



Colorado State University
Fort Collins, Colorado 80523-5060
(970) 491-6303
FAX: (970) 491-7736

November 9, 2015

Chris Wanner
City of Boulder Open Space and Mountain Parks
66 S. Cherryvale Road
Boulder, CO 80303

Dear Chris,

Thank you for the Colorado Forest Restoration Grant application you submitted to support the 2012 Colorado House Bill 1032, which helps address Colorado forest watershed restoration issues. The number and quality of grant applications we received for this round of funding was extensive. The Colorado State Forest Service received 38 applications requesting over \$3.51 million. Through a competitive process within the State of Colorado only 35 of the applications were eligible to compete for available funds. Unfortunately, the 35 applications totaling more than \$3.5 million in funding requests far exceeded the \$1.1 million of available funds. As a result, we were unable to fund your proposal.

There are various reasons why projects are not funded. This is a sample of common explanations and is not an all-inclusive list. Additionally, not all reasons may apply to your proposal and there may be a combination of reasons that apply to your proposal.

- Limited funds available
- Proposal does not meet all eligibility criteria, such as cost-share
- Efficacy in addressing the additional objectives of the grant program
- Effectiveness in addressing the elements within the narrative sections of the application form.

I am available to discuss your proposal specifically. You may contact me at 970-491-6303 or naomi.marcus@colostate.edu.

We encourage you to visit <http://csfs.colostate.edu/pages/funding.html> for available funding opportunities.

On behalf of the Colorado State Forest Service, thanks again for your interest in assisting with forest restoration in Colorado. I look forward to hearing from you again in the future.

Sincerely,

Naomi J. Marcus
Forest Management Division
Assistant Staff Forester

Cc: Allen Owen

2015 Forest Restoration Grant Screening Tool

Project & Applicant Name

Rank

City of Boulder Open Space & Mountain Parks-
Shanahan 8

2

1. Map included

Yes ☐

No ☐

Comments (Beyond what applicant indicates and based on what you already know roughly, how does project inter-relate/connect with other projects within close proximity of proposed project area?):

COBOSMP has a robust mitigation program under the leadership of their department and forest ecologist. Heavy use/high visitation and visibility. Has successfully utilized various forest management grants for a number of years to accomplish positive forest management.

2. Cost-share rate—minimum 60:40 (evaluate award amount and matching share; CSFS is not an eligible matching contributor)

Yes ☐

No ☐

Comments:

Actually overmatches at 50/50 % Good use of funds at a very reasonable (local) cost per acre.

3. CWPP

Yes ☐

No ☐

Comments:

4. Addresses water supply protection

Yes ☐

No ☐

Comments:

At a small, localized scale; see #10, additional comments

5. Includes an ecological assessment of current conditions

Yes ☐

No ☐

Comments:

Ecological assessments are what the COBMPOS are all about.

6. Firewise Community/USA (confirm accuracy)

Yes ☐

No ☐

7. Scope of Work/Prescription appropriate for project area? Does it meet relevant forest restoration objectives?

YES

8. Forest product utilization (verify plans, product, end-user, etc.)

The City is very effective at utilizing the firewood product coming off their treatment units as a service to local citizens utilizing their Parks and Open Space.

9. Performance History (successful completion by deadlines, extensions, BMPs, previous award recipient, additional projects in progress, etc.)

Very good. The City has a proven track record in meeting deadlines, implementation to a high standard, and the intent of BMPs.

10. Additional Comments

I support this project. The size, cost per acre of treatment, visibility, the ability of the applicant to complete this treatment to a high, restoration standard is very good. The projects are turn-key operations. The only downside, as it pertains to this grant, is its minor impact to the small, localized watershed. This is the only reason I had to rank this app as #2 and not #1.



**2015 HB12-1032
Colorado Forest
Restoration Grant
Program**

FOR STATE OFFICE USE ONLY	Project #
Entity Submitting Project:	
County:	
Acres:	
Dollar Amount Requested:	!Undefined Bookmark, TEXT59
Matching Share:	\$24,000

USE RFA APPLICATION INSTRUCTIONS TO COMPLETE APPLICATION

Applicant Information	
Name of Project:	Shanahan 8
Applicant/Fiscal Agent:	City of Boulder Open Space and Mountain Parks
Contact Person:	Chris Wanner
Address:	66 S. Cherryvale Rd.
City/Zip Code:	Boulder, 80303
Phone (Work/Cell):	720-564-2045
Email:	wannerc@bouldercolorado.gov

Community-at-Risk Information	
Community Name:	City of Boulder
County:	Boulder
Name of CWPP(s):	City of Boulder CWPP

Matching Contributions							
<p>(Applications will be disqualified if sufficient match is not identified.) Please specify the name of each contributor and the dollar amount of each contribution. Non-state contributions must equal at least 40 percent of total project cost. Please DO NOT show grant-requested funds in this table. This is for matching share only, which is a minimum of 40 percent of total project cost.</p>							
Contributors: (Please specify)	City of Boulder						TOTAL
Dollars (Hard Match):	\$24,000	\$0	\$0	\$0	\$0	\$0	\$24,000
In-Kind (Soft Match):	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0
TOTAL:	\$24,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$24,000

	Total Project Budget	Grant Share \$ Amount requested	Match (carry from block three above)		TOTAL
			Dollars	In-Kind	
4	Personnel / Labor:	\$23,000	\$24,000	\$0	\$47,000
	Supplies/Materials:	\$0	\$0	\$0	\$ 0
	Contractual Services:	\$0	\$0	\$0	\$ 0
	Administrative/overhead expenses:	\$0	\$0	\$0	\$ 0
	TOTAL:	\$23,000	\$24,000	\$ 0	\$47,000

Budget Narrative	
<p>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>	
5	<p>Provide a brief description explaining exactly how the grant dollars will be spent and how these expenditures tie directly to the projects goals and objectives. 500 characters</p> <p>Any grant money received for this project will be matched with OSMP funds earmarked for seasonal forest crew staffing. OSMP does all of its forest management work with "in-house" crews that are funded with OSMP operating budget dollars. These crews are managed by OSMP permanent staff and utilize city equipment that has been purchased specifically for forest management projects. Grant funds will be used to partially fund crew staffing for the duration of this project.</p>

Project Summary (check all that apply and answer related questions)			
Is this project based on an ecological assessment of current conditions? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Select which Firewise Community/USA this project is located within drop down list. <u>Not Applicable</u>			
Will the implementation of this project involve a contract with the Colorado Youth Corps Association or another accredited Colorado youth corps?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
List the communities directly affected by this project:		City of Boulder	
Project location (latitude/longitude or legal description):		Lat/Long= 105.2824, 39.9666	
Number of acres to be treated:	47	Estimated cost/acre:	\$1000/acre
6	Project Objectives (check all that apply) Any box checked "yes" needs to be further explained in proposal, and documented and implemented to receive grant reimbursement. See request for proposal-application instructions.		
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Project Area Description

All information for the project must fit into the allotted character space provided below.

Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

Provide an overview of the project and its outcomes as related to the grant purpose criteria, and the need or purpose for the project. Address the project area by specifying the size (i.e. acreage) of project and land ownerships involved (e.g. private, county, state, federal, etc.), as well as adjacent land ownerships. Include information on the relevant watershed. Describe how this project supports and implements Colorado's State Forest Action Plan (consider overarching strategies, theme specific strategies, and tactics). Submit a single one-page map of the project area.

1,750 characters

The Shanahan 8 project area is located on City of Boulder Open Space and Mountain Parks (OSMP) lands approximately one mile west of the City of Boulder and Lehigh Street. The project covers a total of 47 acres in low elevation ponderosa pine forest in close proximity to the Shanahan Ridge and Cragmoor neighborhoods. The treatment is also half a mile southwest of the National Center for Atmospheric Research (NCAR).

Much of the area in and around this project is dominated by overgrown forests with high densities of small trees and heavy fuel loads. The dense and unhealthy forest conditions combined with the close proximity to neighborhoods makes this an area ideally suited for forest restoration and fire mitigation work. There are a wide variety of values including wildlife habitat, recreational experiences and neighboring private property in this project area. The Shanahan 8 treatment area falls into the high or very high category for all the value criteria outlined in the Colorado Statewide Forest Resource Assessment and in the highest category on the aggregate map. The project is also identified in the City of Boulder's CWPP as a high priority project. In the CSFS Wildfire Risk Assessment Portal the treatment area is within the "high" category on the Fire Intensity Scale.

