010

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Dear Senator Udall:

### S 3664, the Family Farm Estate Tax Deferral Act of 2010

As you may know, Four Mile Canyon in Boulder County, Colorado, recently experienced a devastating fire with the loss of some 170 homes. Our home and several buildings were saved at least in part because of our thinning program that has been part of our 200-acre tree farm operation for the last 40 years. We therefore request your support for S 3664, the Family Farm Estate Tax Deferral Act of 2010. It will help secure the future of our tree farm as our children and grandchildren become its managers.

### Request for Funding Support for a Healthy Forest Initiative in Boulder County, Colorado

Although we have received no response from you concerning our earlier request of March 5, 2010, concerning funding for a Healthy Forest Initiative for Boulder County, Colorado, we now wish to restate our need and plan that has become even more critical in light of the recent Four Mile Canyon fire that has destroyed so many homes where effective forest management was often lacking. Please review the copies of the enclosed materials that were sent to you in March of this year and get back to us as soon as possible. Otherwise we shall have to contact other members of Congress not from Colorado in order to gain help in our quest for our healthy forest management project (see attachments from our March 2010 request).

PLEASE STOP IGNORING US. WE HAVE INVESTED TOO MUCH OVER THE LAST 40 YEARS TO BE IGNORED AND PUSHED ASIDE IN THE MANNER WE HAVE EXPERIENCED SINCE LAST MARCH WHEN WE FIRST SUBMITTED OUR HEALTHY FOREST INITIATIVE PLAN TO YOU.

Respectfully,



Deward E. Walker, Jr., Ph.D.

Owner, Logan Mill Ranch Tree Farm

Cc: Ken Salazar  
Tom Vilsack  
John Hickenlooper

Mike Bennett  
Jared Polis  
Ron Stewart

Robert Beebe  
Allen Owen  
Bill Ritter

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Topic: Healthy Forest Initiative in Boulder County, Colorado: Request for Funding Support

Date: March 5, 2010

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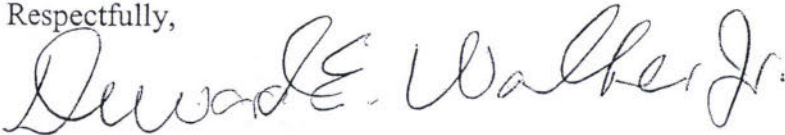
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Respectfully,

A handwritten signature in cursive script that reads "Deward E. Walker, Jr.".

Deward E. Walker, Jr., Ph.D.  
Owner, Logan Mill Ranch

Cc: Secretary Ken Salazar  
Secretary Tom Vilsack  
Governor Bill Ritter  
Senator Mike Bennett  
Senator Rollie Heath  
Representative Jared Polis  
Ron Stewart, Boulder County Open Space  
Robert Beebe, Secretary, 4-Mile Canyon Fire Department  
Allen Owen, District Forester, Colorado State Forest Service



# Four Mile Fire Department

## Newsletter, Winter 2010



## OUR NEW FIRE CREW

by Rob Beebe, Four Mile Fire Department Secretary

Inside:

Healthy Forest

Initiative page 2-3

Safety Tips page 4

Nearly Year-End

Wrap Up page 5-6

Pleas(e) page 7-8

Over the years the number of trained firefighters in the canyon during the day Monday-Friday has declined. Currently there are often only two volunteers in the canyon on a regular basis at those times. This is troubling. If a fire starts, who will be here to put it out? If there is a medical emergency, who will respond? This past Spring it occurred to us that we do have a group of able-bodied young men in the area during the week -- our forest fire mitigation crew.

After a good deal of soul searching we took the leap and created our first non-volunteer (i.e., paid) group of emergency responders. Now we have four full-time, fully trained firefighters in or around the District 200 days a year, Monday through Friday from 8:00 to 5:00. In the summer there are an additional two to four also seasonal members.

The leader of the fire crew, David Lasky, is a fully trained Sugarloaf volunteer. His second in command, Zach Littlefield, is a fully trained Sunshine volunteer. The other members of the crew are trained as wildland fire fighters. Two have structure fire training, one EMT, one first responder and one Hazmat operations. Thus far they have responded to 9 calls and been on standby for another 7. They are paid for their mitigation work from federal, state and private funds. When training as emergency responders and when on emergency response calls we pay them hourly. To date we have paid them a total of \$1,200. I don't know about you, but I think it is money well spent to have this kind of protection when we would otherwise have close to none.

[www.fourmilefire.org](http://www.fourmilefire.org)

Four Mile Fire  
Department is looking  
for a few good citizens  
to join our firefighters.

We will train and  
support you



## 4 Mile Fire Department

Fire Chief

*Bret Gibson*

303.444.0882

Quarter Master

*LouAnn Shirley*

303.442.4271

Board of Directors:

President and Chairman

*Doug Ray*

303.449.7994

Treasurer

*Allison Wagner*

Secretary

*Rob Beebe*

*Greg Berbaum*

*Karen Benjamin*

Newsletter created by

*Ingrid DiPaula/Design Ink*

*designink@ionsky.com*

*Emergencies call 911*

*Immediate help that are*

*Non-Emergencies*

303.441.4444

4 Mile Fire Department

87 Four Mile Canyon Dr.

Boulder, CO 80302

[www.fourmilefire.org](http://www.fourmilefire.org)

# Do We Need a Healthy Forest Initiative?

*by Deward E. Walker, Jr.*

Deward Walker is a long-time resident of Four Mile Canyon and a valued friend and supporter of the fire department. He and his family own and operate the Logan Mill Ranch Tree Farm, an American Forest Foundation Pioneer/Certified Tree Farm

