

Colorado State Forest Service

Emergency Supplemental

2010 Grant Application

DISTRICT'S: Please Complete	
District Submitting Project:	
Forester Submitting Project:	
District Priority Number:	
Date Submitted:	
FOR REVIEWER'S USE ONLY:	
Rating:	

Applicant Information	
Applicant:	MacGregor Ranch – Muriel L. MacGregor Charitable Trust
Contact Person:	Ken Morgan, Trustee
Address:	901 Devils Gulch Rd 903
City/Zip Code:	Estes Park, CO 80517
Phone (Work/Cell):	303-291-7404 / 970-227-9601
Email:	Ken.morgan@state.co.us
Fax:	303-291-7456

Community At Risk Information			
Name of Project:	MacGregor Ranch		
Community Name(s):	Estes Park		
County:	Larimer	Congressional District:	4th
Latitude (decimal degrees):	40.4 degrees	Longitude (decimal degrees):	105.5 degrees
Threat Description (check all that apply)			
Homes:	<input checked="" type="checkbox"/>	Number of:	10
Businesses:	<input type="checkbox"/>	Number of:	
Watersheds:	<input checked="" type="checkbox"/>	Number of:	1
Infrastructure:	<input checked="" type="checkbox"/>	Estimated value of:	\$500,000
Economic Viability:	<input type="checkbox"/>	Estimated value of:	
Historic Structures:	<input checked="" type="checkbox"/>	Number of:	5
Other (Describe):			

Requested Grant Amount / Project Description	
All information for the project must fit into the space provided below. The review committee will not consider attachments.	
Dollar Amount Requested May Not Exceed \$470 x Number of Acres Proposed For Treatment	
Dollar Amount Requested	\$47,000
Will this Project be conducted as a Pass-Through Grant?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Provide a brief overview of the project and the project area. (If applying for a fuels reduction project, identify vegetation types)	
<p>MacGregor Ranch is located in Estes Park city limits on the north end of town within the wildland-urban interface. The ranch shares it's northern and western borders with Rocky Mountain National Park. It is one of Estes Park's original settlements and is now held as a land trust. MacGregor Ranch is a fully functioning cattle ranch and historic site open to the public. A forest stewardship plan was recently created to guide management of the 320 acre forest stand on the southern portion of the property. We propose treating 100 acres of ponderosa pine forest by selective thinning for insect, disease, and fuels mitigation to increase the overall health of this historic stand of trees. There are currently pockets of mountain pine beetle mortality and infestation as well as encroaching dwarf mistletoe. Some areas contain dense pockets of suppressed trees that would benefit from thinning. The proposed treatment area is Unit 1 on the attached map. This area has a fire hazard rating of very high.</p>	

Scope of Work / Project Timeline

All information for the project must fit into the space provided below. Attachments will not be considered by the review committee.

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

A professional contractor will implement the thinning according to the management plan and guidelines set forth by a forester from the Colorado State Forest Service. Thinning will focus on those trees killed or currently infested by mountain pine beetle as well as suppressed trees in dense clumps. The objective is to mitigate beetle spread and potential fuel loads created by beetle-killed trees. Through forest management we will create a mosaic of tree sizes and ages across the stand resulting in a forest structure desirable for a range of wildlife and understory plant species. The target residual basal area is 50-60 square feet per acre. All healthy old growth trees will be saved. Additionally, we will attempt to buffer the spread of dwarf mistletoe by thinning along the edge of the infestation. If this project is funded we plan to start the work in the spring or early summer of 2010. Work will continue through the fall and winter (as conditions allow) until all 100 acres are treated. Beetle infested material will be hauled to the Estes Park burner and burned. Uninfested logs will be milled on site using our saw mill and utilized for building and fencing projects around the ranch. Slash will be piled and burned by ranch staff.

Describe all planned long-term maintenance (grant funded or other).

We plan to work towards implementing objectives outlined in the 10-year work plan of our forest management plan. Once Unit 1 is complete we will begin to focus on improving forest health on our additional 3 units. Ranch staff and the board will maintain fuels and desired tree densities after work is completed. We hope to conduct some broadcast burning in the future.

What is the duration of this project? (check one) 1 Year 2 Years 3 Years 4 Years

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

Provide a timeline for the project

June 2010 – June 2011, Unit 1 completed in 2-4 phases throughout this one-year period. The first phase will begin immediately and focus on removing pockets of pine beetle infestation. The second phase will be a general thinning of dense clumps, followed by a dwarf mistletoe sanitation thinning. Piles will be burned in the winter of 2010-11. Depending on progress, we may do one additional phase of contracted thinning in spring of 2011. Any additional piles will be burned the following winter by ranch staff and Estes Park FDP.

Interagency Collaboration

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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.).