Current Conditions

All information for the project must fit into the allotted character space provided below.

Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

Describe the current forest conditions (i.e. species composition, density, health, etc). Seek technical assistance from the CSFS, or other natural resource or forestry professional, and/or the publication that provides the ecological assessment for your project area. 700 characters

This project, in the foothills west of Boulder, is a small piece of a much larger, diverse mosaic of ponderosa pine and mixed conifer forest. Currently these low elevation forests have diverged dramatically from historic conditions and are dominated by small diameter, young trees that are competing with mature trees that are over 150 years old. In addition to the natural values in the area this is an extremely popular and important recreation area utilized by both the residents of Boulder and by visitors from around the world. Addressing forest health and fuel loads in this area would benefit both the natural systems as well as protect human values.

8	<p align="center">Protection of Water Supplies</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
	<p>Describe how the proposed project will contribute to the protection of water supplies, such as water quality, water quantity, and/or associated infrastructure. Include the proximity to water source and/or infrastructure, as well as the significance of water supply/infrastructure and extent of impact to communities. 700 characters</p>
	<p>The Shanahan 8 project is located within close proximity to the City of Boulder and bounds a number of small streams that flow into the city. The project is directly adjacent to Bear Canyon Creek which runs through the City and feeds into Boulder Creek. Improving the overall forest health in the area and decreasing the risk of an intense wildfire will ensure that impacts to water resources in and around the City will be mitigated in the event of a large wildfire</p>

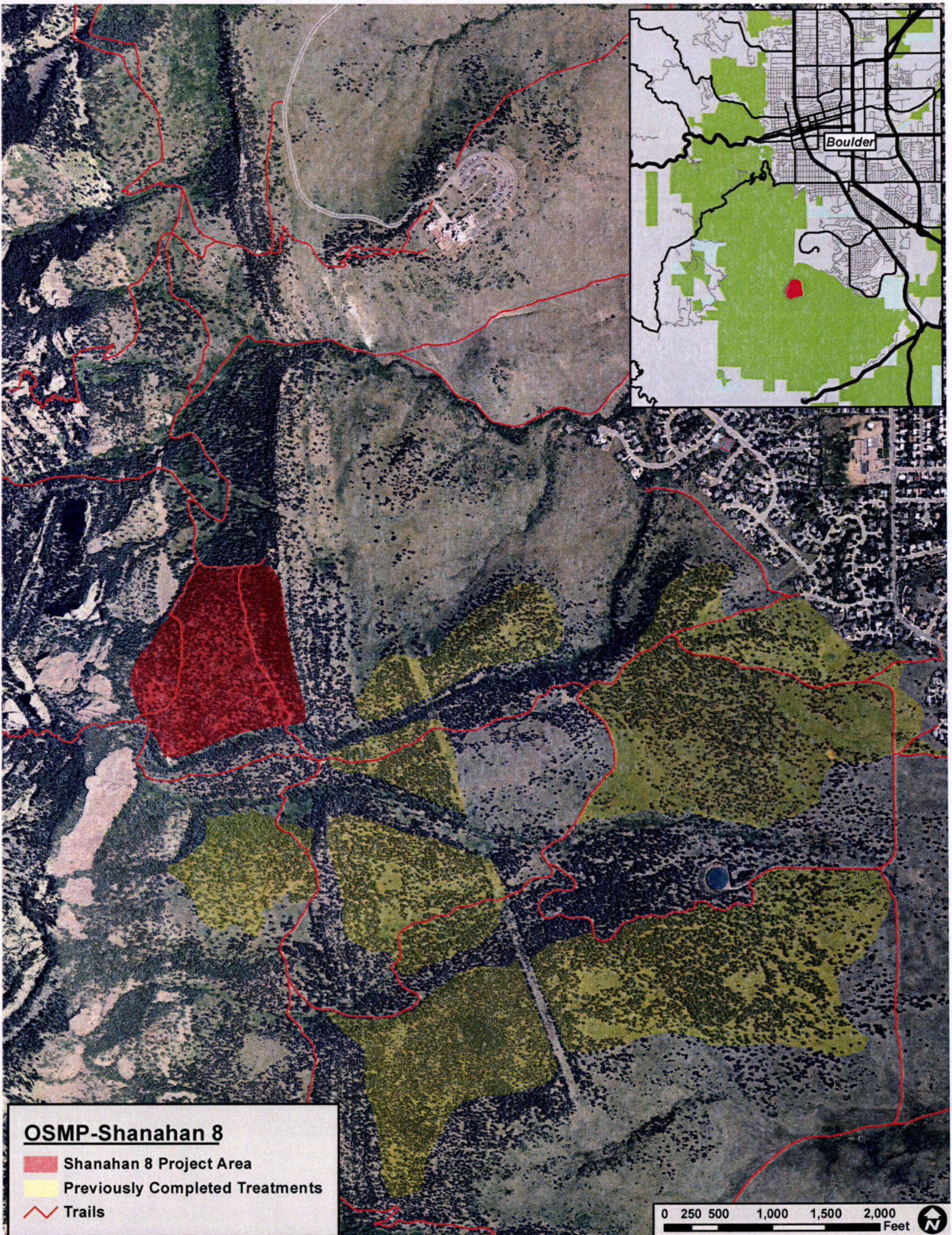
9	<p align="center">Scope of Work/Prescription</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
	<p>Provide a scope of work that defines the project prescription. Describe what will be accomplished and measurements to define project completion. Describe the scientific foundation for the project, specifically the practice standards that will be applied (e.g. forest management plan, CWPP, professional publications, other professional technical resources, professional foresters or other natural resources professionals). 1,800 characters</p>
	<p>The Shanahan 8 project is part of the City's Forest Ecosystem Management Plan that directs all forest work on OSMP lands. The Plan was developed to provide scientifically based management recommendations to meet the goals of improving ecological function and decreasing wildfire risk on City owned lands. The work proposed for this grant will include thinning (using chainsaws), chipping of slash and the skidding and removal of logs. All three phases will be completed as part of this project and will cover roughly 47 acres. The target for this project will be a 35% decrease in basal area from approximately 103 sq. ft/acre to 70 sq. ft/acre with removals focused on trees with diameters between 2" and 10" DBH. All of the work planned will be completed "in-house" by City of Boulder seasonal and permanent staff and overseen by the OSMP forest ecologist. The OSMP forest crew has extensive experience with this type of work and has thinned over 1400 acres on City lands. This crew will be responsible for cutting, chipping, skidding and hauling all the trees cut as part of this project. Crews will use existing equipment that OSMP has in its fleet. OSMP has two dedicated tractors, two chippers, and crew trucks and trailers that are currently used for forest management work. The work will also include project layout, tree marking, and regular progress checks which will be completed by the OSMP forest ecologist.</p>

10	<p style="text-align: center;">Forest Product Utilization</p> <p style="text-align: center;">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p> <p>Specify the forest product utilization plan. Include the product(s) and the plan to harvest and remove from defined project area. All participating landowners need to approve harvesting plans. 500 characters</p> <p>This project will utilize a variety of methods for disposing of woody biomass. The limbs and slash generated from thinning will be chipped on site and a small number of slash piles could be used in difficult to access areas and burned in the winter. The larger wood will be removed from the site and given away as firewood to the public. The City has an established woodlot and permit system where the public can come to collect firewood.</p>
11	<p style="text-align: center;">Project Timeline</p> <p style="text-align: center;">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p> <p>Provide a timeline for the project, including significant accomplishment milestones during the project period. Reserve project maintenance activities and milestones for Box 13 Maintenance Sustaining Project Longevity. 500 characters</p> <p>This project would be planned for the 2016 or 2017 field seasons. Depending on when grant funds were made available project planning and layout would likely start in the spring of 2016. This phase would include all boundary layout and marking. Cutting, chipping and hauling would likely follow in the summer and would be completed by the end of 2016 or in early 2017.</p>
12	<p style="text-align: center;">Collaboration</p> <p style="text-align: center;">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p> <p>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 project implementation. 1,000 characters</p> <p>All of the work for this project will be completed by OSMP staff with some collaboration with the City Fire Department. OSMP works closely with City Fire on many forest projects and the Fire department provides staff for project implementation. Fire staff is not fully dedicated to this project but they will provide a number of work days. City employees and equipment will be used for all cutting, skidding, chipping, and hauling. In addition to the dedicated OSMP forest crew, additional volunteer and youth work groups will help complete the project. These groups include local volunteer groups, jail crews, and the City's Junior Ranger youth crews.</p>

