

COOPERATIVE EXPENDITURE REPORT

Report Period April - October 2005
 Summary of expenditures incurred by: Boulder County Parks & Open Space
 for the purpose of: Fire Mitigation at Betasso Preserve

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort (1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	\$49,710.08	\$9,360	\$59,070.08
2. Operating Expense		\$22,680	\$22,680
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$49,710.08	\$32,040	\$81,750.08
GRANT AMOUNT (awarded through CSFS, if applicable) \$ <u>7000.00</u>			
Grant Type/Name/Number: _____			

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use \$11.68 / hour for volunteered time and effort.
- (2) Exclude payments to the Colorado State Forest Service for services related to this project.
- (3) Exclude all federal source funds related to this project.
- (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Therese Glowacki Date: 9/9/05
 Name / Title: Therese Glowacki, Manager, Resource Management Division
 Address: P.O. Box 471
 City: Boulder County: Boulder State: CO Zip: 80503

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS District Office

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period April - July 2005Summary of expenditures incurred by: Boulder County Parks and Open Space
for the purpose of: Fire Mitigation at Betasso Preserve(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development;
Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels
Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort (1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	\$ 49,710.08	\$ 7,056.00	\$ 56,766.08
2. Operating Expense		\$ 16,200.00	\$ 16,200.00
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$ 49,710.08	\$ 23,256.00	\$ 72,966.08
GRANT AMOUNT (awarded through CSFS, if applicable) \$			
Grant Type/Name/Number:			

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 (2) Exclude payments to the Colorado State Forest Service for services related to this project.
 (3) Exclude all federal source funds related to this project.
 (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Therese Glowacki Date: 9/14/05
 Name/Title: Therese Glowacki, Manager, Resource Management Division
 Address: PO Box 471
 City: Boulder County: Boulder State: CO Zip: 80306

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS District Office

COOPERATIVE EXPENDITURE REPORTReport Period: January 1, 2005 through September 1, 2005Summary of expenditures incurred by: Boulder County Wildfire Mitigation Group / Land Use Department

for the purpose of: Front Range Fuels Treatment (FRFTP) – Jamestown Fuel Break
 (Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development;
 Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels
 Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	37 hrs x \$15.50/hr		\$573.50
2. Operating Expense	FUEL		
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)			\$573.50

GRANT AMOUNT (awarded through CSFS, *if applicable*): \$18,000

Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) – Jamestown Fuel Break

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use **\$11.68 / hour** for volunteered time and effort.
- (2) Exclude payments to the Colorado State Forest Service for services related to this project.
- (3) Exclude all federal source funds related to this project.
- (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: _____ Date: 1 September 2005Name / Title: Eric Philips, Wildfire Mitigation CoordinatorAddress: P.O. Box 471 13th and Spruce StreetsCity: Boulder County: Boulder State: CO Zip: 80306

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period June - September 2005Summary of expenditures incurred by: Boulder County Parks & Open Space
for the purpose of: Fire Mitigation at Blue Jay Mine, Jamestown

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort (1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	\$ 9157.12	\$ 7485.00	\$ 16,642.12
2. Operating Expense		\$ 12,150.00	\$ 12,150.00
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$ 9157.12	\$ 19,635.00	\$ 28,792.12
GRANT AMOUNT (awarded through CSFS, if applicable) \$ _____			
Grant Type/Name/Number: _____			

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- (1) Use \$11.68 / hour for volunteered time and effort.
 (2) Exclude payments to the Colorado State Forest Service for services related to this project.
 (3) Exclude all federal source funds related to this project.
 (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Therese Glowacki Date: 9/14/05
 Name / Title: Therese Glowacki, Manager, Resource Management Division
 Address: PO Box 971
 City: Boulder County: Boulder State: CO Zip: 80306

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS District Office

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period July - August 2005Summary of expenditures incurred by: Boulder County Parks and Open Space
for the purpose of: Fire Mitigation at City of Jamestown Property

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort (1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	\$22,986.24	\$2,520.00	\$25,506.24
2. Operating Expenses		\$1,050.00	\$1,050.00
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$22,986.24	\$6,570.00	\$29,556.24
GRANT AMOUNT (awarded through CSFS, if applicable) \$ _____			
Grant Type/Name/Number: _____			

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

(1) Use \$11.68 / hour for volunteered time and effort.

(2) Exclude payments to the Colorado State Forest Service for services related to this project.

(3) Exclude all federal source funds related to this project.

(4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Therese Glowacki Date: 9/14/05
Name / Title: Therese Glowacki, Manager, Resource Management DivisionAddress: PO Box 971City: BoulderCounty: BoulderState: CO Zip: 80306

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS District Office

	7/5/2005	7/6/2005	7/7/2005	7/11/2005	7/12/2005	7/13/2005	7/14/2005	7/20/2005	7/27/2005	8/1/2005	8/3/2005	8/4/2005
Jesse	7.75	7	7.5	6.75	6.75	6.75	0	0	7.75	7	7	6.25
Sergio	0	7	7.5	6.75	6.75	6.75	7.5	9.25	7.75	7	7	6.25
John	7.75	7	0	6.75	6.75	6.75	7.5	9.25	7.75	7	7	6.25
Tim S.	7.75	7	7.5	6.75	6.75	6.75	7.5	9.25	7.75	7	7	6.25
Tim W.	7.75	7	7.5	6.75	6.75	6.75	7.5	9.25	7.75	7	7	6.25
Travis		7										
Malachi	0	7	7.5	6.75								
Daily												
Total	31	49	37.5	40.5	33.75	33.75	30	37	38.75	35	35	31.25
Grand												
Total:	432.5											

I subtrated 90 minutes for drive time and gearing up per person per day.

COOPERATIVE EXPENDITURE REPORTReport Period: January 1, 2005 through September 1, 2005Summary of expenditures incurred by: Boulder County Wildfire Mitigation Group / Land Use Department

for the purpose of: Front Range Fuels Treatment (FRFTP) – Betasso Fuel Break
 (Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	20 hrs x \$15.50/hr		\$310.00
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)			\$310.00

GRANT AMOUNT (awarded through CSFS, *if applicable*): _____

Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) – Betasso Fuel Break

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Cooperator Signature: _____ Date: 1 September 2005Name / Title: Eric Philips, Wildfire Mitigation CoordinatorAddress: P.O. Box 471 13th and Spruce StreetsCity: Boulder County: Boulder State: CO Zip: 80306

CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

**Boulder County Parks and Open Space Forestry Division
Fuels Treatment Accounting for Betasso Reserve 2005**

Betasso Preserve Fire Mitigation Expenses Water Plant Egress Unit 14 Acres April - July 2005

		rate/hr	hr/day	# days	Total Cost
Personnel	1	\$12.00	9	12	\$1,296.00
	1	\$20.00	9	12	\$2,160.00
	1	\$20.00	9	20	\$3,600.00
Volunteers	12	\$11.68	8	21	\$23,546.88
	10	\$11.68	8	19	\$17,753.60
	10	\$11.68	8	9	\$8,409.60
Operations					
Caterpillar 277	1	\$90.00	9	20	\$16,200.00
Total					\$74,262.08

Betasso Preserve Fire Mitigation Expenses Stand 1Unit A 12 Acres October 2005

	rate/hr	hr/day	# days	Total Cost
Personnel	1 \$12.00		9 8	\$864.00
	1 \$20.00		9 8	\$1,440.00
Operations				
Caterpillar 277	1 \$90.00		9 8	\$6,480.00
			Total	\$8,784.00

COOPERATIVE EXPENDITURE REPORTReport Period; January 1, 2005 through September 1, 2005Summary of expenditures incurred by: Boulder County Wildfire Mitigation Group / Land Use Department

for the purpose of: Front Range Fuels Treatment (FRFTP) – Four Mile Fuel Break
 (Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development;
 Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels
 Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	8.5 hrs x \$15.50/hr		\$131.75
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)			\$131.75

GRANT AMOUNT (awarded through CSFS, *if applicable*): _____

Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) – Four Mile Fuel Break

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for **six (6) years**.

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CSFS Signature/Title: _____

CSFS District Signature: _____

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

BETASSO PROJECT

Date	Hours	Description
1/27/05	0.5	Meeting w/ CSFS – Projects
3/31/05	0.5	Meeting w/ CSFS – Betasso project
4/12/05	0.5	Meeting w/ BCPOS
4/15/05	3.0	FSI w/ Bob
4/19/05	0.5	Meeting w/ BCPOS
4/25/05	0.5	Meeting w/ BCPOS
4/26/05	1.5	Project tour w/ CSFS/BCPOS & tree marking
5/5/05	3.0	FSI w/ Bob & Eric
6/8/05	3.0	Project tour w/ CSFS/BCPOS & YSC team leaders
6/9/05	0.5	Meeting w/ CSFS/BCPOS – Projects
6/30/05	0.5	Meeting w/ CSFS/BCPOS – Projects
7/12/05	0.5	Meeting w/ CSFS/BCPOS – Projects
7/14/05	2.0	Project marking w/ CSFS
7/26/05	2.5	Workday w/ BCPOS & YSC
8/23/05	1.0	Project status check
TOTAL	20	

FOUR MILE PROJECT

Date	Hours	Description
1/27/05	0.5	Meeting w/ CSFS – Projects
3/30/05	4.0	Project marking w/ CSFS
3/31/05	0.5	Meeting w/ CSFS – Four mile escape route project
4/26/05	1.5	Project tour w/ CSFS & tree marking
6/9/05	0.5	Meeting w/ CSFS – Projects
6/30/05	0.5	Meeting w/ CSFS – Projects
7/12/05	0.5	Meeting w/ CSFS – Projects
8/23/05	0.5	Project status check
TOTAL	8.5	

JAMESTOWN PROJECT

Date	Hours	Description
1/24/05	1.0	Meeting w/ YSC/CSFS – Grant admin
1/27/05	0.5	Meeting w/ CSFS/BCPOS – Projects
2/25/05	2.0	Meeting w/ CSFS/BCPOS – YSC/NCCC
3/7/05	0.5	Meeting w/ town of Jamestown – Projects
3/8/05	0.5	Meeting w/ CSFS/BCPOS – Project Leader
3/11/05	1.0	Meeting w/ BCPOS – YSC/NCCC
3/22/05	0.5	Meeting w/ BCPOS – YSC/NCCC
3/31/05	2.0	Meeting w/ CSFS – Jamestown project
4/1/05	4.0	Meeting w/ town of Jamestown & project marking
4/4/05	0.5	Meeting w/ town of Jamestown
4/12/05	0.5	Meeting w/ YSC
4/25/05	2.0	Paperwork for YSC/order supplies
4/26/05	2.0	Meeting w/ CSFS
5/06/05	0.5	Meeting w/ CSFS/BCPOS – Project Leader
6/8/05	3.0	Project tour w/ CSFS/BCPOS & YSC team leaders
6/9/05	1.0	Meeting w/ CSFS/BCPOS – Project Leader
6/21/05	6.0	Project tour w/ CSFS/BCPOS & YSC team
6/30/05	3.0	Workday w/ BCPOS & YSC
7/12/05	0.5	Meeting w/ CSFS/BCPOS – Projects
7/26/05	0.5	Meeting w/ CSFS/BCPOS – Jamestown project
8/9/05	0.5	Meeting w/ CSFS/BCPOS – Jamestown project
8/11/05	2.0	YSC picnic
8/18/05	3.0	Meeting w/ town of Jamestown/CSFS/BCPOS – Projects
TOTAL	37	



**Administrative Services
Financial Services Division
PO Box 471
Boulder CO 80306**

**Boulder County
Financial Services Division - A/R
PO Box 471
Boulder CO 80306**

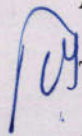


Parks and Open Space Department

Administrative Office: 2045 13th Street • Boulder, Colorado 80302 • (303) 441-3950 • Fax: (303) 441-4594
Fairgrounds: 9595 Nelson Road • Longmont, Colorado 80501 • (303) 678-6235/441-3927

MEMO

TO: Alan Owen, Colorado State Forest Service

FROM:  Therese Glowacki, Resource Manager, Parks and Open Space Department

DATE: September 8, 2005

SUBJECT: Colorado State Forest Service Collaboration at Betasso Preserve

Boulder County Parks and Open Space requests a financial contribution from Colorado State Forest Service (CSFS) on a cooperative forest fire mitigation project between Parks and Open Space, the CSFS and the City of Boulder Water Treatment Plant. The CSFS, County Parks and Open Space Department and the City of Boulder have committed money for projects in the Betasso Water Treatment Plant and Betasso Preserve area over the last year. This summer alone, Parks and Open Space with cooperation from Boulder County's Workforce Community Corps and Youth Corps thinned 13 acres with Boulder County contributing significant personnel, equipment and volunteer time to the effort. Attached is a spreadsheet of both the spring and fall efforts on Betasso Preserve.

The new target area will be 12 acres on Boulder County Property adjacent to the City of Boulder's Water Treatment Plant and nearby private residences. Fire mitigation and forest restoration will be conducted by Boulder County in collaboration with Americorps. Parks and Open Space would like to request support from CSFS to extend a seasonal employee and pay for equipment use for implementation of this forest fire mitigation project. Parks and Open Space requests CSFS to contribute \$7000 for the work at this time. Parks and Open Space will cover any additional costs and manage the project on the ground.