## THE VALUE OF OUR FOREST

We have been reminded of the dangerous forest environment in which we live by the article entitled "Living in a Coniferous Calcutta." This recent article, appearing in our Four Mile Fire Department newsletter, describes several problems of our forest, especially its crowded, thickly overgrown condition. Fortunately, this is beginning to be addressed by the actions of our fire company leaders, who have taken the initiative in helping thin our forest. This thinning is reducing the risk of uncontrolled fire that has endangered all of us. Having observed the thinning efforts of our fire company and those of some of our neighbors, it has become apparent that there are certain other issues needing attention. In brief, how can we not only reduce the risk of forest fire but also how can we have a healthy forest? Perhaps the question that should be asked before proceeding further is: why should we try to produce a healthy forest; and, what would a healthy forest provide us. What are some examples of these benefits?

A first benefit of a healthy forest is soil conservation and purification of water resources. The negative environmental impacts of road building, septic leakage, and other developments in Four Mile Canyon are being partially mitigated by our forest. Our forest is also retaining water, especially in the shaded north-facing slopes where snow and water accumulate. Conservation of our thin soils is an important additional contribution of a healthy forest.

A second benefit of our forest is that it provides a healthy habitat for wildlife. Four Mile Canyon already resembles a wildlife refuge because of our forest and limited house density. We are even beginning to see the re-establishment of viable populations of certain species such as turkeys and bobcats.

Yet another value of our forest is it may well help prevent the severity and frequency of the flooding that has occurred periodically in Four Mile Canyon and other parts of the Front Range. The 1969 flood was only one of many historic floods, and we are assured by experts that many of us live in dangerous flood zones.

Our forest provides a fourth benefit in the beneficial and medicinal plants it provides. A fifth benefit for all of us is the freedom provided by our forest from various forms of air and noise pollution. Along with this, the privacy our forest provides us is another valuable contribution to our mental and physical health and the recreational opportunities so many of us enjoy because we live in the forest zone of Boulder County. It is worth noting here that the number of homes built in Four Mile Canyon since 1970 has increased by more than 50% and even more in the Logan Mill area.

## WHAT CAN WE DO TO HELP OUR FOREST: A FEW SUGGESTIONS

A second question is: how can we preserve and enhance our forest? For example, is forest thinning enough, or should we be taking additional steps? It is hard not to believe that more collective efforts are needed.

All the experts agree that our thinning program is an essential first step, but that it should include all of the forest and not just the areas immediately surrounding our



homes. The experts agree that un-thinned areas will remain as fire risks, as well as incubation areas for certain destructive insect species. A complete thinning of our forest will be expensive and require concerted and collective action by all of us to enhance what our fire company and some property owners have only begun.

A healthy forest requires biological diversity, even at the level of lichens, fungi, and bryophytes. Small mammals and birds also play a role in maintaining the diversity of our forest and are much underappreciated. For example, squirrels, birds, and even bees have significantly aided reforestation. Little effort has been made to enhance their efforts.

Diversity also requires a mixture of species, as well as stands of young, middle-aged, and old growth. Diversity can be an outcome of thinning, as we are noticing in Four Mile Canyon, where fir species are beginning to replace pine species in some of the thinned areas. Care must also be observed in thinning so that the proportions of various species are not altered from the native balance of species evident in forests that have not been subjected to the wholesale decimation by miners and even ranchers that took place in Four Mile Canyon during the late 19th and early 20th

centuries. Promotion of diversification is often thought to be a necessary component of forest re-growth strategies. Our historically decimated forest, in which the natural state of our forest was completely altered by the miners and ranchers, bears little resemblance to the natural forest of the early 19th century and before that was so effectively managed through traditional fire ecology practiced by the Arapaho. To achieve the balance that once existed under tribal care, it may be necessary to plant appropriate species after thinning has been completed. The Colorado State Forest Service and Colorado State University can provide support and expertise for us in this effort. We believe there is also room for diversification in the understory, where currant, chokecherry, and other shrubs supportive of wildlife should be encouraged. There is also room for aspen and several cottonwood species that flourish and preserve water in well-watered areas.

*It all depends on how much  
we value our forest and the  
benefits it provides us who  
are privileged to live here.*

While controlled burning of portions of our forest could be very beneficial, it poses an obvious hazard to our homes and lives, as seen in such fires as the Black Tiger fire on Sugarloaf. Nevertheless, there may be a place for selective uses of fire in the management of our forest. It should at least be studied for its possible application in appropriate areas. This is a matter for our fire department, as is the matter of burning the slash produced by thinning, house construction, and road construction. The slash piles benefit our birds, small mammals, and insect populations, whereas chipping is thought to reduce fire hazards. Nevertheless, chipping always accelerates the release of nutrients back into the soil and may not be the best slash solution in some cases. Perhaps both solutions to slash pile management have their place, and an appropriate combination should be found.

Many areas of forest are not accessible for some of the suggestions made here. There is evidence that trails and foot paths followed by the Arapaho and game were sometimes improved by miners in the 19th century. Some even became the bases for more recent road building. Trails are an important tool giving necessary access for effective forest management.

#### CONCLUSION

I fail to see why we should depend only on our fire company to create a healthy forest in Four Mile Canyon. A supportive group is necessary. While it can be coordinated to some degree by our fire company, the steps required for a healthy forest initiative call for additional help from all of us. Once organized, we can seek the necessary funding and expertise from county, state, and even federal sources. It all depends on how much we value our forest and the benefits it provides us who are privileged to live here.