13	<p align="center">Maintenance Sustaining Project Longevity</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
	<p>Identify the long-term benefits of the project. Clearly specify the plans to sustain the long-term benefits of the project beyond project completion. Who, What, How, When? 500 characters</p> <p>The long-term benefits of this project will include a healthier overall forest, improved habitat for native vegetation and wildlife, and a decreased risk of a catastrophic wildfire. Long-term maintenance of this project will include monitoring and overstory inventories conducted by the OSMP forest ecologist. An inventory following the thinning project will measure the success of the treatment and, in some cases, additional thinning may be added to maintain desired conditions.</p>

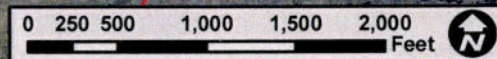
14	<p align="center">Agreement Statement</p>
	<p>Do you agree to the awarding process and reporting requirements as outlined in the Request for Applications?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

ALL INFORMATION MUST FIT INTO THE BOXES PROVIDED. ATTACHMENTS, OTHER THAN THE REQUIRED MAP, AND/OR MODIFICATIONS WILL NOT BE CONSIDERED BY THE COMMITTEE.



OSMP-Shanahan 8

- Shanahan 8 Project Area
- Previously Completed Treatments
- Trails





Colorado State University
Fort Collins, Colorado 80523-5060
(970) 491-6303
FAX: (970) 491-7736

November 9, 2015

Alexander Armani-Munn
Town of Nederland
45 W First Street
Nederland, CO 80466

Dear Alexander,

Thank you for the Colorado Forest Restoration Grant application you submitted to support the 2012 Colorado House Bill 1032, which helps address Colorado forest watershed restoration issues. The number and quality of grant applications we received for this round of funding was extensive. The Colorado State Forest Service received 38 applications requesting over \$3.51 million. Through a competitive process within the State of Colorado only 35 of the applications were eligible to compete for available funds. Unfortunately, the 35 applications totaling more than \$3.5 million in funding requests far exceeded the \$1.1 million of available funds. As a result, we were unable to fund your proposal.

There are various reasons why projects are not funded. This is a sample of common explanations and is not an all-inclusive list. Additionally, not all reasons may apply to your proposal and there may be a combination of reasons that apply to your proposal.

- Limited funds available
- Proposal does not meet all eligibility criteria, such as cost-share
- Efficacy in addressing the additional objectives of the grant program
- Effectiveness in addressing the elements within the narrative sections of the application form.

I am available to discuss your proposal specifically. You may contact me at 970-491-6303 or naomi.marcus@colostate.edu.

We encourage you to visit <http://csfs.colostate.edu/pages/funding.html> for available funding opportunities.

On behalf of the Colorado State Forest Service, thanks again for your interest in assisting with forest restoration in Colorado. I look forward to hearing from you again in the future.

Sincerely,

Naomi J. Marcus
Forest Management Division
Assistant Staff Forester

Cc: Allen Owen

2015 Forest Restoration Grant Screening Tool

Project & Applicant Name

Rank

Town of Nederland Water Plant Forest Restoration Project; Alexander Armani-Munn

Not eligible

1. Map included

Yes ☒

No ☐

Comments (Beyond what applicant indicates and based on what you already know roughly, how does project inter-relate/connect with other projects within close proximity of proposed project area?):

2. Cost-share rate—minimum 60:40 (evaluate award amount and matching share; CSFS is not an eligible matching contributor)

Yes ☐

No ☒

Comments:

Refer to blocks 3 and 4 of application; applicant only make match (40%) in one of 3 ways (calculated). Total match from block 3 (\$2000) against grant share requested, block 4 (\$5000); $\$2000/\7000 (total project budget)=28% match; grant share requested ($\$5000$)/ $\$7000$ total cost=71%

3. CWPP

Yes ☐

Comments:

4. Addresses water supply protection

Yes ☐

Comments:

Yes, but the scale of the project and it's spatially location and layout wouldn't make much difference (2 acres)

5. Includes an ecological assessment of current conditions

Yes ☐

No ☐

Comments:

6. Firewise Community/USA (confirm accuracy)

Yes ☐

No ☐

7. Scope of Work/Prescription appropriate for project area? Does it meet relevant forest restoration objectives?

8. Forest product utilization (verify plans, product, end-user, etc.)

9. Performance History (successful completion by deadlines, extensions, BMPs, previous award recipient, additional projects in progress, etc.)

10. Additional Comments

A discussion with the applicant by District personnel to utilize existing cost-share funding (SFA) would be a more appropriate approach to treatment of this unit.

2nd Application Submitted
w/ 10000 hard Dollar match.



2015 HB12-1032 Colorado Forest Restoration Grant Program

FOR STATE OFFICE USE ONLY		Project #	
Entity Submitting Project:			
County:			
Acres:			
Dollar Amount Requested:		!Undefined Bookmark, TEXT59	
Matching Share:		\$2,000	

USE RFA APPLICATION INSTRUCTIONS TO COMPLETE APPLICATION

Applicant Information	
Name of Project:	Town of Nederland Water Plant Forest Restoration Project
Applicant/Fiscal Agent:	Town of Nederland
Contact Person:	Alexander Armani-Munn
Address:	45 W. First Street, P.O. Box 396
City/Zip Code:	Nederland, CO 80466
Phone (Work/Cell):	(303)-258-3266
Email:	alexa@nederlandco.org

Community-at-Risk Information	
Community Name:	Town of Nederland
County:	Boulder County
Name of CWPP(s):	Town of Nederland Community Wildfire Protection Plan

Matching Contributions							
(Applications will be disqualified if sufficient match is not identified.) Please specify the name of each contributor and the dollar amount of each contribution. Non-state contributions must equal at least 40 percent of total project cost. Please DO NOT show grant-requested funds in this table. This is for matching share only, which is a minimum of 40 percent of total project cost.							
Contributors: (Please specify)	Town of Nederland						TOTAL
Dollars (Hard Match):	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
In-Kind (Soft Match):	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
TOTAL:	\$2,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$2,000

Total Project Budget	Grant Share \$ Amount requested	Match (carry from block three above)		TOTAL
		Dollars	In-Kind	
Personnel / Labor:	\$0	\$0	\$1000	\$1,000
Supplies/Materials:	\$0	\$0	\$0	\$ 0
Contractual Services:	\$5,000	\$1,000	\$0	\$6,000
Administrative/overhead expenses:	\$0	\$0	\$0	\$ 0
TOTAL:	\$5,000	\$1,000	\$1,000	\$7,000

2000/5000 = 40%
5000/7000 = 71%
2000/7000 = 28%

Budget Narrative	
<p>All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>	
5	<p>Provide a brief description explaining exactly how the grant dollars will be spent and how these expenditures tie directly to the projects goals and objectives. 500 characters</p> <p>The Town of Nederland is requesting \$5,000 with a \$2,000 match. If granted, the \$5,000 will be used for contracting personnel to complete the work outlined in the scope of work. As such, all requested funds will directly support the labor and equipment needed for completing the proposed project. The \$2,000 match provided by the Town will consist of an in-kind match of \$1,000 in personnel and labor from the Public Works Department as well as a \$1,000 match in funds for contractual services.</p>

Project Summary (check all that apply and answer related questions)			
Is this project based on an ecological assessment of current conditions? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Select which Firewise Community/USA this project is located within drop down list. <div>Nederland, Nederland</div>			
Will the implementation of this project involve a contract with the Colorado Youth Corps Association or another accredited Colorado youth corps?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
List the communities directly affected by this project:		Nederland, Eldora, downstream communities in watershed	
Project location (latitude/longitude or legal description):		Located east of Nederland High School (597 County Hwy. 130)	
Number of acres to be treated:	2	Estimated cost/acre:	\$1,000.00
6	Project Objectives (check all that apply) Any box checked "yes" needs to be further explained in proposal, and documented and implemented to receive grant reimbursement. See request for proposal-application instructions.		
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 type="checkbox"/> No	
Improving the use of, or adding value to, small diameter trees.		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Project Area Description

All information for the project must fit into the allotted character space provided below.

Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.

Provide an overview of the project and its outcomes as related to the grant purpose criteria, and the need or purpose for the project. Address the project area by specifying the size (i.e. acreage) of project and land ownerships involved (e.g. private, county, state, federal, etc.), as well as adjacent land ownerships. Include information on the relevant watershed. Describe how this project supports and implements Colorado's State Forest Action Plan (consider overarching strategies, theme specific strategies, and tactics). Submit a single one-page map of the project area.

1,750 characters

The Forest Restoration Project at Nederland's Water Plant located on County Highway 130 is a component of the Town of Nederland's CWPP approved in 2011. The primary purpose of this project is to protect valuable water infrastructure, public and private lands in the vicinity, and the Nederland Middle/Senior High School from the threat of wildfire. The 2-acre area identified in this application is the last remaining area contained in Nederland's CWPP requiring mitigation. As such, once the specified area is treated, the Town of Nederland will have completed entirely its mitigation and forest restoration goals. The specified area is a part of the Boulder Ranger District within the National Forest System; however the Town maintains a long-term lease on the land. Adjacent land ownership includes the Boulder Valley School District to the west and Arapahoe Ranch to the north on the other side of County Highway 130. The specified area also lies adjacent to a FEMA hazard mitigation project. Completion of this treat is critically important given its close proximity to important water infrastructure including Nederland's raw water treatment plant. Development has been proposed for 17-acres north of the site and will require future mitigation. The site is also nearby Middle Boulder Creek, which feeds Barker Reservoir in Nederland, a valuable water source for the City of Boulder. Given its location at the top of the Boulder watershed, the Town of Nederland must take special care to ensure that its water sources are shielded from contamination and disaster. Nederland's CWPP acknowledges the Raw Water Treatment Plant adjacent to the project location as "the most significant critical infrastructure in the Nederland area".

Current Conditions

All information for the project must fit into the allotted character space provided below.

Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.

Describe the current forest conditions (i.e. species composition, density, health, etc). Seek technical assistance from the CSFS, or other natural resource or forestry professional, and/or the publication that provides the ecological assessment for your project area. 700 characters

The two most prevalent species in the area are lodgepole pine and ponderosa pine. The project will focus on removing lodgepole pine, a significant number of which have been impacted by beetle-kill. The project will focus on preserving ponderosa pine in the area. In preparation for treatment, trees in the specified area have already been marked for removal or preservation. A past assessment of the specified area concluded that the forest was extremely dense and generally unhealthy. As such, treatment in the area is a critical need.

Protection of Water Supplies

All information for the project must fit into the allotted character space provided below.
Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

Describe how the proposed project will contribute to the protection of water supplies, such as water quality, water quantity, and/or associated infrastructure. Include the proximity to water source and/or infrastructure, as well as the significance of water supply/infrastructure and extent of impact to communities. 700 characters

- 8 The proposed project is especially critical to protecting Nederland's Raw Water Treatment Plant from the threat of wildfires. This plant serves over 500 water customers in the Nederland area. Furthermore, the specified project area is within one quarter mile of Middle Boulder Creek and within one mile of Barker Meadow Reservoir. As such, this project is not only important for protecting Nederland's water sources but also serves to protect valuable water sources for the City of Boulder and other communities along the Front Range.

Scope of Work/Prescription

All information for the project must fit into the allotted character space provided below.
Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

Provide a scope of work that defines the project prescription. Describe what will be accomplished and measurements to define project completion. Describe the scientific foundation for the project, specifically the practice standards that will be applied (e.g. forest management plan, CWPP, professional publications, other professional technical resources, professional foresters or other natural resources professionals). 1,800 characters

- 9 The Town of Nederland will be removing trees that have already been designated for removal by the U.S. Forest Service within the specified project area. Cutting will be done in such a manner that stumps left by tree removal will not exceed 6-inches in height. The trees designated for removal by the USFS are lodgepole pines; ponderosa pines within the specified project area will be preserved. When completed, the forest treatment proposed in this application will lower the intensity and slow the rate of spreading for potential wildfires by modifying vegetation structure and surface fuel loads. Defensible space has previously been marked in the area and more will be included in the scope of this project.

Tree cutting specifications are as follows:

1. Trees to be cut will be designated by the USFS and marked with blue paint
2. Trees marked with orange paint shall not be cut
3. Trees shall be flush cut with a stump height no greater than 6 inches
4. Where objects such as rocks may prevent flush cutting, the stump shall be as close to the ground as safely possible
5. Aspen trees shall not be cut unless approved by the USFS

Tree removal specifications:

1. The Town of Nederland shall purchase firewood permits from the Boulder Ranger District as necessary for the removal of material from USFS land

Slash Disposal Specifications

1. Lopped and scattered material shall be a minimum of 4 ft. from residual trees
2. Lopped and scattered material shall be no higher than 12 inches from the ground
3. No piles for later burning shall be created unless approved by the USFS

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	<p align="center">Forest Product Utilization</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
10	<p>Specify the forest product utilization plan. Include the product(s) and the plan to harvest and remove from defined project area. All participating landowners need to approve harvesting plans. 500 characters</p> <p>The forest products generated by this project will be removed by the Town of Nederland Public Works Department with permits issued by the Boulder Ranger District. The forest product will be made available to the public at no cost for use as fuel. Slash that cannot be used as fuel will be disposed of at the Nederland Transfer Station located on Ridge Road.</p>
11	<p align="center">Project Timeline</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>

	<p>Provide a timeline for the project, including significant accomplishment milestones during the project period. Reserve project maintenance activities and milestones for Box 13 Maintenance Sustaining Project Longevity. 500 characters</p> <p>The Town of Nederland would like to complete this project in the fall of 2015 and anticipates the duration of the project being 2-4 weeks depending on the amount of available labor.</p>
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	<p style="text-align: center;">Collaboration</p> <p style="text-align: center;">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
12	<p>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 project implementation. 1,000 characters</p> <p>The organizations collaborating on this project include the Town of Nederland, Boulder County, and the US Forest Service. The USFS contributed by designating trees for removal and preservation within the specified project area. The Town of Nederland is participating by contracting the labor and equipment needed for completing the project as well as by providing an in-kind match through equipment and personnel to be used for removing slash. Boulder County is...</p>

	<p style="text-align: center;">Maintenance Sustaining Project Longevity</p> <p style="text-align: center;">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
13	<p>Identify the long-term benefits of the project. Clearly specify the plans to sustain the long-term benefits of the project beyond project completion. Who, What, How, When? 500 characters</p> <p>In accordance with the CWPP, the Town of Nederland will continue to monitor the project area and will administer treatments as needed in the future.</p>

	Agreement Statement
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14	<p>Do you agree to the awarding process and reporting requirements as outlined in the Request for Applications?</p> <p><input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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ALL INFORMATION MUST FIT INTO THE BOXES PROVIDED. ATTACHMENTS, OTHER THAN THE REQUIRED MAP, AND/OR MODIFICATIONS WILL NOT BE CONSIDERED BY THE COMMITTEE.