Muriel L. MacGregor Charitable Trust Board of Trustees, staff, and volunteers will contribute labor/equipment and project oversight. Colorado State Forest Service will contribute technical assistance and grant administration. A private professional contractor will be hired to conduct tree felling, limbing, and bucking. The city of Estes Park will provide the air curtain burner to incinerate beetle-infested material. We are also covered under the Estes Park CWPP. The Estes Park Fire Department will assist with slash pile burning. Additionally, we are working with the NRCS on a number of Ag-related EQIP projects, so this forestry project would tie in nicely with ongoing work at the ranch.

Community Wildfire Protection Plan (CWPP)

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

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

6	Project Category (check all that apply and answer related questions)			
	Hazard Fuels Reduction X Other Forest Management Treatment X			
	Number of acres to be treated:	100	Estimated cost per acre:	\$470
	Project Type (check all that apply)			
	Defensible Space	X	Thinning w/o Product	<input type="checkbox"/>
	Fuelbreak	<input type="checkbox"/>	Mastication	<input type="checkbox"/>
Thinning w/ Product	X	Other	<input type="checkbox"/>	

7	Total Project Expense (Pass Through)		
	<i>Please fill all fields</i>	Grant Share (\$ Amount Requested)	TOTAL
	Contractual Services:	\$47,000	\$ 47,000
	TOTAL:	\$47,000	\$ 47,000

Grant funding may only be used for Contractual Service.

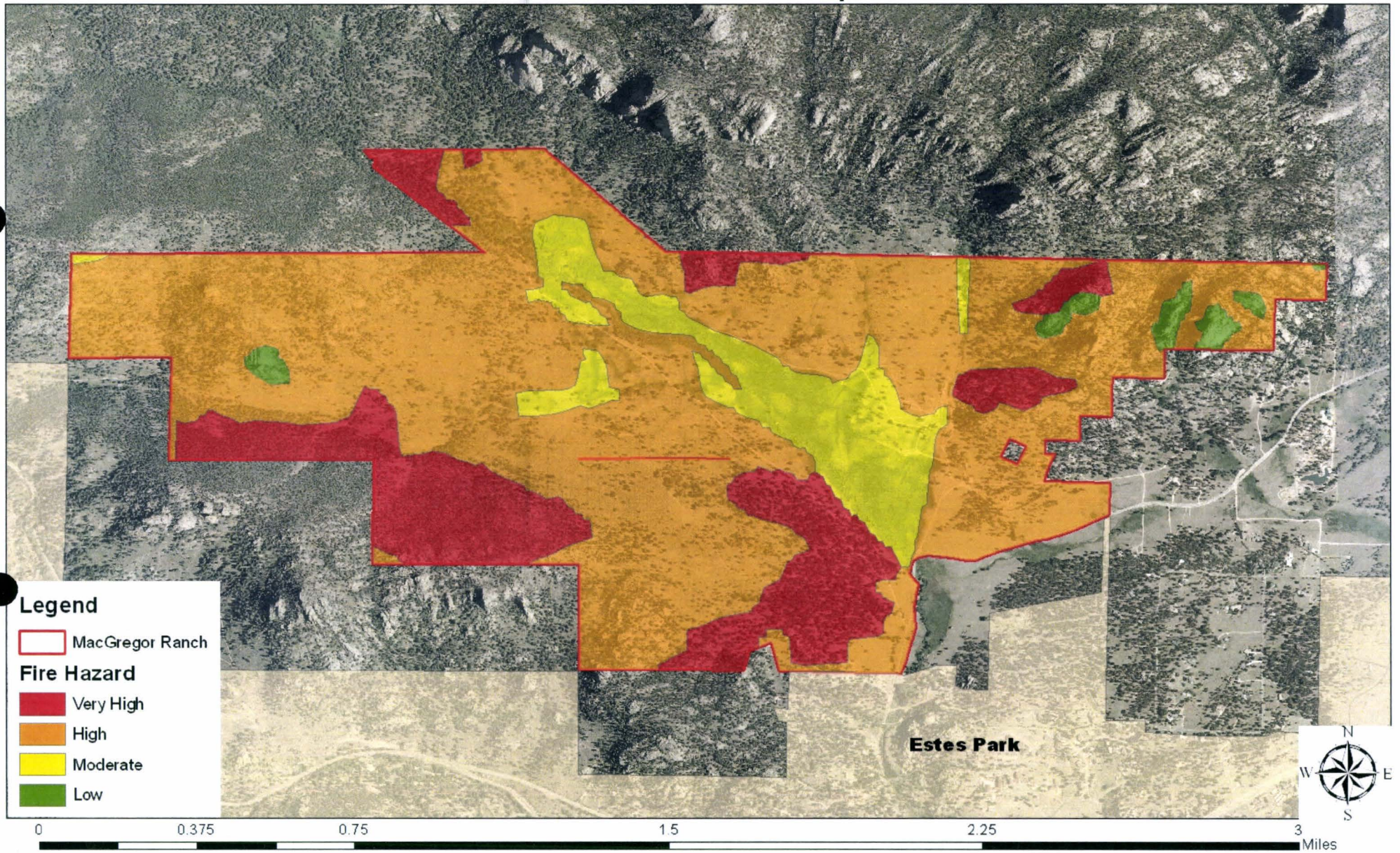
8	Total Project Expense (Non-Pass Through)		
	<i>Please fill all fields</i>	Grant Share (\$ Amount Requested)	TOTAL
	Contractual Services:		\$ 0
	Indirect Costs:		\$ 0
TOTAL:	\$0	\$ 0	

Grant funding may only be used for Contractual Service and Indirect.