Thank you for your consideration of this cooperative project.

**REMIT TO:**

BOULDER COUNTY FINANCE DIVISION
PO BOX 471
BOULDER CO 80306

Invoice	
NUMBER 28272	
DATE 23-SEP-05	PAGE 1 of 1
CUSTOMER # 1124	SITE LONGMONT (

BILL TO:

Attn: Accounts Payable
COLORADO STATE FOREST SERVICE
C/O ALAN OWEN
5625 UTE HWY
LONGMONT CO 80503-9130

SHIP TO:

COLORADO STATE FOREST SERVICE
C/O ALAN OWEN
5625 UTE HWY
LONGMONT CO 80503-9130

TERMS		DUE DATE	FUND
IMMEDIATE		23-SEP-05	026-Open Space

ITEM NO.	Invoice	QUANTITY	UNIT PRICE	EXTENDED AMOUNT
1	COLLABORATION AT BETASSO PRESERVE MITIGATION PROJECT AT THE WATER TREATMENT PLANT (026.6306.5307.800120.003)	1 1	7,000.00	7,000.00

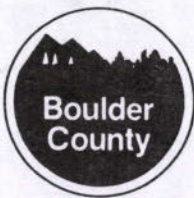
SUBTOTAL	TAX	SHIPPING & HANDLING	TOTAL
7,000.00	0.00	0.00	7,000.00
Currency: USD			

WHITE - ORIGINAL

YELLOW - REMITTANCE

ORCHID - FINANCE

BLUE - DEPARTMENT



REMIT TO: BOULDER COUNTY FINANCE DIVISION
PO BOX 471
BOULDER CO 80306

Invoice	
NUMBER 27800	
DATE 17-MAY-05	PAGE 1 of 1
CUSTOMER # 1124	SITE LONGMONT (

BILL TO: Attn: Accounts Payable
COLORADO STATE FOREST SERVICE
C/O ALAN OWEN
5625 UTE HWY
LONGMONT CO 80503-9130

SHIP TO: COLORADO STATE FOREST SERVICE
C/O ALAN OWEN
5625 UTE HWY
LONGMONT CO 80503-9130

TERMS	DUE DATE	FUND
IMMEDIATE	17-MAY-05	026-Open Space

ITEM NO.	Invoice	QUANTITY	UNIT PRICE	EXTENDED AMOUNT
1	POS/1ST QUARTER WILDFIRE MITIGATION PROJECTS IN JAMESTOWN (026.6306.5307.800408) BLUE JAY MINE (CORRECTED INVOICE - REPLACES #27707, CREDITED BY #27798)	1 1	3,000.00	3,000.00

SUBTOTAL	TAX	SHIPPING & HANDLING	TOTAL
3,000.00	0.00	0.00	3,000.00 Currency: USD

WHITE - ORIGINAL

YELLOW - REMITTANCE

ORCHID - FINANCE

BLUE - DEPARTMENT



Boulder County Parks and Open Space
Betasso Preserve Forestry Management Prescriptions 2005

Fire Mitigation Unit Betasso Water Treatment Plant Access/Egress Route- Ponderosa Pine

13 ACRES- T 1N R 71W elev. 6500 feet

Management Objectives for Fire Mitigation Unit BWT Access/Egress – See Maps

- Reduce impact of a catastrophic wildfire event on the access and egress route to the Betasso Water Treatment Plant and reduce risk to emergency services and plant personnel during evacuation or fire fighting operations.
- Protection of the forest, wildlife, watershed and all resources in the vicinity.
- Generate an East-West fuel break connecting unit to advantageous surrounding topography.
- Forest ecosystem health improvement fostering increased resistance to insect and disease epidemics, increased species diversity in the under story and continue to improve the growth potential of this stand.
- Maintain and increase the quality of wildlife habitat throughout the entire site.

Present Condition of Fire Mitigation Unit BWT Access/Egress - See Maps

This unit is situated on steep to very steep south aspect and is long and narrow paralleling the road. The site index is good to fair with well-drained loamy soils. Forest Stand Improvement (FSI) thinning took place approximately 30 years before present, and the area is now overgrown and tree crowding is significant due to fire suppression and absence of prescribed fire. The unit in many locations is comprised of dominant crown cover of fully mature ponderosa pine cohorts in the 18"-24" dbh class with a secondary intermediate crown cover of ponderosa pine in the 11" – 18" dbh class and a tertiary suppressed crown cover made up of regeneration to 11" dbh ponderosa pine. Dwarf mistletoe infestation was observed to be moderate to severe in the intermediate and suppressed crown covers. Ground cover consists of primarily duff in areas where all three crown types exist. In areas that are open or only have dominant trees, ground cover transitions into short-grass prairie species.

Recommendations

Treatment direction should be towards an uneven-aged stand management as a shaded fuel break. Each crown layer should be preserved, while reducing overall basal area and spacing between individuals in all diameter classes. Mechanical treatment should include tree group-selection and single-tree selection as needed. General spacing guidelines should be specified as 25-30 foot bole spacing while leaving the best tree available. The unit will be Individual Tree Marked (ITM) with take trees delineated with a blue dot at dbh.

Prescriptions for Fire Mitigation Unit BWT Access/Egress

- Thin from below with recommended spacing, favoring ponderosa pines generally.
- Selective removal of PP groups especially with DM infestation.
- Opening of some pure meadow areas for clean PP recruitment and DM barrier, wildlife usage and mosaic development of habitat
- Selective thinning of regeneration to alleviate ladder fuels

June WFBC

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
			1 Betasso Preserve- Forest Stand Improvement	2 Betasso Preserve- Forest Stand Improvement	3	4
5	6 Betasso Preserve- Forest Stand Improvement	7 Betasso Preserve- Forest Stand Improvement	8 WMD Exercise w/ SO @ Cemex	9 WMD Exercise w/ SO @ Cemex	10	11
12	13 MPB- Caribou	14 MPB- Caribou SG/NS	15 PACK TEST MPB- Caribou SG/NS Forest Management Training- CJ/EF	16 Betasso Preserve- FSI- EF Blue Jay Marking- ZP/CJ/SG/NS/Bob	17 Blue Jay FSI Cutting- EF/CJ/ZP/SG/NS	18
19	20 Betasso Preserve- FSI- WFBC/ EF Blue Jay FSI w/ Forestry Staff Cutting	21 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	22 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	23 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	24	25
26	27 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	28 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay FSI- w/ LU YSC/ Forestry Staff Cutting	29 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	30 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC		