**2015 HB12-1032
Colorado Forest
Restoration Grant
Program**

*1st Application
Submitted - with no hard Dollar match*

FOR STATE OFFICE USE ONLY		Project #	
Entity Submitting Project:			
County:			
Acres:			
Dollar Amount Requested:		!Undefined Bookmark, TEXT59	
Matching Share:		\$2,000	

USE RFA APPLICATION INSTRUCTIONS TO COMPLETE APPLICATION

Applicant Information	
Name of Project:	Town of Nederland Water Plant Forest Restoration Project
Applicant/Fiscal Agent:	Town of Nederland
Contact Person:	Alexander Armani-Munn
Address:	45 W. First Street, P.O. Box 396
City/Zip Code:	Nederland, CO 80466
Phone (Work/Cell):	(303)-258-3266
Email:	alexa@nederlandco.org

Community-at-Risk Information	
Community Name:	Town of Nederland
County:	Boulder County
Name of CWPP(s):	Town of Nederland Community Wildfire Protection Plan

Matching Contributions							
(Applications will be disqualified if sufficient match is not identified.) Please specify the name of each contributor and the dollar amount of each contribution. Non-state contributions must equal at least 40 percent of total project cost. Please DO NOT show grant-requested funds in this table. This is for matching share only, which is a minimum of 40 percent of total project cost.							
Contributors: (Please specify)	Town of Nederland						TOTAL
Dollars (Hard Match):	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0
In-Kind (Soft Match):	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2,000
TOTAL:	\$2,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$2,000

Total Project Budget		Grant Share \$ Amount requested	Match (carry from block three above)		TOTAL
			Dollars	In-Kind	
Personnel / Labor:	\$0	\$0	\$1000		\$1,000
Supplies/Materials:	\$0	\$0	\$1000		\$1,000
Contractual Services:	\$5,000	\$0	\$0		\$5,000
Administrative/overhead expenses:	\$0	\$0	\$0		\$ 0
TOTAL:	\$5,000	\$ 0	\$2,000		\$7,000

Budget Narrative

All information for the project must fit into the allotted character space provided below.
Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

5

Provide a brief description explaining exactly how the grant dollars will be spent and how these expenditures tie directly to the projects goals and objectives. 500 characters

The Town of Nederland is requesting \$5,000 with a \$2,000 in-kind match. If granted, the \$5,000 will be used for contracting personnel to complete the work outlined in the scope of work. As such, all requested funds will directly support the labor and equipment needed for completing the proposed project. The \$2,000 in-kind match provided by the Town will consist of personnel and equipment from the Public Works Department, which will be used to remove slash already piled on the project site.

Project Summary (check all that apply and answer related questions)

Is this project based on an ecological assessment of current conditions? ☒ Yes ☐ No

Select which Firewise Community/USA this project is located within drop down list.

Nederland, Nederland

Will the implementation of this project involve a contract with the Colorado Youth Corps Association or another accredited Colorado youth corps?

☐ Yes ☒ No

List the communities directly affected by this project:

Nederland, Eldora, downstream communities in watershed

Project location (latitude/longitude or legal description):

Located east of Nederland High School (597 County Hwy. 130)

Number of acres to be treated:

2

Estimated cost/acre:

\$1,000.00

6

Project Objectives (check all that apply) Any box checked "yes" needs to be further explained in proposal, and documented and implemented to receive grant reimbursement. See request for proposal-application instructions.

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.

☒ Yes ☐ No

Preserving old and large trees to the extent consistent with ecological values and science.

☒ Yes ☐ No

Replanting trees in deforested areas, if such areas exist in the project area.

☐ Yes ☐ No

Improving the use of, or adding value to, small diameter trees.

☐ Yes ☐ No

Project Area Description

All information for the project must fit into the allotted character space provided below.

Attachments will not be considered by the review committee. **Characters include letters, numbers, spaces and punctuation.**

Provide an overview of the project and its outcomes as related to the grant purpose criteria, and the need or purpose for the project. Address the project area by specifying the size (i.e. acreage) of project and land ownerships involved (e.g. private, county, state, federal, etc.), as well as adjacent land ownerships. Include information on the relevant watershed. Describe how this project supports and implements Colorado's State Forest Action Plan (consider overarching strategies, theme specific strategies, and tactics). Submit a single one-page map of the project area.

1,750 characters

7 The Forest Restoration Project at Nederland's Water Plant located on County Highway 130 is a component of the Town of Nederland's CWPP approved in 2011. The primary purpose of this project is to protect valuable water infrastructure, public and private lands in the vicinity, and the Nederland Middle/Senior High School from the threat of wildfire. As of 2015, the 2-acre area identified in this application is the last remaining area contained in Nederland's CWPP requiring mitigation. As such, once the specified area is treated, the Town of Nederland will have completed entirely its mitigation and forest restoration goals. The specified area is a part of the Boulder Ranger District within the National Forest System. Adjacent land ownership includes the Boulder Valley School District to the west and Arapahoe Ranch to the north on the other side of County Highway 130. The specified area also lies adjacent to a FEMA hazard mitigation project. Completion of this treat is critically important given its close proximity to important water infrastructure including Nederland's raw water treatment plant. Furthermore, the area is in close proximity to Middle Boulder Creek, which feeds Barker Reservoir in Nederland, which is a valuable water source for the City of Boulder. Given its location at the top of the Boulder watershed, the Town of Nederland must take special care to ensure that its water sources are shielded from contamination and disaster. Nederland's CWPP acknowledges the Raw Water Treatment Plant adjacent to the project location as "the most significant critical infrastructure in the Nederland area".

Current Conditions

All information for the project must fit into the allotted character space provided below.

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Describe the current forest conditions (i.e. species composition, density, health, etc). Seek technical assistance from the CSFS, or other natural resource or forestry professional, and/or the publication that provides the ecological assessment for your project area. **700 characters**

The two most prevalent species in the area are lodgepole pine and ponderosa pine. The project will focus on removing lodgepole pine, a significant number of which have been impacted by beetle-kill. The project will focus on preserving ponderosa pine in the area. In preparation for treatment, trees in the specified area have already been marked for removal or preservation. A past assessment of the specified area concluded that the forest was extremely dense and generally unhealthy. As such, treatment in the area is a critical need.

Protection of Water Supplies

All information for the project must fit into the allotted character space provided below.
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Describe how the proposed project will contribute to the protection of water supplies, such as water quality, water quantity, and/or associated infrastructure. Include the proximity to water source and/or infrastructure, as well as the significance of water supply/infrastructure and extent of impact to communities. 700 characters

- 8 The proposed project is especially critical to protecting Nederland's Raw Water Treatment Plant from the threat of wildfires. This plant serves over 500 water customers in the Nederland area. Furthermore, the specified project area is within one quarter mile of Middle Boulder Creek and within one mile of Barker Meadow Reservoir. As such, this project is not only important for protecting Nederland's water sources but also serves to protect valuable water sources for the City of Boulder and other communities along the Front Range.

Scope of Work/Prescription

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Provide a scope of work that defines the project prescription. Describe what will be accomplished and measurements to define project completion. Describe the scientific foundation for the project, specifically the practice standards that will be applied (e.g. forest management plan, CWPP, professional publications, other professional technical resources, professional foresters or other natural resources professionals). 1,800 characters

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- 9
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10	<p align="center">Forest Product Utilization</p> <p align="center">All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.</p>
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	<p>Provide a timeline for the project, including significant accomplishment milestones during the project period. Reserve project maintenance activities and milestones for Box 13 Maintenance Sustaining Project Longevity. 500 characters</p> <p>The Town of Nederland would like to complete this project in the fall of 2015 and anticipates the duration of the project being 2-4 weeks depending on the amount of available labor.</p>
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	<p>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 project implementation. 1,000 characters</p> <p>The organizations collaborating on this project include the Town of Nederland, Boulder County, and the US Forest Service. The USFS contributed by designating trees for removal and preservation within the specified project area. The Town of Nederland is participating by contracting the labor and equipment needed for completing the project as well as by providing an in-kind match through equipment and personnel to be used for removing slash. Boulder County is...</p>

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	<p>Identify the long-term benefits of the project. Clearly specify the plans to sustain the long-term benefits of the project beyond project completion. Who, What, How, When? 500 characters</p> <p>In accordance with the CWPP, the Town of Nederland will continue to monitor the project area and will administer treatments as needed in the future.</p>

14	<p align="center">Agreement Statement</p>
	<p>Do you agree to the awarding process and reporting requirements as outlined in the Request for Applications?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

ALL INFORMATION MUST FIT INTO THE BOXES PROVIDED. ATTACHMENTS, OTHER THAN THE REQUIRED MAP, AND/OR MODIFICATIONS WILL NOT BE CONSIDERED BY THE COMMITTEE.

An aerial photograph showing a school campus and surrounding area. A road with a '123' shield runs diagonally from the bottom left towards the top right. To the left of the road is a large, dark, wooded area. To the right of the road is a large, open green field. In the bottom left corner, there are several large, light-colored buildings. In the bottom right corner, there is a small, light-colored building. A red dashed rectangle is drawn around the small building in the bottom right corner. The text 'PROJECT AREA' is written in red inside this rectangle. The text 'OLD BOULDER CREEK' is written in red in the top left corner. The text 'NEDERLAND MIDDLE/SENIOR HIGH SCHOOL' is written in red in the bottom left corner.

