



## Colorado State Forest Service Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Bureau of Land Management Task Order Program	<input type="checkbox"/>
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	<input type="checkbox"/>
Forest Land Enhancement Program (a.k.a.: FLEP)	<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"/>

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

08-17-09  
KC

Name: Larimer County Natural Resources

Address: 1800 S. County Road 31

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

Loveland, CO 80537

365019  
08-17-09  
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: 530979 - FC CARTER LAKE Cooperator Match: \$ 71,185.55  
106 CPG SFANFP FRFT  
 Approved Funding: \$30,000 Total Project: \$ 80,676.94

CSFS Account Number: 5309790-6693 Amount of Payment: \$ 9,491.39

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: 8/11/09



EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number: 530979  
-530908 DS

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 #: <span style="float: right;">DS</span> 530908 530979	2. Project Funding Amount: \$30,000	3. Community Protected:	Berthoud and Loveland
4. Make Payment To: Name: Larimer County Natural Resources Address: 1800 S. County Road 31 Loveland, CO 80537		5. Period of Performance: From: 4-Mar-09 To: 29-Jul-09	

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.)

During the months of March through July 2009, an additional 20 acres were treated within the project area at Carter Lake, totaling 68 acres since the beginning of the project. The total treated acres is 18 acres larger than proposed in the grant application. ~~Therefore the unused \$3,000 dedicated for the Phase I Carter Lake grant is requested for reimbursement in this grant.~~ Trees were mechanically removed by hand crews to reduce stand densities to an average basal area of 50 and patch cuts created openings in unnaturally dense stands of ponderosa that were infected with dwarf mistletoe. Trees and limbs were cut into firewood lengths and removed by volunteers, piled or scattered throughout the site.

Grant dollars were used to contract the Larimer County Emergency Services Mitigation Crew to conduct thinning efforts. In-kind match was comprised of a combination of Larimer County staff time to assist in project implementation and Alternative Sentencing Unit time stacking logs and slash.

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* <span style="float: right;">DS</span>	\$9,491.39 <span style="float: right;">DS</span>	0	\$71,185.55	\$80,676.94 <span style="float: right;">DS</span>				
Material**		0		\$0.00				
Total <span style="float: right;">DS</span>	\$9,491.39 <span style="float: right;">DS</span>	0	\$71,185.55	\$80,676.94 <span style="float: right;">DS</span>				

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

\* Use actual costs or \$17.55/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 \$12,491.39 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: DS

Date: 7/29/09

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

Work meets minimum standards as set forth by CSFS.

Signature: DS

Date: 8/05/09



**Colorado State Forest Service  
Front Range Fuels Treatment  
Partnership  
Wildland Urban Interface  
Grant Application**

FOR OFFICIAL USE ONLY	
District Submitting Project:	
Forester Submitting Project:	
District Priority Number:	
Date Submitted:	
FRFTP Rating:	

Applicant Information	
<b>Applicant:</b>	Larimer County Parks and Open Lands Department
<b>Contact Person:</b>	Dan Rieves or Meegan Flenniken or Tony Simons
<b>Address:</b>	1800 S. County Road 31
<b>City/Zip Code:</b>	Loveland, CO 80537
<b>Phone (Work/Cell):</b>	(970) 679-4570
<b>Email:</b>	drieves@larimer.org or mflenniken@larimer.org or simonsap@co.larimer.co.us
<b>Fax:</b>	(970) 679-4574

Community At Risk Information			
<b>Name of Project:</b>	Carter Lake Fuels Treatment and Forest Stewardship Project		
<b>Community Name(s):</b>	Loveland		
<b>County:</b>	Larimer	<b>Congressional District:</b>	4th
<b>Latitude (decimal degrees):</b>	40.35516	<b>Longitude (decimal degrees):</b>	-105.21432
Threat Description (check all that apply)			
<b>Homes:</b>	X	Number of:	125
<b>Infrastructure:</b>	X	Estimated value of:	\$150,000
<b>Businesses:</b>	X	Number of:	3
<b>Economic Viability:</b>	X	Estimated value of:	\$700,000
<b>Watersheds:</b>	X	Number of:	1
<b>Historic Structures:</b>	<input type="checkbox"/>	Number of:	
<b>Other (Describe):</b>	Additional infrastructure includes the Carter Lake Sail Club building and a small campground.		

Requested Grant Amount / Project Description	
All information for the project must fit into the space provided below. The review committee will not consider attachments.	
<b>Dollar Amount Requested</b>	<b>Projected Match</b>
\$ 35,000	\$ 35,000
<b>Provide a brief overview of the project and the project area. (If applying for a fuels reduction project, identify vegetation types)</b>	
<p>Carter Lake Park is owned by the Bureau of Reclamation and managed by Larimer County Parks and Open Lands Department. The Park has a Forest Management Plan (2004) prepared by the Colorado State Forest Service (CSFS) which outlines the highest priorities for management as: reducing fuel loads thus reducing wildfire hazard; controlling insect and disease (mistletoe, mountain pine beetle and western gall rust); and, improving the native vegetation understory and wildlife habitat. Approximately 75 acres have been treated to-date by thinning and stacking slash. Treatments focused at the highest priority areas identified within the forest management plan and areas that protect surrounding communities. This proposed project, if funded, would build upon work already completed and represent a significant expansion and continuation of forest management on this property. This project is a priority identified in the Larimer County Fire Plan along with two Community Wildfire Protection Plans—Berthoud, and Loveland.</p> <p>The predominant forest stand type present at Carter Lake Park is ponderosa pine. The topography of the property includes numerous drainages bisecting east to west in the hogback slope creating a scalloped pattern. The highest elevation on the property is 6,000 feet near the north end of the Park boundary, and the lowest elevation is 5,770 feet primarily along the eastern edge of the forest. Slopes range from less than 10% up to 40%.</p>	