2005

July WFBC

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
					1	2
3	4 HOLIDAY OFF	5 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay FSI- w/ LU YSC/ Forestry Staff Cutting	6 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	7 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	8	9
10	11 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	12 Betasso Preserve- FSI- WFBC w/ POS YSC/EF Blue Jay FSI- w/ LU YSC/ Forestry Staff Cutting	13 HVR FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	14 HVR FSI- WFBC w/ POS YSC/EF Blue Jay- SG w/ LU YSC	15	16
17	18 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	19 Jamestown Prop. FSI- WFBC/ EF Blue Jay FSI- w/ LU YSC/ Forestry Staff Cutting POS YSC- WR Chipping w/ NS	20 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	21 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	22	23
24	25 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	26 Jamestown Prop. FSI- WFBC/ EF Blue Jay FSI- w/ LU YSC/ Forestry Staff Cutting POS YSC- WR Chipping w/ NS	27 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	28 Jamestown Prop. FSI- WFBC/ EF Blue Jay- SG w/ LU YSC POS YSC- WR Chipping w/ NS	29	30
31						

2005

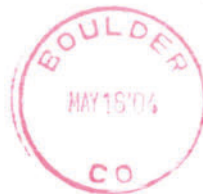
August WFBC

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
	1 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	2 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	3 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	4 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	5	6
7	8 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	9 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC	10 Jamestown Prop. FSI- WFBC w/ POS YSC/ EF Blue Jay- SG w/ LU YSC YSC LAST DAY	11 Jamestown Prop. FSI- WFBC YSC- Picnic w/ Forestry Staff	12	13
14	15 Jamestown Prop. FSI- WFBC w/ SG	16 Jamestown Prop. FSI- WFBC w/ SG	17 Jamestown Prop. FSI- WFBC w/ SG	18 Jamestown Prop. FSI- WFBC w/ SG	19	20
21	22 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	23 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	24 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	25 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	26	27
28	29 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	30 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed	31 Wrap Up FSI Activities- Blue Jay/Jimtown/WR/ HVR as Needed			

2005

CITY OF BOULDER, COLORADO

DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION DIVISION
1739 BROADWAY
P.O. BOX 791
BOULDER, COLORADO 80306-0791



Colorado State Forest
Service
Attn: Bob Bundy
5625 Ute Highway
Longmont, CO
80503-9130

80503+9130 03





CITY
OF
BOULDER

Utilities Division
P.O. Box 791
1739 Broadway
Boulder CO 80306-0791
303-441-3266

May 17, 2004

Colorado State Forest Service
Attn: Bob Bundy
5625 Ute Highway
Longmont, CO 80503-9130

Dear Bob,

Enclosed is an original signed copy of the "Scope of work: Catastrophic Fire Risk Reduction and Restoration Thinning Project" for the Betasso Water Treatment Plant. There is a signature line for the Colorado State Forest Service representative on the document if needed. Please return a fully executed original to:

City of Boulder
Attn: Joanna Stansbury
1739 Broadway, PO Box 791
Boulder, Co 80306

Thank you,

Joanna M. Stansbury
Water Resource Specialist
City of Boulder

SCOPE OF WORK
Catastrophic Fire Risk Reduction & Restoration Thinning Project
Betasso Water Treatment Plant
City of Boulder Utilities Division

Purpose:

The project has several objectives:

- Develop "restored" ponderosa pine forest conditions.
- Reduce wildfire hazards by reducing tree densities, removal of ladder fuels, and modifying stand structure. Develop a much more open, "clumpy" stand character
- Reduce wildfire hazards around a City of Boulder water treatment plant and hydroelectric station and nearby privately owned structures.
- Create a treatment area benefiting Boulder County residents from the threat of a large scale devastating crown fire.
- Reduce future fuel loadings to reduce fire hazard
- Reduce the threat of insect and disease attacks to the trees in the area.

General Description of Work:

Work will be performed to produce results similar to those discussed with the City of Boulder Mitigation Crew during a site visit. Work involves thinning a "doghair" ponderosa pine stand to create an open and more fire resistant stand. The goal is to create a stand with less than 40% canopy closure and an average 15 foot crown spacing between trees and clumps of trees. Thinning in the stand will be done by prescription and will follow the example marking that has been completed within the project area. Trees marked with blue paint should be cut and removed.

Legal Description: A portion of the western half of section 34 of Township 1 North, Range 71 West in Boulder County, Colorado

Parcel Numbers: 146133000008, 146134000006, 146134000008, 146134000018

County: Boulder, CO

Size of Practice: 91 acres

Species: Mostly ponderosa pine with very few Douglas fir and juniper

Estimated Duration: 2 years

Unit Description:

The Treatment Unit is located east of Sugarloaf Road, West of Fourmile Canyon, and just north of Boulder Canyon. The stand can be most easily accessed from Boulder by taking Colorado Highway 119 west to Sugarloaf Road, Sugarloaf Road north to Betasso Road, and Betasso Road east until it dead ends into the water treatment plant. This unit is approximately 91 acres on a primarily south facing slope and is owned by the city of Boulder Water Utility. Slopes are generally in the range of 30 to 50%. Boundaries have been identified on the north, west, and south. The boundary on the north is marked with a fence dividing city and county land. The project boundary on the west has been identified as the bottom of a gully near the north end and a recreational trail near the south end. There is a small extension to the property on the southwest corner which is divided from its neighboring properties with a fence. The boundary on the south edge consists of Colorado Highway 119. The eastern edge of the project area will be identified and flagged as the mitigation crew approaches work on that end.

Project Schedule:

The city will begin work on the project March 16, 2004 and is able to request reimbursement up to December 31, 2005 unless a special extension is granted. Work will proceed as agreed to by the City of Boulder Utilities representative, City of Boulder Mitigation Crew representative, and CSFS grant administrator with all work occurring to specifications throughout the identified area.

Prescription/Target Stand:

The goal of treatment on this land is to mitigate fire danger to the water treatment plant, hydroelectric plant, and communities on the east, north, and west. An additional benefit of this project is to extend a landscape scale fuel break, while taking advantage of the readiness of the landowner by expanding the width of the treatment. The treatment of this block of land will help to protect communities to the northeast from the devastation of a large scale crown fire. The project will also improve overall forest health within the treatment area.

The stand consists mostly of ponderosa pine with very few Douglas fir and juniper. The stand should be thinned to a basal area of 30 – 60 square ft per acre with an average overall spacing of 15' between crowns and a canopy closure of around 40%. When clumps of trees are left, a distance of greater than 15 feet will exist between the clump and the crowns of surrounding trees. All trees in the treatment area will have the ladder fuels pruned to 8 feet from the ground. Up to five snags per acre may be left for wildlife habitat. The snags should be larger (6 inches or more) in diameter and should be spaced 15 feet from the crowns of surrounding trees. Preference should be given to snags with existing cavities or burn scars, where feasible.