Attach Project Map Showing Specific Treatment Areas

Fire Hazard

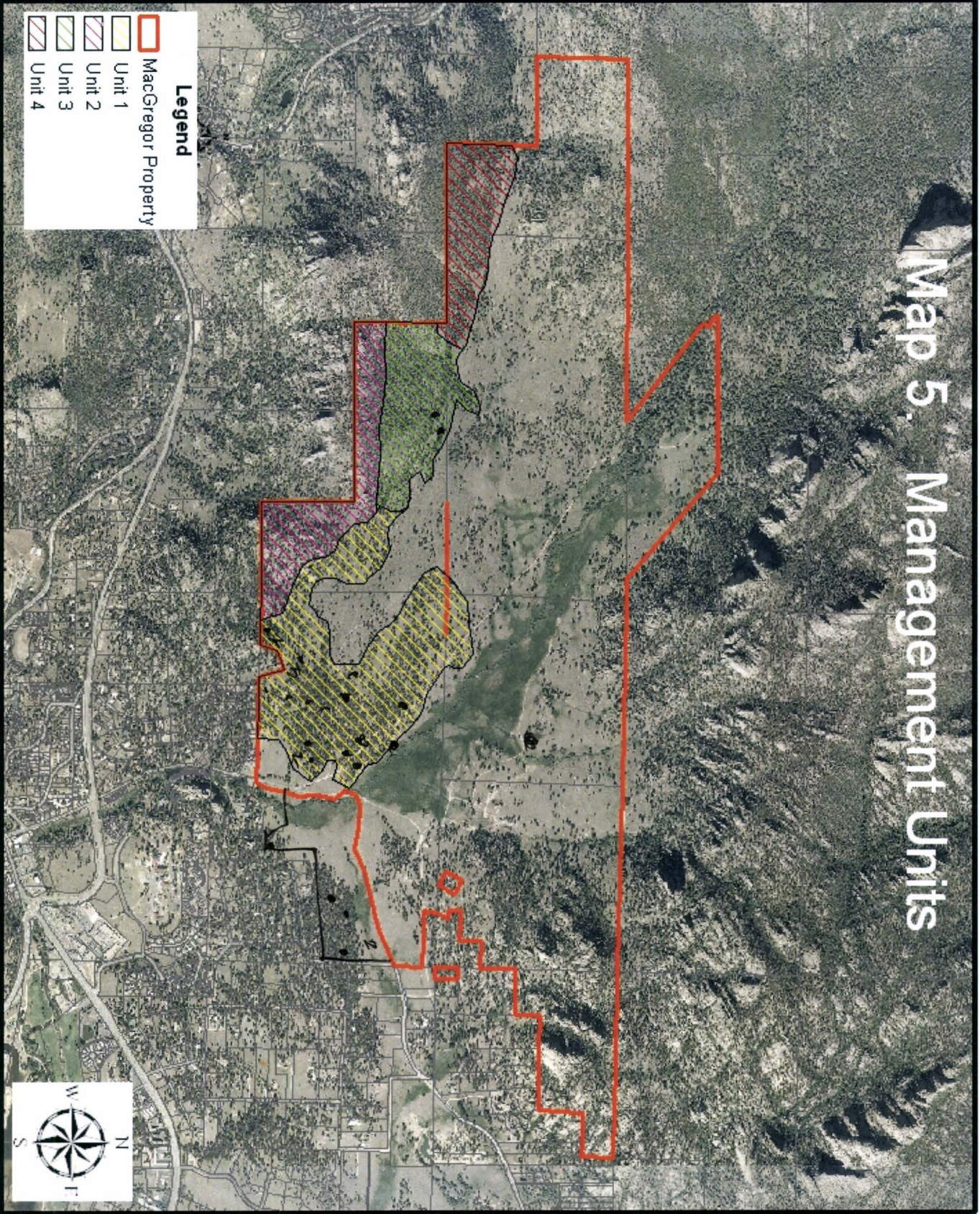
Map 3.



Map 5. Management Units

Legend

- MacGregor Property
- Unit 1
- Unit 2
- Unit 3
- Unit 4



0 0.375 0.75 1.5 2.25 3 Miles