## Four Mile Fire Department FIRE MITIGATION SERVICES

303.588.3440

David Lasky

4MileFireMit@gmail.com

#### Providing:

- X Environmentally sensitive fire mitigation
- X Forest health and Bark Beetle consultation
- X Defensible space design & implementation
- X Thinning, chipping and lot clearing
- X Firewood
- X Portable sawmill and locally produced rough-cut lumber
- X Native grass seeding and tree planting
- X Over 12 years of experience

**Not-for-profit Fire Mitigation**



# A Couple of Safety Tips

## NOW THAT WINTER IS HERE . . .

Cut the grasses around your house. I know. You think I have confused this newsletter with the spring one. Not true. They need to be kept short all year. As Chief Gibson reminded me the other day, the Olde Stage/Neva Road conflagration last winter began when a downed power line ignited grasses. Wind sweeping through tall grasses kept the fire going. And the Jamestown fire, which burned 12 houses a few winters go, was caused by a fire in dry grasses driven by Chinook winds. The flame length is 3 to 3 1/2 times the height of the grass, so if your grass is 6 inches tall, you would be looking at 1 1/2 foot flames. When I was out behind my house a few minutes ago, I couldn't help but notice that there were some grasses over a foot tall. And I thought I was safe because I cut them last June. I guess I had better get busy! You too.

*Speaking of which, these grass fires often start when embers from a chimney ignite them, so . . .*

Make sure you have a spark arrester on your chimney or stove pipe. Many of us burn wood in our stoves or fireplaces. Embers from those fires can escape from the top of a chimney and cause a fire. A few years ago - before he installed a spark arrester on the top of his stove pipe - one of my neighbors returned home from town to discover that an ember from his stove pipe had traveled over forty feet and started a fire in the woods near his house. Fortunately a passing UPS driver (who just happened to be a volunteer in the Gold Hill fire department) saw the fire from the road and put it out with my neighbor's garden hose. Luckily, the fire was still very small. Had it not been for the UPS driver's fast action, my neighbor would have lost his house, and some of his neighbors - including me - might have lost our houses. He went right out and bought a spark arrester. And he has slept better ever since. Google "spark arrester" for more info.

Clean your chimney regularly. If you have a wood stove or a fireplace, you probably have not thought much about it until recently. And you may not have cleaned it yet this fall. Flammable creosote deposits resulting from burning pine and fir form in your chimney. These can cause a chimney fire. Unfortunately chimney fires don't stay in your chimney. They get hot enough to burn down your house and your neighborhood. You can clean your chimney yourself or hire a chimney sweep to do it or you. But make sure it gets done!

Buy a carbon monoxide detector if you don't already have one. You can get a battery powered one for about \$25. An electric one costs about the same. An electric one with a battery backup costs about \$60. It's a small price to pay for the peace of

- ✱ Cut grasses around your home
- ✱ Chimney spark arrester
- ✱ Clean chimney
- ✱ Carbon Monoxide detector
- ✱ Smoke Detector
- ✱ Propane Tank pressure relief valve
- ✱ Check propane system



mind you get from knowing that your family is protected from this silent killer. If you already have one, you are good, and we commend you. But make sure it works. Plug it in and see what happens. Check the batteries.

Finally, YOU DO HAVE A SMOKE DETECTOR, DON'T YOU????!! If not, Yikes! Go right down and get one. Very inexpensive protection: about \$10 for a battery powered one, \$20-50 for an electric one with a battery backup. If you have one, make sure it's in working condition.

Since **McGuckin's** is kind enough to make a donation to us every year, I don't mind telling you that they are one local store that has all of the aforementioned items.

#### *And a year round tip...*

Make sure your propane tank has a pressure relief valve. Some houses in the canyon have old propane tanks without pressure relief valves. If your house is more than 25 years old, you should check this out. You may be asking yourself just what a pressure relief valve is. It is a valve on the top of your propane tank that releases built up pressure in the tank. Propane is delivered as a liquid and it stays a liquid at the bottom of your tank. But it turns into a gas at the top of the tank, and it is as a gas that it enters your house. Heat from a fire or even from sunlight (the reason propane tanks are generally painted white or silver) can cause the gas to expand, which causes pressure to build up in the tank. Excess pressure can cause a tank to explode. A pressure relief valve keeps the gas from expanding to a dangerous point by allowing it to escape from the tank.

If you are in doubt about whether your propane tank has a pressure relief valve, ask the person who delivers your propane. If you never see that person, call your propane supplier and ask them to have him check your tank out the next time he delivers propane to you.

And it is a good idea to check your propane system occasionally. Check all the connections for leaks using a spray bottle of soapy water. Keep your pressure regulator free of ice and debris.

## **(Nearly) Year End Wrap Up**

Since this will be the last newsletter until Spring, it is a good time to tell you what your fire/emergency medical/rescue department has been up to during 2009.

#### **CALLS:**

We responded to 89 calls for help during the period December 1, 2008 to November 24. Among those calls were 16 fires - both structure and wildland fires (including last winter's major Olde Stage/Neva Road fire, where we had 4 trucks and 16 fire fighters), 48 emergency medical incidents, 3 rescues, 14 vehicle accidents, 4 "hazards" (gas leaks, downed power lines, etc.), and 4 calls that turned out to be false alarms

#### **VOLUNTEERS:**

We have 30 emergency responders, 8 members of our auxiliary crew (i.e., everyone who does everything except respond to emergencies) and 5 board members.