"Yellow bark" ponderosa pines should be retained as much as possible. Emphasis is to retain and manage pine in excess of 6 inches in diameter. Removal of as much of the Douglas-fir and juniper as possible is desired as is development of an uneven-age and diverse size structure in the pine. Stand structure is to eventually be comprised of even-aged groups of trees that vary widely in size and shape. Individual tree groups will, in turn, be of different age and tree sizes. Often two, three and sometimes more age/size groups will be represented in a stand. From this standpoint, the stand will be considered uneven-aged.

The long-term management emphasis will be uneven-aged with vertical and horizontal diversity more like pre-1870 stand conditions (approximately forty to fifty trees per acre, clumped, mostly larger diameters, with two or more snags/acre).

The ideal forest condition should also allow the potential for a ground fire to safely move along the forest floor with minimal torching and without moving along the crowns of the trees. This condition will also allow for the City of Boulder, partnering fire districts, and land management agencies to conduct a controlled broadcast burn.

Removable materials and slash:

Any income from the product removed will be negotiated between the Colorado State Forest Service and City of Boulder to assist in covering the project costs of each agency. The objective of slash and materials treatment is to remove enough slash to reduce fuels buildup to an acceptable level, yet leave enough on site for future soil development, and effective ground cover to be scattered over skid trails and disturbed areas. The mitigation crew should also consider the possibility of conducting a broadcast burn on the site as the cutting portion of the project is

completed. Therefore, any associated measures that prove to be necessary in order to accomplish a controlled burn may be implemented.

There are currently five options for treatment with the materials resulting from thinning.

- 1) Merchantable Timber - Any high quality straight timber that is 100" long and is at least 4 inches in diameter may be skidded to an isolated pile. There is a possibility of selling or giving this usable timber to a private post and pole business.
- 2) Firewood - Additional larger diameter (4 or more inches) wood may be set aside for firewood. This firewood may be given or sold to the public.
- 3) Chipping/Biomass Utilization - A majority of the slash created will be piled and will most likely be used for chips for the generation of power for the Nederland Community Center. There is also potential to set aside a roll-off trailer to collect slash or chips. The roll-off trailer will be set in a location which has already been determined. Landing piles shall be composed only of the slash produced from the trees cut and will not include any dirt, rocks, metal, or trash. Additional or leftover wood chips may be spread or broadcast back on the work site to a maximum height of 4" to ensure proper decomposition and nitrogen recycling.
- 4) Hand Piling - Any slash not chipped or hauled off can be piled for burning in the winter months. Piles should be located in clearings where possible and away from power lines, trails, roads, and homes. The piles should have a minimum of height of four feet and width of four feet. The piles should be as compact as possible so as not to topple and to prevent snow from entering and encourage easier combustion.
- 5) Lop and Scatter - Small amounts of slash may be left on the forest floor. Scattered slash should not exceed twelve inches in depth, six feet in length, or cover more than 50% of the ground in a discontinuous pattern. The slash should not form piles unless purposely set up as a slash burning pile developed to the correct specifications.

Insect and Disease:

Some of the ponderosa pine has been infected with dwarf mistletoe (DMT). A few of the trees have suffered from mountain pine beetle (MPB) infestation. DMT infected trees with an average Hawkworth rating of 3 or higher will be removed. Aggressive treatment of DMT infected trees will prove beneficial to slowing or stopping its rate of spread. Trees with MPB infestation will be cut down then burned, chipped, debarked, or will undergo solar treatment. When the forest stand is treated, it will result in less tree competition, thus improving the health and vigor of the remaining trees.

Other Benefits:

Treatment of land within this project area will greatly benefit the fire protection of many communities. Four communities exist within a mile of the treatment area. The project is also located adjacent to the popular Betasso Preserve recreation site. This results in a high volume of tourist traffic and high human-caused ignition potential. Due to the high density of homes around this location, any treatment done to land in this area will lessen the fire threat to surrounding homes. This project is part of the first phase of a large scale fuels treatment area extending north and northwest. Work done within this project area will tie into a meadow and thinning on Boulder County Open Space to the north.

Payment Schedule:

Requests for payment are to be made on a reimbursement basis and may be made at any time after successful completion of 11 acres or \$11,000 worth of work. The grant administrator will then look over the work completed, request for payment, and attached in-kind documentation to approve reimbursement.

Reimbursement for completion of work on the project area will be given to a maximum of \$1,000 per acre up to \$33,000. By accepting the grant money the grantee agrees to complete at least 66 acres of treatment within the unit and will submit a final report signifying the acres completed, amount of grant money used, and records of in-kind contribution. Eligible reimbursement requests can be made for hours spent thinning, pruning, hauling, burning, chipping, or piling trees or tree debris and on direct project management. Requests for funding can also include costs of minor equipment maintenance and equipment gasoline. All requests for funding will be reviewed and approved by the grant administrator.

Invoice shall be submitted to:

Bob Bundy

Front Range Fuels Treatment Partnership Forester

Colorado State Forest Service

5625 Ute Highway

Longmont, Colorado 80503

303-823-5774

303-823-5768 (Fax)

rbundy@lamar.colostate.edu

This document was created in order to list the terms and expectations of the project. Please sign the following to signify that you understand the terms of this grant.

DATED this 27 day of April, 2004.

CITY OF BOULDER, COLORADO

Robert E. Williams

City of Boulder Utilities Division Representative

Myrell

City of Boulder Mitigation Crew Representative

Colorado State Forest Service Representative

By: Frank Bruno

Frank Bruno
City Manager

ATTEST:

By: [Signature]