## Scope of Work / Project Timeline

Provide a brief scope of work that clearly describes how grant funds will be spent. (This should be more specific than the project description)

4

The project area includes 50 acres at the north end of the property's western ridgeline which is dense ponderosa pine forest that exhibits patches of diseased trees. A small portion of this area (~10 acres) were limbed by volunteers in 2004, however dense stands still exist within the limbed areas. Treatment as outlined in the Carter Lake Forest Management Plan will include thinning of trees to a 15-foot crown spacing and stacking of slash for either chipping or pile burning (see the attached project map for location information and treatment site details). Thinning will concentrate on dog hair stands, diseased trees and poor form trees (forked top/bent over/etc.). Trees will be marked by either Larimer County or the Colorado State Forest Service to allow for species and age diversity, riparian sensitivity, and increased crown spacing with increased slope. Any large dead trees that have wildlife potential, and do not pose a safety hazard in proximity to the trail, will be left as snags. Slash will be piled and stacked for either chipping (where feasible and terrain allows chipper access) or pile burning (in compliance with applicable smoke permits and by agreement from the Bureau of Reclamation).

This fuels reduction project will utilize the Larimer County mitigation crew to fell the trees and the Alternative Sentencing Unit inmates to stack slash and volunteers to remove firewood. This project will serve as a demonstration area for the many visitors and locals who recreate at the Park. Fuel reduction on these parklands will also benefit and help protect the surrounding private properties, reduce the risk of extreme soil erosion into Carter Lake in the event of a large wildfire, curtail the spread of diseases, and promote the health of native plants in the understory thereby improving wildlife habitat.

The County will dedicate staff time as hard dollar match and both local ASU crew time and other volunteer hours towards the in-kind match for the completion of this project.

**Describe all planned maintenance (grant funded or other) if this project is funded.**

Maintenance of this area post-treatment will be undertaken by the Parks and Open Lands Department based on regular reviews and the outcome of future Forest Management Plan updates.

**What is the duration of this project? (check one) One Year ☒**

**Is this a continuing project from previous year/s? (check one) X Yes ☐ No**

**Provide a timeline for the project**

Thinning activities and stacking of slash piles will take place in summer months after grant award. Stacking slash and firewood/biomass removal will take place throughout the project. If pile burning takes place it will be performed as the weather allows, and is anticipated to occur in winter 2008/2009.

## Interagency Collaboration

**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.).**

Larimer County Parks and Open lands (time/equipment, funding); Larimer County Emergency Services (time/equipment, funding); Alternative Sentencing Unit (time/equipment); Colorado State Forest Service (time); Berthoud Fire Department (CWPP); Loveland Fire Department (CWPP); Bureau of Reclamation (coordination and support for project).

## Community Wildfire Protection Plan (CWPP)

**Does this community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP guidelines? (check one) X yes ☐ no ☒ in development**

**Is this project part of the plan? (check one) X yes ☐ no**



6	<b>Project Category (check all that apply and answer related questions)</b>			
	<b>Hazard Fuels Reduction X</b>			
	<b>Number of acres to be treated:</b>	50	<b>Estimated cost per acre:</b>	\$700 (if pile burning)
	<b>Number of communities directly affected by this project:</b>		3, North Carter Lake, Rainbow, Loveland	
	<b>Information &amp; Education X</b>			
	<b>Number of citizens to be reached:</b>	Signs will be installed along the Sundance Trail and in the project vicinity educating visitors on the benefits of forest management and effectually serve as a demonstration site for the public and other agencies.		
	<b>Planning</b> <input type="checkbox"/>			
	<b>Number of residences affected:</b>	125		
	<b>Project Type (check all that apply)</b>			
	<b>Assessment / Scoping:</b>	<input type="checkbox"/>	<b>Implementation / Treatment:</b>	<input checked="" type="checkbox"/>
<b>Homeowner / Community Action:</b>	<input type="checkbox"/>	<b>Monitoring / Evaluation:</b>	<input type="checkbox"/>	
<b>Information / Education:</b>	<input type="checkbox"/>			

7	<b>Grant Contributors (Matching Share)</b>						
	(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. PLEASE FILL ALL FIELDS						
	<b>Contributors: (Please specify)</b>	Larimer Cty Parks & Open Lands Dept. Staff Match	Larimer Cty Parks & Open Lands Dept. Volunteers	Larimer Cty Sheriffs Dept. Staff Match	Larimer Cty Sheriffs Dept. ASU Crew		<b>TOTAL</b>
	<b>Dollars (HardMatch):</b>	2,500	0	1,500	0	0	<b>\$ 4,000</b>
	<b>In-Kind (SoftMatch):</b>	2,000	5,500	4,000	19,500	0	<b>\$ 31,000</b>
	<b>TOTAL:</b>	<b>\$ 4,500</b>	<b>\$5,500</b>	<b>\$ 5,500</b>	<b>\$19,500</b>	<b>\$ 0</b>	<b>\$ 35,000</b>