In addition to responding to emergencies, our volunteers do jobs as diverse as organizing trainings; keeping the stations, trucks and equipment clean and maintained so things are in order when the emergency responders answer a call



[www.fourmilefire.org](http://www.fourmilefire.org)



# (Nearly) Year End Wrap Up

(cont'd)

for help; ordering and keeping track of our gear; writing grant proposals; handling communications during emergencies; keeping our web site up-to-date; keeping us in compliance with the numerous - and ever-increasing - state and federal laws which apply to us; keeping our maps up to date; providing hot coffee and meals for our emergency responders during training exercises and fires; managing the incident command interface with federal agencies; overseeing the activities of our mitigation crew; coordinating with our neighboring fire departments; and putting out this newsletter. I am sure we do even more things of which I am ignorant.

## THANK YOU TO ALL OUR VOLUNTEERS! DONATIONS:

Although we receive your tax dollars, a small amount of operating revenue that we can use for general purposes, and federal and state grants (which are always restricted in terms of how they can be used), we remain chronically underfunded. Your donations mean an enormous amount to us. Thanks very much.

Richard and Sarah Kuyper  
Daphne Sloan  
Mr. and Mrs. Roger Garnett

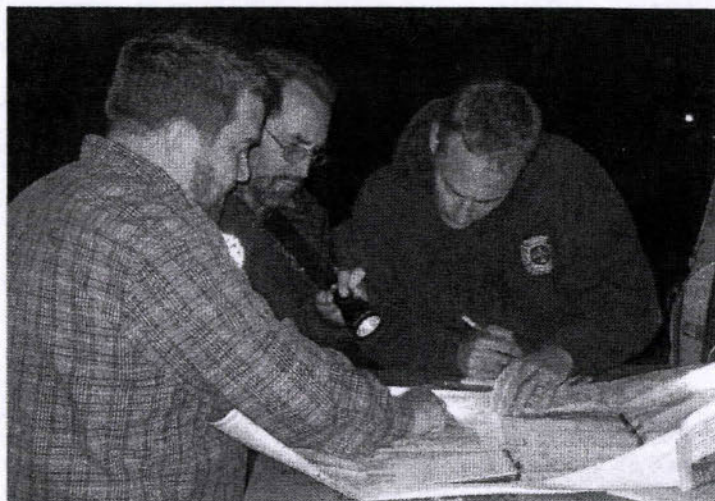
Julie Carpenter  
Rob and Patti Beebe

We also received a generous donation from the Lake Valley Homeowners Association for saving their homes during the Olde Stage/Neva Road fire.

McGuckin Hardware makes small donations to many worthwhile organizations in Boulder County. We are proud to have been one of the recipients of their generosity for many years, including 2009.

## GRANTS:

As always, your fire department has been busy applying for grants from the feds, state and private sources. During 2009, either alone or in conjunction with neighboring fire departments, we have received matching grants from FEMA for medical and fire training, from the Colorado State Forest Service for community fire mitigation projects, and a grant



for the purchase of four Automatic External Defibrillators (see below). We are already hard at work applying for grants for 2010.

## NEW LIFE-SAVING EQUIPMENT:

During 2009 we received a 50/50 matching grant in the amount of \$2,800 to purchase four Automatic External Defibrillators. These devices are crucial in keeping heart attack victims alive. Two are in our primary medical response trucks, one is at the Salina Fire Station, and one is at the Red Lion Inn (where we have a number of heart attacks). The Red Lion has kindly provided the funding for the AED that we keep there.

## MITIGATION ACTIVITIES:

During 2009 our forest fire mitigation crew thinned 144 acres of land in Four Mile and Sunshine Canyons and in the Gold Hill area. Yes, we work in our adjoining districts. Forest fires do not respect jurisdictional boundaries. Those 144 acres include:

- a 13 acre shaded fuel break on BLM property in the Logan Mill/Escape Route area and 5 defensible spaces adjacent to the BLM ground totaling another 11 acres.
- a 40 acre shaded fuel break along Sunshine Canyon Road. This fuel break protects two vital escape routes/firefighter ingress routes in and out of Four Mile Canyon. It also helps protect us from any fires that might come up out of Left Hand Canyon, which has had a troubling number of small fires recently.
- 37 acres of forest thinned under the Forest Agriculture program sponsored by the state forest service.

The mitigation program is paid for almost entirely by grants from the feds and the state forest service and by payments by the owners of the thinned land.



# Pleas(E)

by Rob Beebe, Four Mile Fire Department Secretary

*There is a place for  
you in the Four Mile  
Fire Department!*

*Call Bret Gibson  
at 303.444.0882  
or Rob Beebe at  
303.449.1712 to talk  
about volunteering.*

## THERE ARE TWO THINGS WE NEVER HAVE ENOUGH OF: PEOPLE AND MONEY

### PEOPLE

We are a volunteer organization. We would not exist were it not for our volunteers. Who are our volunteers? They are people like us. Perhaps you are a volunteer. If not, it's likely your neighbor is. Our volunteers do a variety of things. Some of them fight fires; some respond to medical emergencies and car accidents; five serve on the board of directors; others serve on our auxiliary squad. We are proud of each of our volunteers, and we thank them. But we always need more people to help out. **WE NEED YOU.**

We always need emergency responders. But we also particularly need you to serve on our auxiliary squad. **WHAT COULD YOU DO?**

Well, the long time coordinator of our auxiliary squad has retired, and we need someone to replace her. **You could do that.**

We used to have what we called "station moms" (nowadays we will call them "station captains"), but now we find we do not have any of those. We need one for each station. Someone to look after each station: to sweep it out, take out the trash. **Those kinds of things.**

We need people to provide hot coffee and lunches for our emergency responders during trainings and on fires.

Form a group with your four best pals in the canyon and spend an hour or two a week feeding our emergency responders, cleaning up after them, pampering them. To the extent we have a good support system for our emergency responders, we are able to retain them. And if we retain them, they are there to help us when we need them.