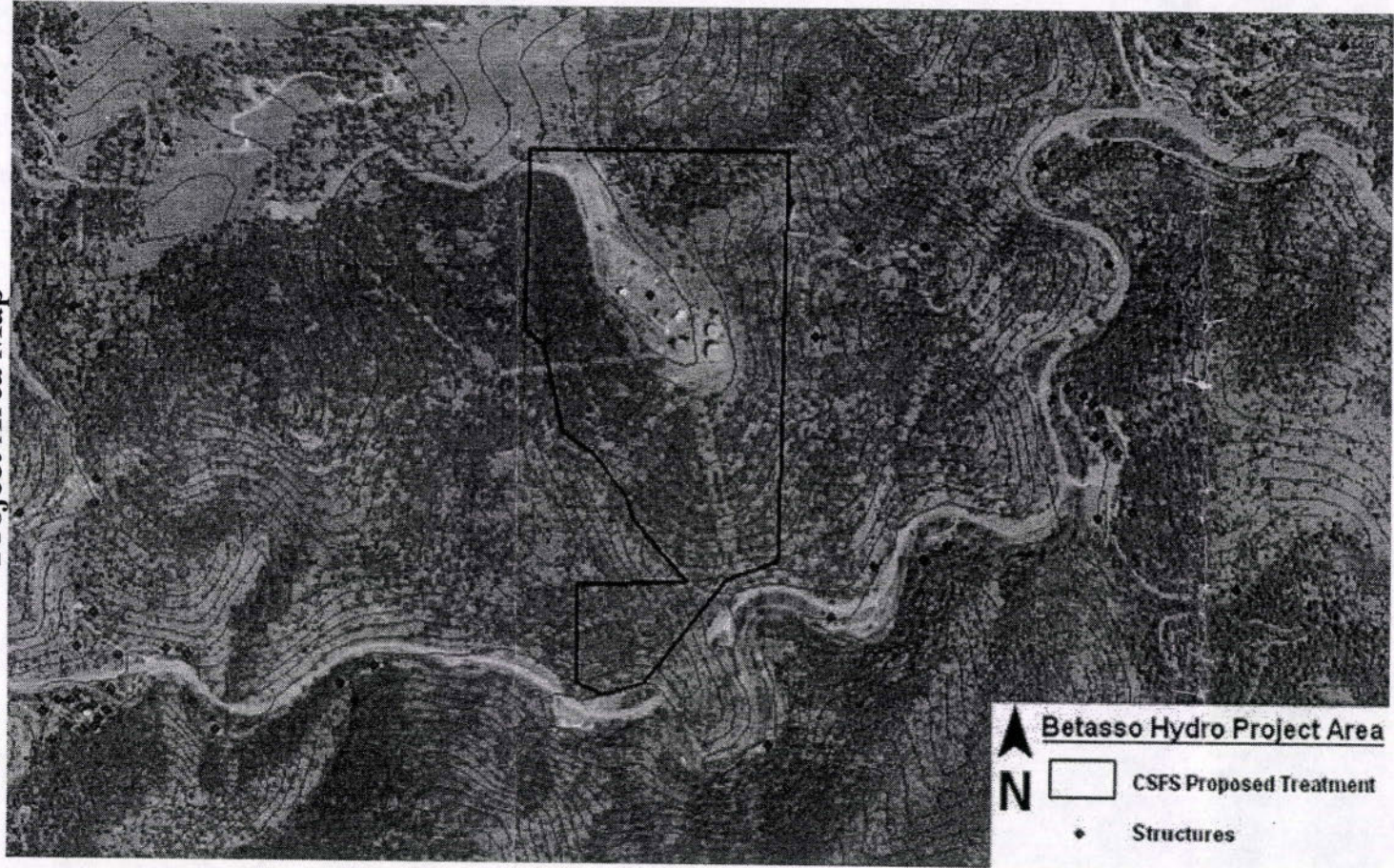
City Clerk

Approved as to form:

By: [Signature]

City Attorney

Project Area Map





LANDOWNER ASSISTANCE PROGRAMS APPLICATION FOR COST-SHARE

Form A

PROJECT NUMBER: Betasso Hydro
(For Official Use Only)

NAME: City of Boulder UtilitiesMAILING ADDRESS: 1739 Broadway, PO Box 791City: Boulder State: COZipcode: 80306TELEPHONE NO: (303) 441-3115PROJECT ADDRESS/LEGAL DESCRIPTION: T1N, R71W, Sec 34PRACTICES TO BE COMPLETED BY: 12-31-05

Date

Landowner and CSFS:

CSFS:

Practice No. & Component Title	Quantity Requested	Quantity Approved	Maximum C/S Amount Eligible	C/S Amount Requested	C/S Amount Approved
Forest Stand Improvement	40 acres	40 acres	\$500 / acre	\$20,000	\$20,000
Tree Pruning/Limbing	40 acres	40 acres	\$75 / acre	\$3,000	\$3,000
Slash Treatment (chip/haul)	30 acres	30 acres	\$300 / acre	\$9,000	\$9,000
Slash Treatment (burning)	10 acres	10 acres	\$100 / acre	\$1,000	\$1,000

Total: \$33,000

Request for cost-share assistance under the LOA program is to meet the objective stated in the management plan. One practice per application is allowed. If cost-sharing is approved for the practice requested, I agree to cover expenses at the time of implementation, knowing I will be receiving cost-share funds not exceeding 50% of actual cost. **I understand that I will not be reimbursed for any expenses incurred prior to approval of my application.** Work must be completed according to approved plan and application, and must meet the standard set for each component. For FLEP, practices must be maintained for a minimum of 10 years. There are no partial payments for FLEP or without prior approval.

As a cooperator, I certify by signing below that neither I nor any principals represented herein are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency. I also agree to immediately provide an update to the Colorado State Forest Service in the event this status changes.

LANDOWNER SIGNATURE: Joanna M Stansbury **DATE:** 4/1/04

To be completed by CSFS:

CSFS FIELD REVIEW SIGNATURE: Robert A. Bunder **DATE:** 4-1-04
(Additional USFWS guidelines addressed)

PROGRAM: FRFTP*See Form E for list of current LOA programs.*

C/S APPROVED: Robert A. Bunder **AMOUNT:** \$33,000 **DATE:** 4-1-04

Program eligibility is without regard to race, color, religion, national origin, age, gender, sexual orientation, veteran status or disability. For more information contact your local Colorado State Forest Service District Office.

LICENSE TO ENTER UPON LAND AND RELEASE OF LIABILITY

THIS LICENSE TO ENTER UPON LAND AND RELEASE OF LIABILITY is an agreement entered into by and between City of Boulder Utilities (Licensor) and the Board of Governors of the Colorado State University System, acting by and through Colorado State University for the Colorado State Forest Service (hereinafter referred to as "CSFS").

WHEREAS, CSFS has requested access to and the right to enter upon the land described herein below (the "Property"), for the purposes described below that are related to the CSFS's mission; and

WHEREAS, Licensor is the owner of the Property, or of the current right to occupancy thereof, and has the right to grant a license to enter upon the Property for the purposes described herein, and desires to grant such right to CSFS upon the terms and conditions set forth in this Agreement;

NOW, therefore, in consideration of the mutual promises and covenants contained herein, receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows.