8	Total Project Expense (break down matching share totals from block seven)				
	<i>Please fill all fields</i>	Grant Share (\$ Amount Requested)	Match (from block seven)		TOTAL
			Dollars	In-Kind	
	Personnel / Labor:	33,500	4,000	31,000	\$68,500
	Operating:	1,500	0	0	\$1,500
	Travel:	0	0	0	\$ 0
	Contractual Services:	0	0	0	\$ 0
	Equipment:	0	0	0	\$ 0
	Indirect Costs:	0	0		\$ 0
	TOTAL:	\$35,000	\$ 4,000	\$ 31,000	\$70,000



*Attach Project Map Showing Specific Treatment Areas*



2008 Proposed CSFS  
FRFTP Project - 50 acres

2007 CSFS  
FRFTP

Carter Lake

Chimney Creek

STRAIN

SUPPLY

Quarry

Spring

BR 5524

BR 5525

BR 5526

BR 5527

BR 5528

BR 5529

BR 5530

BR 5531

BR 5532

BR 5533

BR 5534

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A horizontal number line with tick marks at 0, 0.1, 0.2, and 0.4. The word "Miles" is written at the right end. A white rectangular segment is highlighted between the 0.1 and 0.2 marks.



**Lebeda,Boyd**

---

**From:** Lebeda,Boyd  
**Sent:** Tuesday, September 25, 2007 3:45 PM  
**To:** 'Meegan Flenniken'  
**Cc:** 'Tony Simons'  
**Subject:** Carter Lake FRFTP Agreement  
**Attachments:** EXHIBIT B rev 4-24-07 2007.xls; FRFTP\_2008\_Application\_Carter\_Phase2\_1.doc; Carter Lake Project Notice.09.25.07.doc

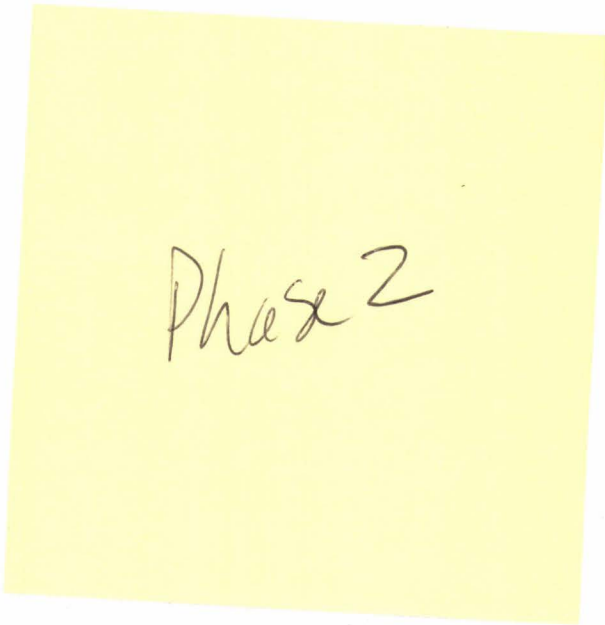
Hey There! Attached are 3 files for the Carter Lake agreement.

1. The Carter Lake Project Notice is the one page agreement I need signed and returned (Hard copy please).
2. The FRFTP application.
3. Exhibit B is the reimbursement request form.

You can proceed when ready once the Project Notice is signed and returned.

Call if you have questions.

Boyd Lebeda  
District Forester, Fort Collins District  
Colorado State Forest Service  
Colorado State University  
Fort Collins, CO 80523  
(970) 491-8445



Phase 2

9/25/2007



EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number: 530908

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 #: 530908	2. Project Funding Amount: \$30,000	3. Community Protected: Berthoud and Loveland
4. Make Payment To: Name: Larimer County Natural Resources Address: 1800 S. County Road 31 Loveland, CO 80537		5. Period of Performance: From: 2-Jan-09 To: 3-Mar-09

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.)

During the months of January and February, 2009, 52 acres (see attached map) were treated within the project area at Carter Lake. Trees were mechanically removed to hand crews to reduce stand densities to an average basal area of 50 and patch cuts created openings in unnaturally dense stands of ponderosa that were infected with dwarf mistletoe. Trees were cut into firewood lengths and removed by volunteers and the public.

Grant dollars were used to contract the Larimer County Emergency Services Mitigation Crew to conduct thinning efforts. In-kind match was comprised of a combination of Larimer County staff time to assist in project implementation, volunteers, and Alternative Sentencing Unit time stacking logs and slash. Hard dollar match came directly from the Larimer County Emergency Services Department.

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*	\$18,308.61	0	\$18,173.56	\$36,482.17				
Material**	\$2,200.00	0	\$2,400.00	\$4,600.00				
Total	\$20,508.61	0	\$20,573.56	\$41,082.17				

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

\* Use actual costs or \$17.55/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 \$20,508.61 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: 

Date: 3/12/09

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

Work meets minimum standards as set forth by CSFS.

Signature: 

Date: 3/13/09







**From:** Tony Simons  
**To:** Boring, Jeffrey; Meegan Flenniken <mflenniken@larimer.org>  
**Date:** 7/13/2009 3:36 PM  
**Subject:** Carter Lake ASU hours

Midweek crews (tue/wed): 276 inmates/1380 hours.  
Workenders: (sat/sun) 633 inmates total/3165 hours.