OLD BOULDER CREEK

**PROJECT
AREA**

**NEDERLAND MIDDLE/SENIOR HIGH
SCHOOL**

2015 HB12-1032 Forest Restoration Grant Screening Procedures

District review: Be sure to read and follow all guidance provided.

Step 1. Review and screen applications to ensure they meet 100% of the eligibility criteria:

- Application must be complete, including inclusion of a single-page map that can be legibly printed on letter-sized paper.
- Cost-share must meet the base 60:40 rate. The state share may not exceed 60% of the total project cost. This means other state funding sources are not appropriate match unless the cumulative state share does not exceed 60% of the total project cost.
- The project area must be covered by a CSFS approved CWPP. Confirm that the CWPP is completed and approved. Watershed Assessments, Forest Stewardship Plans and other resource plans that do not follow the CWPP guidelines do not qualify as a CWPP. Additionally, confirm that the approved CWPP name is provided in Section 2. If not, then indicate that the application is not eligible for consideration by selecting the rank "not eligible" on the screening tool.
- Confirm that section 8 addresses how the project protects water supplies. If not, then indicate that the application is not eligible for consideration by selecting the rank "not eligible" on the screening tool.
- Confirm that the box for including an ecological assessment of current conditions within section 6 is checked "Yes." If "No" is checked or if the field is incomplete, then make note that the application is not eligible for consideration by selecting the rank "not eligible" on the screening tool.

Step 2. Address the following items in your screening and document accordingly in your notes:

- Confirm that the project area is within the indicated Firewise Community/USA if applicable.
- Validate that the prescription is appropriate for the current forest conditions (i.e. forest type), supports grant program objectives, and addresses relevant forest restoration objectives.
- Confirm the intention of utilization, what product(s) will be produced and what will be the forest product outlet.
- Describe applicant's performance history (i.e. successful completion by deadlines, extensions, BMPs, previous award recipient, additional projects in progress, etc.).

Step 3. Finally, indicate the priority level of each project (1 = highest priority). If you receive 5 applications, rank the applications in order of priority for funding (only one project ranked 1, only one project ranked 2, etc.). Use the rank drop down menu to select project priority or "not eligible."

Step 4. Forward your comments, applications and respective maps to me electronically no later than **May 5.** Please be sure the map file name is linked in relation to the file name of the application (i.e. Deer Creek Restoration Phase I application and Deer Creek Restoration Phase I map).

Note: Be sure to forward all projects proposals received even if any of the projects do not meet the eligibility requirements 100%. Also, be sure to send the applications unaltered electronically to me.



2015 Request for Application

HB12-1032 Colorado Forest Restoration Grant

Application Information and Instructions

During the 2009 session, the Colorado General Assembly approved HB 09-1199 to support SB 08-071 extending the Pilot Forest Restoration Program created by HB 07-1130 for an additional four years. HB 09-1199 authorized up to \$1,000,000 for each state fiscal year through July 2013 contingent on the availability of funds. Since the repeal of the Forest Restoration Pilot Grant in 2012, the Colorado General Assembly approved HB 12-1032 during the 2012 session, which supports the Forest Restoration Program. Similar to HB 09-1199, HB 12-1032 authorized up to \$1,000,000 for each state fiscal year through July 2018 contingent on the availability of funds in the Operational Account of the Severance Tax Trust Fund.

The Colorado State Forest Service administers the program, and funding is awarded through a competitive process that prioritizes collaboration, protection of communities and water supplies, use of forest products and scientifically-based ecological restoration, and where feasible, involvement of the Colorado Youth Corps. Eligible applicants must have legal authority to exercise forest restoration treatments on the project areas, which may be entirely on private, federal, state, county or municipal forest lands, or on any combination thereof. Third-party organizations functioning as the fiscal agent for and administering projects will specify treatment areas committed to project implementation.

The state's award share of total project cost in addition to matching contributions from another state agency shall not exceed 60 percent per project. Matching funds may be provided through cash or in-kind. Federal funds and in-kind contributions are eligible match. Projects must be implemented in area(s) identified in proposal.

This grant is a cost-share program and funds will be distributed according to project accomplishments.

Applicants are encouraged to consider and submit ***projects that demonstrate a community-based approach to forest restoration***. Projects should be designed to have the greatest benefit and impact to the landscape in order to promote overall forest watershed health and provide protection to water resources and supplies. Consider the project's scope of influence and impact across the landscape.

ELIGIBILITY:

Proposed projects must:

- Meet the grant criteria.
 - Be located in an area with an approved [Community Wildfire Protection Plan](#).
 - Address the protection of water supplies, such as water quality, water quantity and / or related infrastructure.
 - Address one or more of the following objectives, and document and implement accordingly:
 - Reducing the 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 populations.

- Preserving old and large trees to the extent consistent with ecological values and science.
 - Replanting trees in deforested areas if such areas exist in the proposed project area.
 - Improving the use of, or adding value to, small-diameter trees as forest products.
 - Be included in an assessment that:
 - Identifies both the existing ecological condition of the proposed area and the desired future condition. Existing ecological conditions may include (a) highly erodible soils on slopes that impact the water quality, (b) over-stocked forests that present wildfire risk, unhealthy trees, reduced water yield, or (c) low species diversity. The desired future condition is the accomplishment of goals, or management activities, outlined in the Scope of Work/Prescription that promote the healthy function, structure, and composition of essential ecosystem components. Examples of essential ecosystem components may address (1) age and size class diversity, (2) species diversity, (3) interactions between forest cover and density to water quality and quantity, and fire risk, and (4) relationship between soil erosion and water quality. Forest management plans, natural resource assessments and CWPPs are examples of assessments.
 - Meet the 60/40 match requirement. Leverage funding through in-kind or cash contributions. Matching contributions should be clearly identified and firmly committed.
 - Be located within the state boundaries of Colorado.
 - Applicant can function as the fiscal agent and has legal authority to administer and/or implement treatment on proposed project area(s).
 - Comply with all applicable federal and state environmental laws. Applicable Colorado Best Management Practices are required for project implementation. Use of other BMP standards or guidelines must be reviewed and approved by the local CSFS district.
 - Include a diverse and balanced group of stakeholders, as well as appropriate governmental representatives, in the design, implementation and maintenance/monitoring of the project.
 - Incorporate current scientific forest restoration and management techniques.
- Propose only projects that use machinery or otherwise demonstrate the ability to meet the stated program and proposal objectives of the project (i.e. thinning with chainsaws or heavy equipment, vegetation planting, erosion control activities, etc.) will be considered for award to ensure completion of project in allotted timeframe. Prescribed fire (broadcast and pile) are not approved activities for the use of these funds.
 - Where feasible, contract with an accredited [Colorado Youth Corps](#) to provide labor.
 - According the HB07-1130, "In carrying out [this] program and approved projects to provide..., the [Colorado State Forest Service] and stakeholders shall, whenever

feasible, contract with the Colorado Youth Corps Association or an accredited Colorado Youth Corps to provide labor.”

- If applicant plans to contract with an accredited [Colorado Youth Corps](#) to provide labor, then the successful proposal will be required to utilize the Colorado Youth Corps and document contributions and accomplishments.
- Discuss project relevance to the Colorado State Forest Action Plan (Colorado Statewide Forest Resource Assessment and Strategy). Project goals and objectives are encouraged to align with the overarching strategies and/or thematic strategies or tactics. These strategies and tactics help focus efforts to manage Colorado’s important forest landscapes.
 - The [Colorado State Forest Action Plan](#) (follow link for assessment and strategy) is a set of companion documents required by the 2008 Farm Bill to help guide where we direct resources to best focus forest management efforts and achieve desired future conditions. All forest management activities planned and implemented shall consider projects in the higher priority areas of Colorado’s important forest landscapes and/or where the opportunity exists to affect larger landscapes and leverage additional resources.
- Identify project location. Location information will be used to determine in which priority landscape level the project is located according to the Colorado State Forest Action Plan.
 - Project locations will be related to priority landscape level according to the national theme maps, Conserve Working Forest Landscapes, Protect Forests from Harm, and Enhance Public Benefits from Trees and Forests (Colorado Statewide Forest Resource Assessment, pages 70-72). Consult your local CSFS District for assistance to identify your project’s location using either latitude/longitude or legal description.
- Be completed within the designated 22-month project period.
 - Complete all activities that meet performance measures and **acres to be treated as** proposed in the Scope of Work/Prescription for full payment. Partial completion will result in partial reimbursement based on CSFS evaluation of project progress.
- For successful proposals that are awarded funds,
 - Develop a comprehensive Plan of Operations that will guide successful accomplishment of the scope of work prescriptive outcomes; and
 - Submit a report, upon project completion, to the Colorado State Forest Service on the positive or negative impact and cost effectiveness of the project (e.g. cost summary explaining who, what and how much). Provide a comparison of the proposed budget and actual expenses considering activities accomplished according to Plan of Operations, Scope of Work and Prescription (i.e. project was under budget, more acres were accomplished, project required leverage of more matching contributions to complete, etc.). Include electronically-provided digital before and after photos in the Final Closeout Report. Provide the CSFS a shapefile (digital map data) for treated areas.