We don't need very much of your time - just as much of it as you wish to spare. It doesn't pay anything, but it's the best part time job you will ever have. Please consider doing your bit to make your community a better, safer place.

*P.S. I would sure like to give up being the editor (or whatever I am) of this newsletter so I can concentrate on my other duties. If you have any experience with publications of any sort (did you, for instance, work on your high school newspaper?) or if you have ever had a hankering to do so, this is your opportunity. It's not an all-consuming job; we only put out two newsletters a year. If you are interested, call me - Rob Beebe - at 303.449.1712.*

### MONEY

We receive between \$110,000 and \$115,000 of your tax dollars every year (according to the Assessor's office, we are going to receive an all time high of \$118,958 in 2010; we'll believe that when we see it!), and we do our best to use them wisely. We have not raised taxes since 1998. Can you think of any other government that

[www.fourmilefire.org](http://www.fourmilefire.org)



www.fourmilefire.org

## Four Mile Fire Department Newsletter, Winter 2010

Your donations are 100% tax deductible. Please take out your checkbook right this minute, write a check to the Four Mile Fire Protection District, and send it to the address on this newsletter. Thanks in advance. You will never give money to an organization that does more for you or is more careful with what you contribute!

Best wishes to each and every one of us for a safe and happy holiday season and a safe, healthy, prosperous 2010!

We also receive income from federal and state grants, which we put to good use, but they are always very limited with respect to how they can be used. That's the good news. The bad news is that the amount we collect does not cover the amount we need to collect to maintain our trucks and equipment, complying with an ever-increasing number of federal and state mandated programs and activities - it all costs more than it did in 1998. So we need help from you. We need your donations. It costs a lot to equip fire engines and firefighters. A \$50

*It's not easy, but somehow we make it work.*

buy us nearly what it did in 1998. The cost of the propane we use to heat our stations, the gas we put in our trucks, electricity, insurance, the training we provide for our volunteers, medical supplies, communications equipment, postage, the audit we are required to have every year, the notices we are required to have published in the newspaper, the equipment that allows our firefighters and medical responders to do their life-saving jobs, maintaining our trucks and equipment, complying with an ever-increasing number of federal and state mandated programs and activities - it all costs more than it did in 1998.

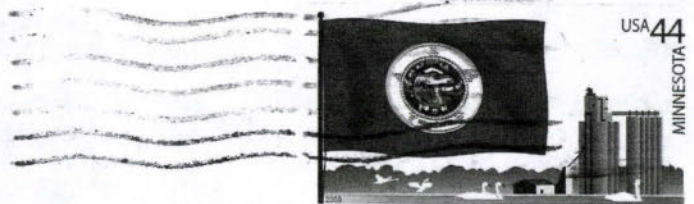
We receive very small amounts of additional funding from other sources - our agreements with Boulder Open Space and Mountain Parks and Boulder Utilities, neither of which pays taxes on their property in the District, generate about \$4,500 a year. A service agreement with a small business which is not in the District but which we serve brings us another \$1,500. We stretch these revenues until they squeak.

# Plea(se)

(cont'd)



Four Mile Fire Department  
87 Four Mile Canyon Dr.  
Boulder, CO 80302  
www.fourmilefire.org



WALKER DEWARD E JR  
PO BOX 4147  
BOULDER CO 80306







## 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: Four Mile Fire Protection District

Address: 87 Four Mile Canyon  
Boulder, CO 80302

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: 536709 Cooperator Match: 16,702.90

Approved Funding: 7500.00 Total Project: 24,202.90

CSFS Account Number: 536709 Amount of Payment: 7,500.00

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)



**EXHIBIT B**  
**CSFS GRANT REPORT/REIMBURSEMENT REQUEST**

In order to receive reimbursement, you **must** provide documentation supporting your costs and corresponding match. Complete Form D and submit it with your request for reimbursement. Reimbursement requests must be accompanied by receipts for actual costs (out of pocket expenses) incurred by the recipient. Other costs and matching funds incurred by the applicant and/or donated by other resources includes expenses for goods, services and labor necessary for project implementation. You may request partial reimbursement as you incur expenses and have corresponding match.

1. Project/Account #: 536709	2. Total Award Amc \$7,500
3. Project Name: Four Mile FPD	4. Reimbursement Amount to Date: \$0
5. Make Payment To: Four Mile FPD Name: Attn: Address: 87 Four Mile Canyon Boulder, CO 80302	6. Period of Performance (Project Period): From: 5/18/2012 To: 9/10/2012

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. 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, etc., for which the award was granted. Attach additional sheets as necessary.

Properties treated: 5170 Sunshine Canyon Drive (4.1 ac), 2450 Four Mile Canyon Drive (0.4 ac), 4352 Sunshine Canyon Drive (3.5 ac), 6401 Sunshine Canyon Drive (5.5 ac), 310 Whendlyn Way (1.5 ac).

8. Reimbursement Request: I request reimbursement in the amount of \$ 7500 for the work completed and documented above.

Reimbursement request amount cannot exceed the total project award obligation as identified in the project award notification. The reimbursement request amount must comply with the appropriate cost-share requirement for the period being billed. The reimbursement amount cannot exceed the actual project costs to recipient.

A. Award Amount	B. Recipient Contribution	C. Non-recipient Contribution	D. Total Contributions	E. Reimbursement Requested Amount	F. Total Match Ratio %
			B + C		E / D
\$7,500.00	\$16,702.90	0	\$16,702.90	\$7,500.00	45

\* Use results from Exhibit B: Financial Assistance Programs Reimbursement Calculation Worksheet to complete table above. Include Exhibit B: and Form D Cost Documentation or other approved documentation with Exhibit B to request reimbursement.