That is a total of 4545 hours at an inkind rate of 19.55

Totaling \$88,854.75

Thanks should be plenty of match for a \$60,000 grant.

Questions give me a call  
Tony

Note: The 4545 hours listed above represents the in-kind hours for the entire project. 512 hours of in-kind match were applied to the previous reimbursement, leaving 4,033 hours of in-kind ASU match for this reimbursement. Also, to be consistent with previous reimbursements, a \$17.55 rate was used, instead of the \$19.55 rate listed above.

Jeffrey Boring  
7/29/09



## Financial Assistance Program

### Cooperative Match Project

To be conducted by:

#### Larimer County Parks and Open Lands

<b>Project Number:</b>	530908 Carter Lake Fuels Treatment And Forest Stewardship Project
<b>Estimated Project Cost:</b>	\$60,000.00
<b>Funding provided by CSFS:</b>	\$30,000.00
<b>Minimum Recipient Match:</b>	\$30,000.00
<b>Project to be completed by:</b>	September 30, 2009

Based on the strength of the application submitted by Larimer County Parks and Open Lands, the Colorado State Forest Service is providing funding in the amount up to but not exceeding \$30,000.00 to accomplish the project described in the attached scope of work.

As the cooperator, Larimer County Parks and Open Lands, 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 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 September 30, 2009. It may be extended at any time at the discretion of CSFS.

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

**Cooperator Signature:**  **Date:** 11-06-07

**Mailing Address:** Larimer County Parks and Open Lands  
1800 S. County Road 31  
Loveland, CO 80537

**Telephone Number:** 970.679.4570  
**Email Address:** [mflenniken@larimer.org](mailto:mflenniken@larimer.org) or [simonsap@co.larimer.co.us](mailto:simonsap@co.larimer.co.us)



EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number:

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 #:	2. Project Funding Amount:	3. Community Protected:
4. Make Payment To: Name: Address:		5. Period of Performance: From: To:

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.)

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	Matching Funds		Total Costs	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*								
Material**								
Total								

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

\* Use actual costs or \$17.55/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 : \$

9. I request reimbursement in the amount of \$\_\_\_\_\_ 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:

Date:

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

Work meets minimum standards as set forth by CSFS.

Signature:

Date:

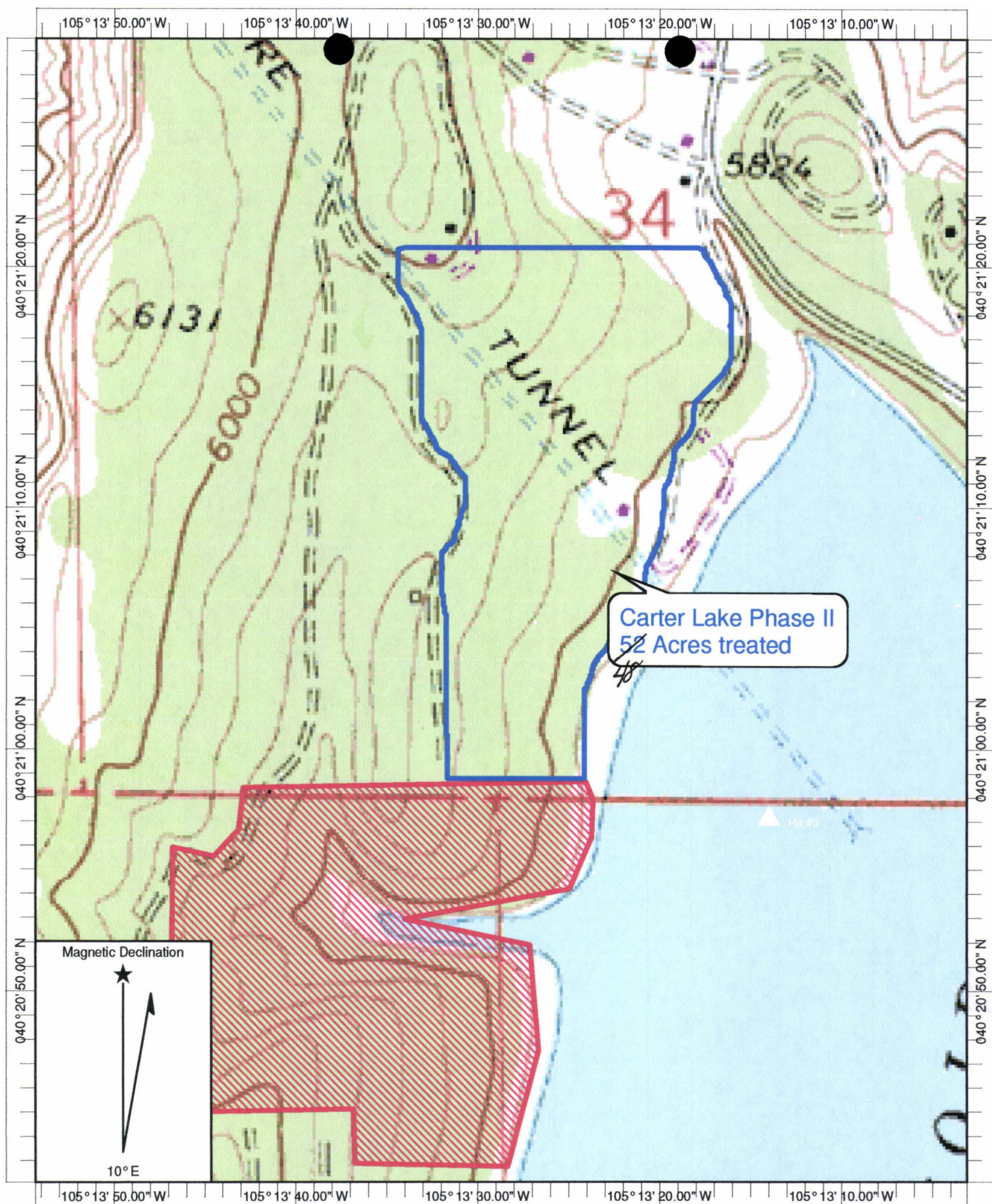


## CSFS REQUEST FOR SUPPLIES OR SERVICES (other than GSA)

CSFS # 805 Rev. 02/04/05

Date: <u>4/29/2009</u>		Requested By: <u>Diana Selby</u>		Resale to:		CSFS Invoice #:	
Vendor: <u>Larimer County Parks &amp; Open Lands</u> <u>1800 S. County Road 31</u> <u>Loveland, CO 80537</u>  (PLEASE PROVIDE COMPLETE ADDRESS)				Ship To: <u>Fort Collins District</u>     (PLEASE PROVIDE COMPLETE DELIVERY ADDRESS)			
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:	
Shipping Instructions: <input type="checkbox"/> FOB Fort Collins, Colorado <input type="checkbox"/> FOB				Delivery Date:		Deliver to: Initials <u>      </u> Bldg <u>      </u> Room <u>      </u> Phone <u>      </u>	
#	Account	Subcode	Qty	UOM	Description of Supplies or Services	Unit Price	Item Total
1	530979	5480			Larimer County will reduce hazard	\$9,491. <sup>39</sup>	
2					fuels on 50 acres in Carter Lake.		
3					Work will take place in ponderosa		
4					pine forests on north end of		
5					Carter Lake and involve thinning,		
6					and piling & burning of slash.		
7					Firewood will be stacked by		
8					volunteers and given to Carter		
9					Lake neighbors and nearby residences.		
10							
SPECIAL INSTRUCTIONS:				Expenditure Approval:  Authorized Signature: _____ Date: _____			Subtotal: \$ <u>9,491.<sup>39</sup></u> Discount: \$ _____  TOTAL: \$ <u>9,491.<sup>39</sup></u>