FOREST RESTORATION GRANT PROGRAM OBJECTIVES

All projects must address the protection of water supplies in addition to one or more of the other listed objectives.

Protect Water Supplies

All projects must include forest treatments that result in the protection of water supplies. This objective can be achieved by reducing the risk of wildfire to watersheds or to water treatment and/or storage facilities; through forest management practices including but not limited to thinning, selective harvest, clearcutting, chipping, mastication, and planting of trees in deforested areas (only mechanical operations). All projects must follow [Forestry Best Management Practices to Protect Water Quality in Colorado-2010](#). If other BMPs are proposed to be applied, they must be equal or more stringent than Colorado's, and be reviewed and approved by the local CSFS district.

Reduce the Threat of Large High-Intensity Fires:

Projects will mitigate the threat of wildfires by reducing fuel loads and excessive competition among trees, and restoring ecosystem function, structure, and species composition, including reduction of non-native species populations. To be considered, all projects must be in an area covered by an [approved Community Wildfire Protection Plan](#) (CWPP) and should address a priority described in the plan. Colorado State Forest Service is the agency responsible for approving Community Wildfire Protection Plans.

Preserve Old and Large Trees:

Projects will restore ecosystem function and incorporate the ecological values of old and large trees as appropriate based on scientific research. Describe to what extent old and large trees will be retained. Is there a particular ecosystem function or ecological value why old and large trees are preserved within the proposed project area?

Replant Trees in Deforested Areas:

Projects will provide for reforestation in areas negatively impacted by wildfire, insects and disease or other large-scale disturbance. Reforestation will be prioritized in areas that have not been, and are not likely to be, adequately restocked by natural processes. Emphasis will be given where planting trees protects water supplies, and conserves and restores natural and social values. Identify species selected for reforestation project.

Improve the Use of, or Add Value to, Small Diameter Trees:

Projects will emphasize the utilization of small diameter material and other woody biomass that results from forest treatments. Communities are encouraged to submit projects that improve the cost-effectiveness of treatments through utilization of woody material. Be specific by describing which forest products will be generated from the project, if they will be donated, if they will be processed by local timber industry, and other information substantiating the intended use of forest products from project activities.

APPLICATION INSTRUCTIONS:

1) All blocks are fill-in enabled and character locked. Applicants must fit all information into the allotted character space. Characters include letters, numbers, spaces and punctuation. **Applications that have been modified for any reason after the final deadline will be considered *ineligible* by the review committee. Applications must meet all requirements to be considered eligible. The Colorado State Forest Service reserves the right to reject any or all applications.** The scoring information is outlined on pages 8 and 9.

2) Application guidelines by box number:

- **Box 1 & 2- APPLICANT & COMMUNITY-AT-RISK INFORMATION:** Use a unique and simple name for the project. Basic applicant and community at risk information. The applicant/fiscal agent must have legal authority to administer the forest management treatment for the proposed project area. Include the name of the Community Wildfire Protection Plan (CWPP). Be sure the CSFS has an electronic copy of the CWPP). Another ecological or values-at-risk assessment is not a viable substitute for a CWPP.
- **Box 3 & 4- MATCHING CONTRIBUTIONS & TOTAL PROJECT BUDGET:** The totals in these boxes calculate automatically when the data is entered into the fields and you tab to the next fill in enabled box. Do not enter numbers into contributors' space. If the contributors name contains a number spell out that number so that it will not add into the total column. Check that all numbers add up correctly and have transferred correctly to the Official Use only box on the top of page 1. Do not put the grant amount requested into box 3 as that will make box 3 and 4's match totals different yielding an inaccurate budget. Be sure to check your number entries, calculations and transfers. Consider cost-effectiveness when preparing budget. Awarded projects must leverage matching contributions according to the proposed match percentage of total project cost. For example, if application proposes to match 50 percent of total project cost, regardless of proposed total project cost, award recipient must leverage matching contributions 50 percent of actual total project cost. The total project cost equals (a) the grant amount requested, which are expenses that may be reimbursed, (b) additional funds contributed to the project that are not to be reimbursed by grant funds, and (c) additional contributions that are also not be reimbursed by grant funds.
 - Federal funds are acceptable based on approval from contributing agency.
 - State funds, a combination of award amount and matching contributions, may not exceed 60 percent of total project cost.
 - While the Colorado State Forest Service may provide technical assistance to support the development and implementation of your project, the CSFS is not an eligible source of matching contributions. However, the cost of CSFS services may contribute to the cost of the total project.
 - Out-of-pocket expenses exceeding the award amount are part of the leveraged funds (matching contributions).
 - Award recipients and other contributors may support project implementation with their time. Depending on the source of time contribution will determine how much time may be

reimbursed and how much time leverages to complete the project. Be sure to account for time by applying the current volunteer labor rate (\$25.10 for 2015) at the time of reimbursement request.

- In-kind includes donated supplies, materials, equipment use, or time (volunteers or personal labor are acceptable).
- Equipment use and supplies should be valued at the actual cost or fair market value if receipts are not available.
- Matching funds should be clearly identified and firmly committed.

➤ **Box 5 – BUDGET NARRATIVE:** Describe in detail the budget line items listed in Boxes 3 and 4. Describe how the grant funds will be spent, the role of each entity involved in project implementation, the nature of in-kind contributions, your ability to leverage grant funds with other funding sources, and how leveraged funds are likely to be allocated to the project. Be sure expenditures are relevant to the project's scope of work/prescription outlined in Box 9.

➤ **Box 6 -- PROJECT SUMMARY:** Provide basic summary information about the project's objectives, participation in Firewise Communities/USA (<http://www.firewise.org/usa-recognition-program.aspx?sso=0>), and expected outcomes including specific communities directly affected by project, acres to be treated, total project cost per acre, specific project location and youth corps participation. Acres accomplished are actual acres treated and not acres affected. If project proposes to partner with an accredited Colorado Youth Corps, then the project must incorporate them in the implementation. Also, be sure to address how relevant objectives will be achieved within Box 7 Project Area Description or Box 9 Scope of Work/Prescription.

➤ **Box 7 – PROJECT AREA DESCRIPTION & CURRENT CONDITIONS:** Briefly describe the area to be treated by the proposed project including watershed details (i.e. watershed location and scope), forest types, land ownerships, acreage for each landowner, and values at risk to be protected. Discuss the current forest condition (i.e. species composition, density, health, etc.) and what is the need or purpose for this project. Address how this project restores the forest condition and to what extent. Describe the scope of influence of this project across the landscape and how it contributes to the effectiveness of neighboring completed treatment areas. Also, be sure to describe how the project will address the implementation of strategies and/or tactics identified in the Colorado State Forest Action Plan. Consider the concept of the project. For example: a project may focus forest management activities to reduce impacts of wildfire, and forest insects and diseases; work with partners to enhance protection of watersheds and water supplies outside the WUI; and/or advocate landscape approaches to protect communities. ***Tip: projects proposed with willing landowners and specific locations identified at the time of application deadline will compete best. Projects administered by a third-party organization will specify landowners and locations within the application.***

➤ **Box 8 – PROTECTION OF WATER SUPPLIES:** Describe the benefits to and how the project will improve the protection of water supplies, including water quality, water quantity and associated water infrastructure. Identify water supply or water infrastructure. Specify the project's proximity to critical water sources, level of community dependence on identified water resources, and the benefits and/or impacts to the water end-user.