9. I certify that to the best of my knowledge this report is correct and complete, and that all outlays reported are for the purposes set forth in the project documents (i.e. award notification, scope of work, etc.). All expenses and all cost-share are true and accurate.

Grant Recipient Signature: \_\_\_\_\_

Date: 9/11/12

10. Certification:

Work meets minimum standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: \_\_\_\_\_

Date: 9/11/12

11. Funding is available and request is approved for reimbursement.

Program Manager Signature: \_\_\_\_\_

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

## Four Mile Fire Protection District

## INVOICE

87 Four Mile Canyon  
Boulder, CO 80302  
Phone 303-444-0882

DATE: SEPTEMBER 11, 2012

**TO:**  
Laurent Nicault  
5170 Sunshine Canyon Drive  
Boulder, CO 80302

### COMMENTS OR SPECIAL INSTRUCTIONS:

**PLEASE SEND CHECK MADE OUT TO THE 'FOUR MILE FIRE PROTECTION DISTRICT' TO:**

**ZACH LITTLEFIELD**  
**870 CR 83**  
**BOULDER, CO 80302**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
05/18-6/4/2012	Wildfire and Hazard Tree Mitigation & Chipping (2.5 Days)	\$1000/Day	\$2,500.00
<b>PAID- Check Numbers: 2874 &amp; 2875</b>			
TOTAL DUE			\$2,500.00

Make all checks payable to: Four Mile Fire Protection District  
If you have any questions concerning this invoice, contact: Zach Littlefield, 303-449-3333

**Thank you for your business!**



## Four Mile Fire Protection District

## INVOICE

87 Four Mile Canyon  
Boulder, CO 80302  
Phone 303-444-0882

DATE: JUNE 22, 2012

**TO:**

Scott Streetman  
310 Wendlyne Way  
Boulder, CO 80302

### COMMENTS OR SPECIAL INSTRUCTIONS:

**PLEASE SEND CHECK MADE OUT TO THE 'FOUR MILE FIRE PROTECTION DISTRICT' TO:**

**ZACH LITTLEFIELD**  
**870 CR 83**  
**BOULDER, CO 80302**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
06/21-6/22 2012	Weed Whacking, Forest mitigation and chipping. (7 Hours)	\$142.86/Hour	\$1000.00
GRANT FUNDING-1 ACRE AT \$500/ACRE:			(\$500.00)
TOTAL DUE			\$500.00

Make all checks payable to: Four Mile Fire Protection District  
If you have any questions concerning this invoice, contact: Zach Littlefield, 303-449-3333

**Thank you for your business!**



# Four Mile Fire Protection District

# INVOICE

87 Four Mile Canyon  
Boulder, CO 80302  
Phone 303-444-0882

DATE: AUGUST 6, 2012

**TO:**  
Thia Martin  
6401 Sunshine Canyon Drive  
Boulder, CO 80302

## COMMENTS OR SPECIAL INSTRUCTIONS:

**PLEASE SEND CHECK MADE OUT TO THE 'FOUR MILE FIRE PROTECTION DISTRICT' TO:**

**ZACH LITTLEFIELD**  
**870 CR 83**  
**BOULDER, CO 80302**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
07/25-08/03/2012	Wildfire and Hazard Tree Mitigation & Chipping-		
	Four Man Fire Crew: 38 Hours	\$173.36/Hour	\$6,587.68
	Five Man Fire Crew: 14 Hours	\$208.23/Hour	\$2,915.22

TOTAL	<u>\$9,502.90</u>
DEPOSIT	\$(5,000.00)
GRANT FUNDING (5 ACRES AT \$500/ACRE)	\$(2,500.00)
TOTAL DUE	\$2,002.90

Make all checks payable to: Four Mile Fire Protection District  
If you have any questions concerning this invoice, contact: Zach Littlefield, 303-449-3333

Thank you for your business!

*Project  
Total,  
Landowner  
pocket*



## Four Mile Fire Protection District

## INVOICE

87 Four Mile Canyon  
Boulder, CO 80302  
Phone 303-444-0882

DATE: SEPTEMBER 6, 2012

**TO:**

Rick Blades  
2450 Four Mile Canyon Drive  
Boulder, CO 80302

### COMMENTS OR SPECIAL INSTRUCTIONS:

**PLEASE SEND CHECK MADE OUT TO THE 'FOUR MILE FIRE PROTECTION DISTRICT' TO:**

**ZACH LITTLEFIELD**  
**870 CR 83**  
**BOULDER, CO 80302**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
08/22/2012	Hazard tree removal.	Set	\$200.00
TOTAL DUE			\$200.00

Make all checks payable to: Four Mile Fire Protection District  
If you have any questions concerning this invoice, contact: Zach Littlefield, 303-449-3333

**Thank you for your business!**

# Four Mile Fire Protection District

# INVOICE

87 Four Mile Canyon  
Boulder, CO 80302  
Phone 303-444-0882

DATE: SEPTEMBER 11, 2012

**TO:**  
Laurent Nicault  
5170 & 4352 Sunshine Canyon Drive  
Boulder, CO 80302

## COMMENTS OR SPECIAL INSTRUCTIONS:

**PLEASE SEND CHECK MADE OUT TO THE 'FOUR MILE FIRE PROTECTION DISTRICT' TO:**

**ZACH LITTLEFIELD**  
**870 CR 83**  
**BOULDER, CO 80302**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
08/28-09/10/12	Wildfire and Hazard Tree Mitigation & Chipping (6 Days Total)	\$666.67/Day	\$4,000.00
TOTAL DUE			\$4,000.00