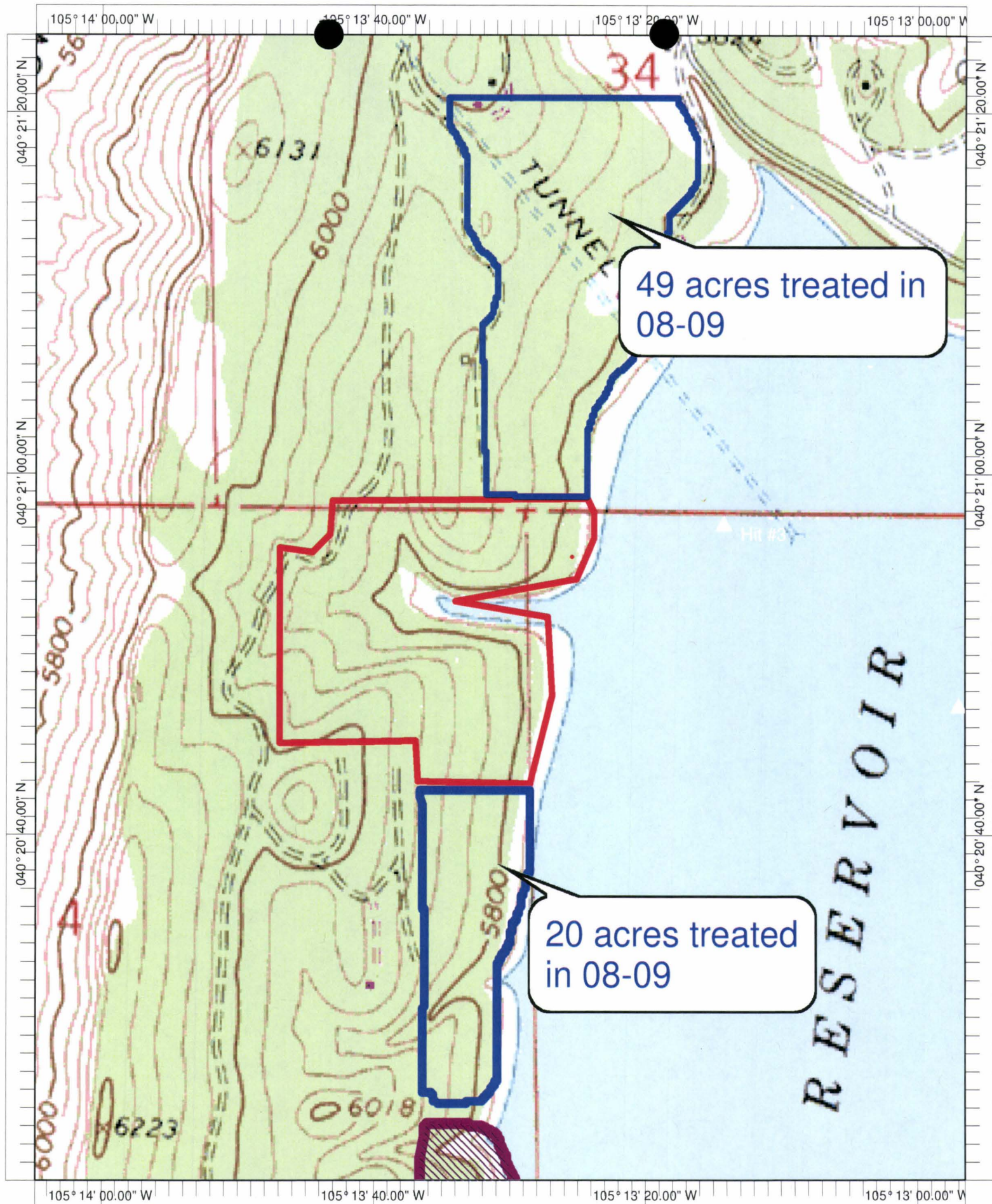




Name: CARTER LAKE RESERVOIR  
Date: 3/3/2009  
Scale: 1 inch equals 500 feet

Location: 040° 21' 05.82" N 105° 13' 28.72" W WGS84  
Caption: Carter Lake Phase II 2009  
52 acres treated





Name: CARTER LAKE RESERVOIR  
Date: 7/6/2009  
Scale: 1 inch equals 667 feet

Location: 040° 20' 52.66" N 105° 13' 30.79" W WGS84  
Caption: Carter Lake 2008-2009  
69.0 acres treated.



## Selby,Diana

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**From:** Meegan Flenniken [mflenniken@larimer.org]  
**Sent:** Monday, April 19, 2010 10:22 AM  
**To:** Selby,Diana  
**Subject:** Re: carter lake

Hi there - ok, I was a bit sore this weekend! Fun doing the pack test with you, made it actually enjoyable! I can't do the 29th, but please go ahead. If you want to go in Rainbow drive (first right on a dirt road when you pass the "Windjammer" restaurant at the north end of the reservoir). Follow this dirt road about 1 mile to a locked gate with an automatic gate/code (combo is 5868) - drive thru and always stay on the southernmost route and main road until it basically ends, and the hike in south not far and you should see where they left off. You could always go the way we did as well and get a nice hike in. Either way, if you aren't in a marked CSFS truck, be sure to put your business card on the dash so you don't get a ticket.

Meegan Flenniken  
Resource Program Manager  
Larimer County Natural Resources  
Open Lands Program  
1800 S. County Road 31  
Loveland, CO. 80537  
(970) 679-4562

-----Original Message-----

**From:** "Selby,Diana" <Diana.Selby@ColoState.EDU>  
**To:** Meegan Flenniken <FlenniM@co.larimer.co.us>

**Sent:** 4/19/2010 8:29:28 AM  
**Subject:** carter lake

Hey- I would like to get out to inspect Carter Lake for the final reimbursement request you dropped off. Will 9:00 am next Thursday morning the 29th work for you?

Diana Selby  
Assistant District Forester  
Colorado State Forest Service  
Fort Collins District  
5060 Campus Delivery  
Fort Collins, CO 80523-5060  
(970) 491-8839  
FAX: (970) 491-8645



**Carter Lake Fuels Treatment and Forest Stewardship Project  
FRFTP Grant Award #536703-08-FC**

**Hard dollar and in-kind match**

**In-Kind Labor Match**

<b>Contributor</b>	<b>Hours</b>	<b>Unit Cost</b>	<b>Total</b>
Larimer County Natural Resources Staff			
<i>Meegan Flenniken</i>	3	\$48.30	\$144.90
<i>Rick Goltz</i>	5	\$38.56	\$192.80
Larimer County Alternative Sentencing Units	1,170	\$20.25	\$23,692.50
<b>TOTAL IN-KIND MATCH</b>			<b>\$24,030.20</b>



	Wensman	Stapleton	Biedsheid	Anderson	Murray	McCaffrey
--	---------	-----------	-----------	----------	--------	-----------

03/02/10	10	10	10	10	10	10
03/03/10	10	10	10	10	10	10
03/04/10	10	10	10	10	10	10
03/05/10	10	10	10	10	10	10
03/06/10						
03/07/10						
03/08/10						
03/09/10	10	10	8	10	10	10
03/10/10	10	10		10	10	10
03/11/10	10	10		10	10	10
03/12/10		10		10	10	10
03/13/10						
03/14/10						
03/15/10						
03/16/10		10		10	10	10
03/17/10		10		10	10	10
03/18/10		4.5		4.5	4.5	4.5
03/19/10				5	5	5
03/20/10						
03/21/10						
03/22/10						
03/23/10				8.5	8.5	8.5
03/24/10		9		9	9	9
03/25/10		8		8	7	8
03/26/10		7.5		7.5	7.5	7.5
03/27/10						
03/28/10						
03/29/10						
03/30/10		10		10	10	10
03/31/10		8		8	8	8

March Hours	70	147	48	160.5	159.5	160.5
Wage	\$16.54	\$15.98	\$13.89	\$15.33	\$15.33	\$13.89
March Total	\$1,157.80	\$2,349.06	\$666.72	\$2,460.47	\$2,445.14	\$2,229.35
Benefits	\$405.23	\$516.79	\$80.01	\$295.26	\$293.42	\$267.52
March Labor and B	\$1,563.03	\$2,865.85	\$746.73	\$2,755.72	\$2,738.55	\$2,496.87
March Materials + F			\$1,970.00			
MarchTotal			\$15,136.75			



**From:** "Tony Simons" <tsimons@larimer.org>  
**To:** Meegan Flenniken <mflenniken@larimer.org>  
**Date:** 4/9/2010 1:08 PM  
**Subject:** ASU hours for Carter

Meegan--ASU has got some personnel changes going on so I got the numbers over the phone vs a invoice.