- **Box 9 – SCOPE OF WORK/PRESCRIPTION:** Outline the project's scope of work, including details on methods, locations, purposes for proposed treatments, and how relevant Best Management Practices are applied. The scope of work also should be aligned with the budget narrative (box 6). The specific details of the project need to address any forest product specifications and utilization standards, as appropriate to the treatment, as well as the forestry practice standards and scientific foundation used to guide project design and implementation. Practice standards and other specifications will be the ruler to measure successful accomplishment of project. The scientific foundation should be substantiated by a reliable and professional resource with proper interpretation and recognized as appropriate to the local conditions found on the project site. Proposed treatments should be appropriate for the ecological conditions of the landscape and desired outcome of the project. Resources include publications such as CSFS guidelines and/or research articles from relevant studies appropriate to Colorado (i.e. CFRI and FRFTP research for Front Range forests), management plans, and the expertise of CSFS foresters, consultants or other professionals. Examples of CSFS guidelines include Best Management Practices, thinning standards, defensible space, mastication, etc. and may be found at <http://csfs.colostate.edu/csfspublications/>. Explicitly identify which publication, or professional technical resource, will be applied in project design and implementation. Remember to be complete and concise.
 - *An example of a prescriptive scope of work is:* A 300 to 315 foot wide fuelbreak, depending on slope, 20 miles long will be created within the common space around the perimeter of Firesafe Village. The fuelbreak will also extend onto Bob Smith (Lot 210-2 acres), Jane Jones (Lot 212 – 3 acres), and Simon Forte's (Lot 214 – 4.5 acres) properties. Grant funds will be used to contract with Firesafe Contracting Service who will use a brush masticator where possible and hand crews to complete the work in steeper areas. CSFS Mastication Operational Guidelines in conjunction with CSFS Fuelbreak Guidelines for Forested Subdivisions and Communities will be applied for the design and implementation of the project. All work will follow the Forestry Best Management Practices to Protect Water Quality in Colorado – 2010. Grant funds also will be used to create and print firesafe brochures in this and surrounding subdivisions. Community members will provide cash match to help fund the contractor services, and will provide a combination of in-kind time and cash match to distribute firesafe brochures.
- **Box 10 – FOREST PRODUCT UTILIZATION:** Specify the forest product utilization plan. Include the product(s) and the plan to harvest and remove from defined project area. All participating landowners need to approve harvesting plans. Visit the CoWood webpage listed below for further information on wood utilization.
- **Box 11 – PROJECT TIMELINE:** The project timeline should include such things as: begin/end dates, milestones, quarterly accomplishments, etc. to convey that projects will be completed within the allotted timeframe. Projects shall initiate project implementation within first three months following award notification.
- **Box 12 – COLLABORATION:** Provide details how a variety of stakeholders were involved in the development of the proposed project and how such stakeholders will be engaged in the

implementation of the project. Please specify if an accredited Colorado Youth Corps Association will be involved in the project implementation and provide details.

Tip: projects proposed with willing landowners and dedicated matching contributions at the time of application deadline will compete best. Specify level of commitment and preparedness from landowners and leveraged resources.

- **Box 13 – MAINTENANCE SUSTAINING PROJECT LONGEVITY:** Outline plans to maintain the improved landscape conditions achieved through implementation of the proposed project. Maintenance activities are expected to occur after the project period to sustain the benefits of the treatments and do not intend to use grant dollars to fund. Identify who will plan and provide the project maintenance services, how the maintenance work will be funded, what maintenance will be needed to sustain the long-term benefits and at what frequency, timeline, will maintenance be necessary.
 - **Box 14 – AGREEMENT STATEMENT:** This statement indicates that the applicant agrees to the awarding process, which is outlined below within the Application Review Process section, as well as the reporting requirements, which is outlined above within the Eligibility section and further described in the official award notification.
- 3) **Map:** A single map of the project area must be included as an attachment to the application form. Photos are not to be included in the application or as attachments.
- Map must fit on a single 8 ½" x 11" page.
 - Include title, scale, north arrow, legend/appropriate labels.
 - Clearly indicate specific project area. Reimbursements for funded projects will only apply to specific areas proposed in the completed application form.
- 4) Additional documentation may be requested and required prior to awarding successful project proposals. Documentation such as supporting letters will not be considered as part of the review process.

SCORING

- The following four criteria must be met to be considered eligible for scoring.
 - Project area is covered by an approved Community Wildfire Protection Plan (CWPP),
 - Project meets the 60/40 match requirement (state share does not exceed 60% of total project cost),
 - Project addresses protection of water supplies,
 - Project is included within a current ecological and desired future condition assessment (i.e. forest management plan).
- Once eligibility is verified, all grants will be scored based on the following categories (90 points possible):

Budget (10 points)

How clear are expenditures? How reasonable and relevant are costs for the proposed project? How effectively does the project leverage funds from other sources?

Project Description, Current Forest Conditions, and Protection of Water Supplies (30 points)

How effective will the project achieve objectives and desired future condition? Short-term? Long-term? Will the project achieve results at a meaningful scale? How well is the project area defined (i.e. participating landowners)? Is the project situated within an important forest landscape (medium high or high)? Besides a CWPP, does the project tie to a watershed assessment, forest management plan or other ecological assessment? How clearly defined are the water protection efforts, as well as any of the other grant program objectives?

Scope of Work, Prescription, and Scientific Foundation (30 points)

How appropriate is the scope of work and prescription to achieve the project and grant program's objectives within the current forest condition? Do the scientific standards reflect appropriate ecologically sound principles?

Forest Product Utilization (10 points)

Does the utilization plan help achieve the project's objectives? How well does the utilization plan support local and/or state forest product industry?

Collaboration (10 points)

How well does the project maximize the use of partners and supporters, in planning and on the landscape?

APPLICATION DEADLINE

This 2015 Colorado Forest Restoration Grant Program application form must be used. This form can be downloaded from the Colorado State Forest Service website at <http://csfs.colostate.edu/funding-assistance>.

The **FINAL** application form should be filled out and **submitted electronically to [your local CSFS District](#) no later than 4:00 pm MDT on Thursday, April 23, 2015**. Be sure to include the project area map in the e-mail with the completed application form. Be sure to identify the proposal and map files with a name relevant to the project. It is recommended to select a unique name to reduce confusion with other projects. Specify COLORADO FOREST RESTORATION GRANTS and a project keyword in the e-mail subject line for map and completed application form (i.e. abcOPENSOURCE)

Hard copy applications will not be accepted. Applications received after 4:00 pm MDT on Thursday, April 23, 2015 will not be accepted. Incomplete applications will not be accepted. Contact [your local CSFS District](#) for district-specific deadlines or if further assistance is necessary to prepare an eligible grant proposal. Proposals will undergo a review at the local district level prior to a statewide interagency panel review process. All applicants will be notified of the status of their applications by Summer 2015.

APPLICATION REVIEW PROCESS

District Review – Your local CSFS district will review the proposals received by the designated deadline. The district review process primarily serves to evaluate proposals to ensure that they meet the required eligibility criteria.

Interagency Advisory Panel Review – The panel serves as an advisory group who recommends to the Director of the Colorado State Forest Service which proposed projects should be funded.

Director Approval of Advisory Panel Recommendations – As indicated above, additional documentation may be requested and required prior to awarding successful project proposals. The additional information is to help substantiate Director's decision to fund successful project proposals.

Initial Award Notification – This is not the green light for implementation. Initial notification is completed electronically and engages the prospective successful applicant to develop a comprehensive Plan of Operations.

Successful Applicants Develop Plan of Operations and submit to CSFS – The local CSFS district office will review each Plan of Operation submitted prior to forwarding to the Forest Restoration Grant program manager.

Official Award Notification – Once an approved Plan of Operations is received by the grant program manager, the official award notification will be prepared and mailed out via US Postal Service. The award notice will need to be signed and the Exhibit A, Scope of Work, will need to be initialed. Both original signed and initialed documents will need to be returned to the grant program manager.

NOTE: This entire process can take 4 to 6 months.

For Questions or More Information

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