Make all checks payable to: Four Mile Fire Protection District  
If you have any questions concerning this invoice, contact: Zach Littlefield, 303-449-3333

**Thank you for your business!**





## 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"/>
	<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/> 02-25-11

Name: Deward Walker \_\_\_\_\_

Address: P.O. Box 4147 \_\_\_\_\_

Boulder, CO 80306 \_\_\_\_\_

**Approved for Payment**  
**C.S.F.S.**

1191489

02-25-11

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: 536709-04 - 80

Cooperator Match: \$9310.00 \_\_\_\_\_

Approved Funding: 15,000 ~

Total Project: \$14,310.00 \_\_\_\_\_

CSFS Account Number: 536709-~~8000~~ 6693  
08 Haz Fuels BO ~

Amount of Payment: \$5000 ~

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: 2/24/11

**EXHIBIT B**  
**GRANT REPORT/REIMBURSEMENT REQUEST**  
**COMPETITIVE GRANTS**

Project Number: 536709-04

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) provision. 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 #: <u>536709-04</u>		2. Project Funding Amount: <u>\$15,000</u>		3. Community Protected: <u>LOGAN MILL</u>																																																	
4. Make Payment To: Name: <u>DEWARD WALKER</u> Address: <u>Box 4147</u> <u>Boulder, Co. 80306</u>			5. Period of Performance: From: <u>2009</u> To: <u>2010</u>																																																		
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.)  <u>See attached letter.</u> <u>10 ACRES COMPLETED IN SUNBEAM GULCH AREA; MAXIMUM MATCH PER</u> <u>this grant is 500.00/AC.</u> <u>AVERAGE COST PER Acre PER this request is 1431.00</u>																																																					
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10. Certification (To be completed by CSFS District): Work meets minimum standards as set forth by CSFS. Signature: <u>[Signature]</u> Date: <u>2/1/11</u>																																																					

Rev 12/15/09





## 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)	X
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/>

Name: Deward Walker \_\_\_\_\_

Address: P.O. Box 4147 \_\_\_\_\_

Boulder, CO 80306 \_\_\_\_\_

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: 536709-04 \_\_\_\_\_

Cooperator Match: \$9310.00 \_\_\_\_\_

Approved Funding: 15,000 \_\_\_\_\_

Total Project: \$14,310.00 \_\_\_\_\_

CSFS Account Number: 536709-5980 \_\_\_\_\_  
08 Haz Fuels BO

Amount of Payment: \$5000 \_\_\_\_\_

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

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

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



**EXHIBIT B**  
**GRANT REPORT/REIMBURSEMENT REQUEST**  
**COMPETITIVE GRANTS**

Project Number: **536709-04**

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 #: <b>536709-04</b>	2. Project Funding Amount: <b>\$15,000</b>	3. Community Protected: <b>LOGAN MILL</b>
4. Make Payment To: Name: <b>DEWARD WALKER</b> Address: <b>Box 4147</b> <b>Boulder, Co. 80306</b>		5. Period of Performance: From: <b>2009</b> To: <b>2010</b>

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.)

*See attached letter.*  
**10 ACRES COMPLETED IN SUNBEAM GULCH AREA; MAXIMUM MATCH PER THIS GRANT IS 500.00/AC.**  
**AVERAGE COST PER ACRE PER THIS REQUEST \$1431.00**

7. Reimbursement Request: **\$5000.00**  
 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	Matching Funds		Reimbursement Amount Requested	Matching Funds	
	For Out of Pocket Expenses	Cash (hard match)	Donated (Inkind match)	For Out of Pocket Expenses	Cash (hard match)	Donated (Inkind match)
Labor*	<b>5000.00</b>	<b>9310</b>				
Material**						
Total	<b>5000.00</b>	<b>9310</b>				

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.

8. Amount Paid to CSFS for Products and/or Services: **\$ 0**

9. I request reimbursement in the amount of \$ **5000.00** 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: **Deward Walker Jr.** Date: **1/12/11**

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: **[Signature]** Date: **2/1/11**



## Logan Mill Ranch Tree Farm

An American Forest Foundation Pioneer (PFT)/Certified Tree Farm (CTF)

Deward E. Walker, Jr.

P. O. Box 4147

Ph. (303) 492-6719 or (303) 492-8984

Fax (303) 492-7970

Boulder, CO 80306

[walkerde@colorado.edu](mailto:walkerde@colorado.edu)

---

To:	Allen Owen	and	Bob Bundy
	District Forester, Colorado State Office		CSFS - Boulder District
	5625 Ute Highway		5625 Ute Highway
	Longmont, CO 80503		Longmont, CO 80503

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Topic: Request for reimbursement: \$5,000

Date: January 12, 2011

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Dear Allen and Bob:

Thanks for our recent meeting in which you clarified a number of items for me concerning our thinning contract with the CSFS. We have completed 10 acres of the contracted 15 acres in Sunbeam Gulch and are currently working on the remaining 5 acres (weather permitting). The fire has also held us up.