Since January 1, 2010-- 234 inmates 1170 hours worked. I think the in kind rate is \$20.55(?), so we got \$24,043.50.

We are good.

Thanks  
Tony

have a great weekend



**Overall Summary Sheet**  
**Carter Lake Fuels Treatment and Forest Stewardship Project**  
**FRFTP Grant Award #536703-08-FC**

**Final Reimbursement Submittal (work completed for March 2010)**

	<b>Contract Work/Grant Share*</b>	<b>Hard/In-Kind Match**</b>
<b>Personnel/Labor*</b>	\$15,136.75	\$24,030.20
<b>Equipment</b>		
<b>Operating</b>		
<hr/>		
<b>Total</b>	<b>\$15,136.75</b>	<b>\$24,030.20</b>
<hr/>		
<b>Final Reimbursement Request***</b>	<b>\$15,056.00</b>	

\*See attached spreadsheet showing hours worked for March 2010 by contracted crews

\*\*See attached spreadsheet showing both Hard Match and In-Kind Match

\*\*\*While the total spent on the project was \$45,080.75 are we requesting just \$45,000 reimbursed





## DEPARTMENT OF NATURAL RESOURCES

• Visitor Services

• Open Lands

• Weed Management & Forestry

1800 South County Road 31

Loveland, CO 80537

(970) 679-4570/ (970) 679-4574 FAX

[www.larimer.org/naturalresources](http://www.larimer.org/naturalresources)

April 16, 2010

Diana Selby  
Colorado State Forest Service  
Bldg #1052 Foothills Campus  
Fort Collins, CO 80523-5075

Dear Diana,

Please find attached the final reimbursement request with the supporting documentation, forms, photos and maps for the Larimer County Natural Resources Department Carter Lake Fuels Treatment and Forest Stewardship Project (FRFTP Grant Project #536703-08-FC).

### **Project Summary:**

During the months of January and February, 2010, 57 acres were treated within the project area at Carter Lake. In March 2010, an additional 18 acres were treated, bringing the total project treatment area to 74 acres. Trees were mechanically removed by hand crews to reduce stand densities to an average basal area of 50 and patch cuts created openings in unnaturally dense stands of ponderosa that were infected with dwarf mistletoe and to a lesser extent, mountain pine beetle. Trees were cut into firewood lengths and as feasible have been or are being stacked for removal by volunteers and the public. Limbs have been and are being stacked for future burning.

Grant dollars were used to contract the Larimer County Emergency Services Mitigation Crew to conduct thinning efforts. In-kind match was comprised of work performed by volunteers from the Larimer County Alternative Sentencing Unit time stacking logs and slash and public removal of firewood. As you and I discussed, while we had anticipated working with the Larimer County Youth Conservation Corps (LCYCC) to hire them to complete \$5500 worth of work on the project, they in the end had to decline the work due to other commitments.

Please call if any questions or concerns. It is a pleasure to partner with the Colorado State Forest Service on implementation of forest management activities on our public lands.

Respectfully,

Meegan Flenniken  
Resource Program Manager



5	<b>Project Summary</b> (check all that apply and answer related questions)			
	Addresses protection of water supplies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Project based on ecological assessment of current conditions? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	<b>Project Objectives, check all that apply</b>			
	Reducing threat of large, high-intensity wildfires and the negative effects of excessive competition between trees by restoring ecosystem functions, structures, and species composition, including the reduction of non-native species.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Preserving old and large trees to the extent consistent with ecological values and science.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Replanting trees in deforested areas if such areas exist in the project area.		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	Improving the use of, or adding value to small-diameter trees.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Number of acres to be treated:		70	Estimated cost	\$1072/ac
Will the implementation of this project involve a contract with the Colorado Youth Corps Association or another accredited Colorado youth corps?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Number of communities directly affected by this project:		3-5, Sprage Sub, Rainbow Sub, Carter Lake area		



	<p align="center"><b>Project Area Description</b></p> <p align="center"><small>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.</small></p>
6	<p><b>Provide a brief overview of the project and the project area. Specify size of project and land ownerships involved (e.g. private, county, state, federal, etc.). Include information on the relevant watershed. 1500 characters</b></p> <p>Carter Lake is the primary water source for Loveland, Colorado. It is owned by the Bureau of Reclamation and managed by Larimer County Natural Resources. The predominant forest stand type present at Carter Lake Park is ponderosa pine. The topography of the property includes numerous drainages bisecting east to west in the hogback slope creating a scalloped pattern, Elevation ranges from 6,000 feet near the north end of the park boundary, and the lowest elevation is 5,770 feet primarily along the eastern edge of the forest. The park has a Forest Management Plan prepared by the Colorado State Forest Service (CSFS, 2004) which outlines the highest priorities for management as: reducing fuel loads thus reducing wildfire hazard ; controlling insect and disease (mistletoe, mountain pine beetle and western gall rust); and, improving the native vegetation understory and wildlife habitat. Approximately 125 acres have been treated to-date by thinning and stacking slash. Treatments have focused on priority areas identified within the forest management plan and areas that protect surrounding communities. This proposed project, if funded, would build upon work already completed and represent a significant expansion and continuation of forest management on this property. This project is a priority identified in the Larimer County Wildfire Plan along with two CWPP's—Berthoud, and Loveland (inprogress).</p>
7	<p align="center"><b>Scientific Foundation</b></p> <p align="center"><small>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.</small></p> <p><b>Briefly describe the scientific foundation for the project. 1000 characters</b></p> <p>The Carter Lake Forest Management Plan (1998) denotes within the stands comprising this project area, severe wildfire hazard, overstocked trees due to advanced regeneration under mature trees and mountain pine beetle and dwarf mistletoe presence. Forest management goals for this area are to preserve forest health and older, larger trees, protect the Carter Lake water supply, and reduce the threat of large, high intensity wildfires. To achieve the above goals, pine beetle and mistletoe-infected trees will be isolated or removed, as will poorly formed or suppressed trees, to allow regeneration of healthy and diverse species. Similarly, thinning will protect older trees and allow for re-growth of understory vegetation that in the event of a wildfire will be critical as a course filter to overland flow before runoff reaches Carter Lake. Older ponderosa will be kept, identified by distinguishing physical characteristics per Gen. Tech. Rep. RMRS-GTR-110 (Huckaby and Kaufmann 2003). Implementation will include thinning to a 15-ft crown spacing, removing down and dead woody material, pile burning slash and understory prescribed burning, as feasible.</p>
8	<p align="center"><b>Protection of Water Supplies</b></p> <p align="center"><small>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.</small></p> <p><b>Please describe how the proposed project will contribute to the protection of water supplies, such as water quality, water quantity and / or associated infrastructure. 700 characters</b></p> <p>The project area includes the predominant hillslope to the west that flows into Carter Lake. Following a catastrophic wildfire adjacent to a large reservoir, loss of vegetation, which acts as a course filter to overland flows, can result in significant water quality impacts. Increased particulate levels reduce water clarity and quality which in turn may effect outflow structures, water treatment plant operations, and recreational opportunities.</p>



	<p align="center"><b>Scope of Work / Project Timeline</b></p> <p align="center"><small>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee.</small></p>
<p>9</p>	<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) 1500 characters</b></p> <p>The project area includes 70 acres at the south end of the property's western ridgeline which is dense ponderosa pine forest that exhibits patches of diseased trees. Treatment as outlined in the Carter Lake Forest Management Plan will include thinning of trees to a 15-foot crown spacing and stacking of slash for pile burning. Thinning will concentrate on dog hair stands, diseased trees and poor form trees (forked top/bent over/etc.). Thinning will allow for species and age diversity, riparian sensitivity, and increased crown spacing with increased slope. Any large dead trees that have wildlife potential, and do not pose a safety hazard in proximity to the trail, will be left as snags. Thinning will protect older trees and allow for re-growth of understory vegetation that will filter overland flow before runoff reaches Carter Lake. Slash will be piled and stacked for burning, and biomass removed for firewood.</p> <p>This fuels reduction project grant dollars will directly fund the Larimer County Emergency Services Crew efforts to fell the trees. In-kind match will be from Natural Resources Department volunteers and Alternative Sentencing Units to stack slash and remove firewood. This project will serve as a demonstration /education area for the many visitors, particularly at the adjacent campground and trail. Fuel reduction on this parkland will also benefit and help protect the surrounding private properties along the WUI, reduce the risk of extreme soil erosion into Carter Lake in the event of a large wildfire, curtail the spread of diseases, and promote the health of native plants in the understory thereby improving wildlife habitat.</p> <p><b>Provide a timeline for the project, including significant accomplishment milestones. 500 characters</b></p> <p>Thinning activities and concurrent stacking of slash piles will take place in summer/fall following grant award. Firewood/biomass removal will take place in early spring or when conditions are appropriate. Pile burning will be performed as the weather allows and as the wood dries out, and is anticipated to occur in following late winter/early spring. Broadcast, understory burning will take place in winter as conditions allow and as feasible.</p>
<p>10</p>	<p align="center"><b>Collaboration</b></p> <p><b>Specify the private, local, tribal, county, state, federal and/or non-governmental (501c3) organizations that participated in the design of this project and describe how such partners will contribute to, or participate in, the project's implementation. Specify the role of any Youth Conservation Corps that will participate in implementation. 1000 characters</b></p> <p>Larimer County Natural Resources Department (time/equipment); Larimer County Emergency Services (time/equipment); Alternative Sentencing Unit (time/equipment); Colorado State Forest Service (time); Berthoud Fire Department (CWPP); Loveland Fire Department (CWPP); Bureau of Reclamation (coordination and support for project); LC Youth Conservation Corps (contracted to stack slash, 1 week).</p>
	<p align="center"><b>Project Longevity / Maintenance</b></p> <p><b>Clearly demonstrate the long-term benefits of the project and how the project will remain effective over time. 500 characters</b></p> <p>Maintenance of this area post-treatment will be undertaken by the Natural Resources Department based on regular reviews and the outcome of future Forest Management Plan updates. Natural Resources Department staff regularly monitor lands for follow-up treatment needs to ensure adaptive management as needed. Follow up treatment efforts may also in the future include understory prescribed fire.</p>