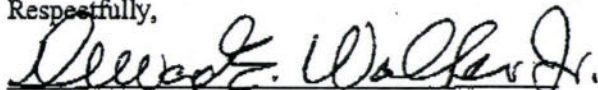
The hours and other expenses we have expended so far in the Sunbeam Gulch part of the project area are as follows:

Daniel Walker	160 hours at \$17.50/hr for \$2,800.00
Robert Hodgetts	120 hours at \$17.50/hr for \$2,800.00
Milton H. Bazinau	160 hours at \$15.00/hr for \$2,400.00
Arthur Grits	80 hours at \$15.00/hr for \$1,200.00
Paul Froy	160 hours at \$17.50/hr for \$2,800.00
Austin O'Loughlin	80 hours at \$12.00/hr for \$960.00
Subtotal	\$12,960.00 ✓
Travel	\$250.00
Chipper and machine expenses	\$500.00
Other expenses (saws, etc.)	\$600.00
<b>TOTAL</b>	<b>\$14,310.00 ✓</b>

We realize that we are expending more than the \$1,000/acre estimate used in our thinning contract with the CSFS. This simply reflects the reality of the situation. We are, therefore, requesting ½ of the \$1,000/acre estimate stipulated in the contract for the ten acres we have completed -- \$5,000 -- and any of our earlier requests for reimbursement.

This memo takes the place of your forms. I affirm these figures to be true and accurate and would appreciate your assistance in gaining whatever portion of these expenses you are able to provide. We also wish to continue during 2011 and hope to meet with you again very soon to make those arrangements.

Respectfully,



Deward E. Walker, Jr., Owner  
Logan Mill Ranch

**Financial Assistance Program  
Cooperative Match Project**

To be conducted by:

Logan Mill Ranch Tree Farm (LMRTF)

<b>Project Number:</b>	5-36709 - 04
<b>Estimated Project Cost:</b>	\$30,000
<b>Funding provided by CSFS:</b>	\$15,000
<b>Minimum Recipient Match:</b>	\$15,000
<b>Project to be completed by:</b>	8-30-2010

Based on the strength of the application submitted LMRTF, the Colorado State Forest Service is providing funding in the amount up to but not exceeding \$15,000 to accomplish the project described in the attached scope of work.

As the cooperator, LMRTF, 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:  

CSFS-Boulder District  
5625 Ute Highway  
Longmont, CO 80503
- 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 August 30, 2010. There will be no extensions provided due to federal fund grant requirements.

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

**Cooperator Signature:**

**Date:**

Logan Mill Ranch Tree Farm  
Edward E. Walker, Jr.  
P.O. Box 4147  
Boulder, CO 80306

Telephone Number: (303) 492-6719 or (303) 492-8984

7/21/09

Email Address: [walkerde@colorado.edu](mailto:walkerde@colorado.edu)



**EXHIBIT A  
TO SUBAWARD G-5-36709 - 04  
SCOPE OF WORK**

**CSFS 2009 : Logan Mill Ranch Tree Farm (LMRTF)**

**Work to be completed:** This grant will cover up to half of the cost of the Logan Mill Ranch awarded grant project. Approximately 30 acres of forest have been identified for treatment. This treatment includes fuels reduction, creation of safer egress routes, fuel breaks, and defensible spaces.

**Milestone dates:** Implementation will begin upon approval of this Scope of Work. The project will run through August 2010. The grant awardee will periodically submit an "Attachment B: Grant Report/Reimbursement Request" to the local CSFS.

**Standards and Guidelines:** Project work will meet the standards identified in the Four Mile FD CWPP, CSFS "Fuelbreak Guidelines for Forested Subdivisions & Communities", and CSFS "Creating Wildfire-Defensible Zones" fact sheet. The CSFS is available, if necessary, to assist with initial project setup by assisting with flagging treatment boundaries, writing a basic scope of work, and marking removal trees in demonstration areas. The LMRTF is responsible for determining implementation details and ensuring the project is completed within the grant cycle. A CSFS representative will inspect the reported acreage before reimbursement approval.

All grant funds will be used as a  $\leq 50\%$  reimbursement for hard dollar expenditures for project implementation. LMRTF will initially cover the cost of implementation by paying contractor(s). LMRTF will then submit documentation of the work for reimbursement. The limit for CSFS grant matching contribution is set at \$500 per acre. If the costs for treatment are above \$1,000 per acre, LMRTF will cover the excess costs for the project.

**Project Period:** August 1, 2009 through August 30, 2010

**Sub-award Amount:** \$15,000

**Minimum Cooperator Match:** \$15,000

**Deliverables:** A minimum of 30 acres of forest treatment done to CSFS standards. This consists of fuels reduction on shaded fuel breaks, the creation of safer egress routes, and treatment within defensible space zones.


**Project Types:** Homeowner/Community Action and Implementation/Treatment.

All work completed under this subaward must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the subawardee. Attachment B to the subaward 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.

*DEW*

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

 CSFS # **805** Rev. 02/04/05

Date: 7-17-09		Requested By: Bob Bundy		Resale to:		CSFS Invoice #:		
Vendor: Logan Mill Ranch Tree Farm Deward E. Walker, Jr. P.O. Box 4147 Boulder, CO 80306				Ship To: Colorado State Forest Service Boulder District 5625 Ute Highway Longmont, CO 80503				
Reason for Vendor Selection: <input type="checkbox"/> Sole Source (attach completed Sole Source Justification Form) <input type="checkbox"/> Previous Supplier <input type="checkbox"/> Other						Terms:		
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	5-36709	5980	1	Lot	FINANCIAL ASSISTANCE PROGRAM	\$15,000	\$15,000	
2	'08 Haz Fuels BO				COOPERATIVE MATCH PROJECT;			
3					Project Completion Date 08-30-10			
4								
5								
6								
7								
8								
9								
10								
SPECIAL INSTRUCTIONS:			Expenditure Approval:  Authorized Signature:  Date: <u>7/17/09</u>				Subtotal: \$ <u>15,000</u> Discount: \$ _____  TOTAL: \$ <u>15,000</u>	