A. License Grant. The Licensor grants to CSFS, its employees and authorized volunteers, contractors and subcontractors, acting within the scope of their employment or contract (collectively, the "Licensees"), a non-exclusive, paid-up license to enter upon the Property during the term hereof, without prior notice, for the purposes described below. Licensor may revoke such license at any time by written notice to CSFS in accordance with the Notice provisions herein. Said license is subject to the following terms and conditions:

1. Description of Property. This License concerns the following Property: [enter street address and/or legal description of property to be accessed; attach map if possible]
1094 Betasso Road; Boulder, CO 80302
Legal: A portion of the western half of section 34 of T1N, R71W (Boulder County, CO)
2. Effective Dates. This License shall be effective beginning on [date] March 16, 2004 and shall terminate on [date] December 31, 2005. The parties may by mutual agreement extend the term of this License as necessary to permit the purposes and activities for which it is granted to be completed.
3. Purpose. This agreement applies to CSFS for the purpose of conducting the following activities (check all that apply)
 - ☒ to cut timber as a fire mitigation measure and to remove the downed timber from the Property;
 - ☒ to conduct a timber sale on the property, collect and retain all proceeds, and remove any unsold materials; (sell posts & firewood and remove chips)
 - ☐ to perform the following other activities: _____
4. License Fee. Licensee shall pay a fee to Licensor in the amount of \$ 1⁰⁰ for the entire term of this License. Payment shall be remitted within 30 days after the effective date hereof.

B. Release of Liability. CSFS hereby releases the Licensor from all liability or responsibility for injury that the Licensees, or any of them, may suffer as a result of or in connection with his/her entering upon the Property (except for injuries caused by the gross negligence or intentional acts of the Licensor). Licensor hereby releases the Licensees, and any of them, from any and all liability or responsibility for injuries caused to the Property as a result of the activities allowed under this License (except for injuries caused by the gross negligence or intentional acts of a Licensee, but as to

such injuries, nothing herein shall be construed or applied as a waiver of any immunity provided by law). The Parties understand and agree that the liability of the State of Colorado and CSFS is at all times herein governed and controlled by the Governmental Immunity Act, C.R.S. sections 24-10-101, et seq., as now or hereafter amended).

C. Additional Terms and Conditions.

1. **Notices.** All notices required to be given under this License shall be deemed given when actually delivered to the designated representative(s) of the party to be given notice by (i) certified mail, return receipt; or (ii) by hand delivery or courier service, if a signed receipt is obtained upon delivery; or (iii) by facsimile transmission, if confirmation of receipt of the transmission is obtained. A party may change its designated representative(s) or address at any time by written notice in the same manner as for any other notice. The initial representatives of the parties shall be the persons whose names and addresses are:

CSFS:

Colorado State Forest Service
Office of the Director
Attn: Tom Wardle
203 Forestry Bldg.
5060 Campus Delivery
Fort Collins, CO 80523-5060

LICENSOR:

City of Boulder
attn: Carol Ellinghouse
1739 Broadway
PO Box 791
Boulder, CO 80306

With a copy to:

Contracts Manager
309 Administration Bldg.
6001 Campus Delivery
Fort Collins, CO 80523-6001

2. **Non-Assignment.** Except as specifically permitted under section A herein above, CSFS shall not transfer, assign, or otherwise convey the rights granted in this agreement to any other person or party without the express prior written consent of the Licensor(s). Any such conveyance in violation of this paragraph shall be null and void.
3. **Legal Authority.** The Licensor warrants he/she/it possesses the legal authority to enter into this License and has taken all actions required by its procedures, bylaws, and/or applicable law to exercise that authority, and to lawfully authorize its undersigned signatory to execute this License and to bind the Licensor to its terms. The person(s) executing this License on behalf of the Licensor warrant(s) that such person(s) have full authorization to execute this License.
4. **Non-Assignment.** Licensor shall not assign or sublicense any of its obligations under this License without the advance written consent of University. Any unauthorized assignment shall be void. University shall have the right, but not the obligation to terminate this License, without waiver of any other right or remedy, upon notice of Licensor's assignment or sublicense in violation of this section.
5. **Binding effect.** This License is binding upon the heirs, personal representatives, successors, and permitted assigns of both parties.

6. **Entire Agreement.** This License including the exhibits incorporated herein by reference constitutes the entire agreement between the parties, and supersedes any previous contracts, understandings, or agreements of the parties, whether verbal or written, concerning the subject matter of this License.
7. **Amendment.** No modification or amendment to this License shall be valid unless it is made in a writing signed by the authorized representatives of the parties.
8. **Waiver.** The waiver by either party of a breach or violation of any provision of this License shall not operate as or be construed to be a waiver of any subsequent breach of the same or other provision hereof.

THE PARTIES HERETO HAVE EXECUTED THIS CONTRACT

LICENSOR:

By: *[Signature]*

FRANK W. BRUNO
CITY MANAGER

SN
Print Name & Title

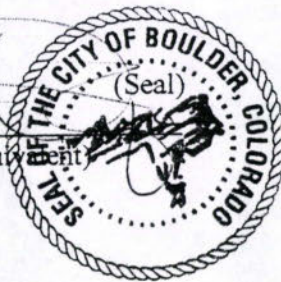
CORPORATIONS:

(A corporate seal or attestation is required.)

Attest

By *[Signature]*

(Corporate Secretary or Equivalent)



Board of Governors of the Colorado State
University System, acting by and through
Colorado State University:

By: *Dennis Shackelford*

Brian C. Chase
Director of Facilities

By: *Jim Hubbard*

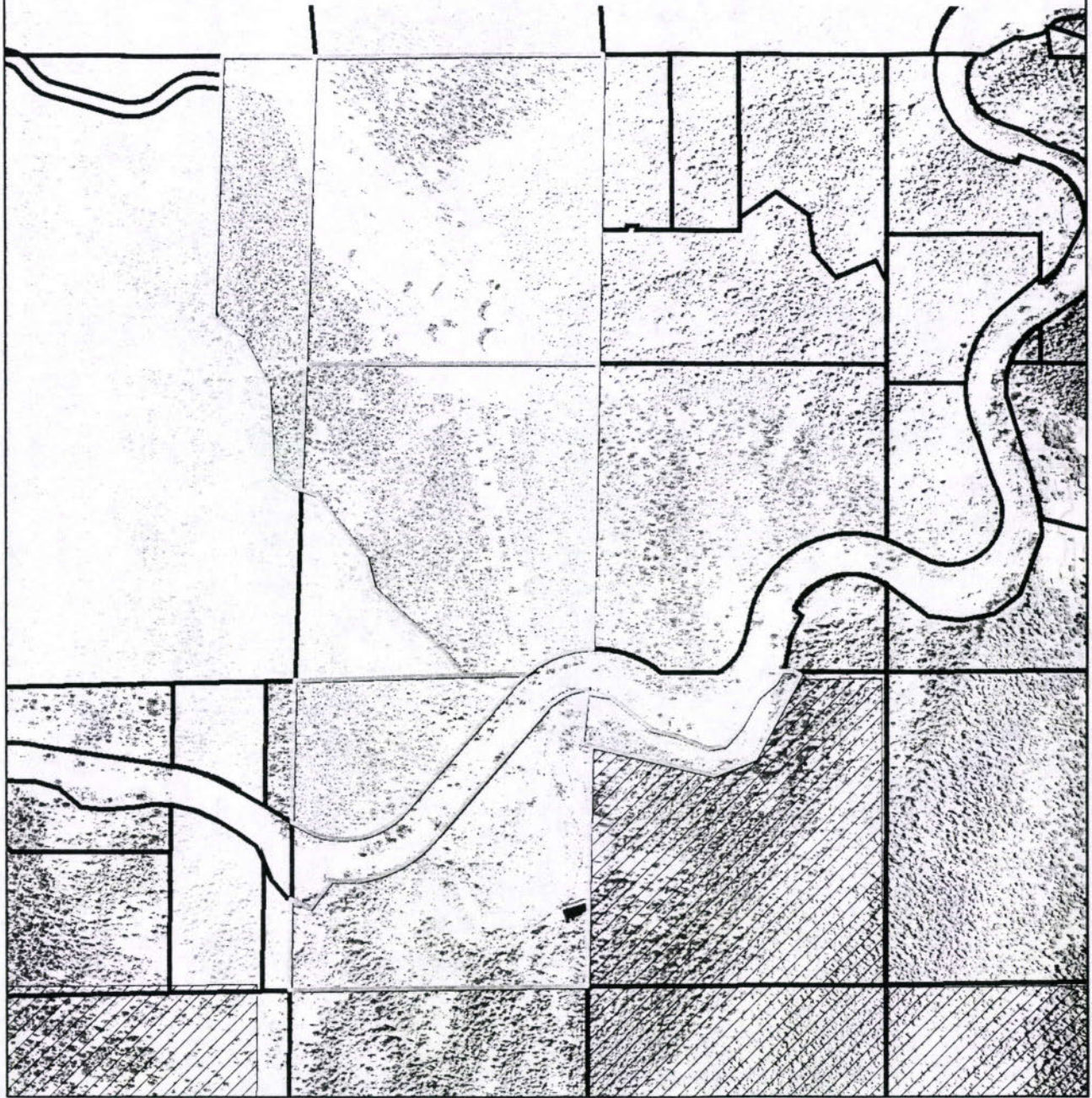
Jim Hubbard
Director, Colorado State Forest Service

APPROVED:







By: *Robert Schur*

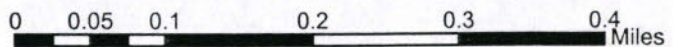
Robert Schur
University Contracts Manager

Fire Mitigation Parcels



Legend

-  Utilities owned lands- (outlined in black)
-  Ownership parcels
-  City of Boulder Open Space Properties
-  City of Boulder OSMP conservation easement
-  County Open Space
-  Boulder Canyon Hydro



City of Boulder Timesheet Summary Report 2

Pay Oca:343901

	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
	23-MAY-2004	Chambers Michael J	\$11.00	32	352	43.13	395.13
	06-JUN-2004			0	0	0	0
							395.13
	23-MAY-2004	Gonzales James T	\$11.00	0	0	0	0
	06-JUN-2004			10	110	14.78	124.78
							124.78
	23-MAY-2004	Heisick Daniel T	\$13.45	20	269	32.8	301.8
	06-JUN-2004			10	134.5	20.37	154.87
							456.67
	23-MAY-2004	James Brian D	\$11.00	20	220	29.94	249.94
	06-JUN-2004			10	110	14.78	124.78
							374.72
	23-MAY-2004	Nelson Randall G	\$11.00	10	110	15.04	125.04
	06-JUN-2004			10	110	15.05	125.05
							250.09
	23-MAY-2004	Oliver Brian C	\$15.00	25	375	44.82	419.82
	06-JUN-2004			10	150	24.11	174.11
							593.93
	23-MAY-2004	Watson Matthew S	\$11.00	20	220	29.15	249.15
	06-JUN-2004			10	110	14.98	124.98
							374.13
	23-MAY-2004	Weller James M	\$11.00	16	176	22.63	198.63
	06-JUN-2004			10	110	16.13	126.13
							324.76
						Sum 5-23-04	\$1,939.51
						Sum 6-6-04	\$954.70
						Sum Total	\$2,894.21

City of Boulder Timesheet Summary Report 3

Pay Oca:343901

	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
	6/20/2004	Chambers Michael J	\$11.00	5	55	7.44	62.44
							62.44
	6/20/2004	Gonzales James T	\$11.00	10	110	14.76	124.76
							124.76
	6/20/2004	Heisick Daniel T	\$13.45	10	134.5	18.15	152.65
							152.65
	6/20/2004	James Brian D	\$11.00	10	110	14.84	124.84
							124.84
	6/20/2004	Nelson Randall G	\$11.00	10	110	15.09	125.09
							125.09
	6/20/2004	Oliver Brian C	\$15.00	0	0	0	0
							0
	6/20/2004	Watson Matthew S	\$11.00	10	110	14.84	124.84
							124.84
	6/20/2004	Weller James M	\$11.00	10	110	14.77	124.77
							124.77
						Sum Total	\$839.39

ELECTRONIC PAYMENT INFORMATION REQUEST FORM
(Please use one form for EACH remittance address)

Vendor Name: City of Boulder - Utilities Division
Remit Address: 1139 Broadway, PO Box 791 Boulder, CO 80306
Name of Your Bank: Bank One

Bank Address: 1125 17th St. Denver, CO 80202

Bank Routing (ABA) Number: 102001017

Account Name: City of Boulder

Account Number: 106-0188875 Account Type (circle one): Checking OR Savings

Individual Authorized to Release this Information:

Name: Martha Gordan

Phone #: (303) 441-3119 Title: Financial Asst

Signature: M. Gordan

Your Company Contact:

Name: Joanna M Stansbury

Phone #: (303) 441-3115 Title: Water Resource Specialist

Method of Receiving Remittance Advice:

Please check one of the options below for the method of notification of payment.

If you are changing your remittance advice to the Addenda option, please check here _____

☒ Email: Stansburyj@ci.boulder.co.us
☐ FAX: () _____
☐ US Postal Service: Mailing Address: _____

☐ Addenda - Remittance Advice through your Bank (you will need to discuss how this electronic data is received by you with your bank)

City of Boulder Timesheet Summary Report							
Pay Oca	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
343901	25-Apr-04	Chambers Michael J	\$11.00	6.00	66.00	9.00	75.00
	9-May-04			25.00	275.00	37.56	312.56
							Sum: 387.56
	25-Apr-04	Gonzales James T	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			23.00	253.00	34.61	287.61
							Sum: 487.69
	25-Apr-04	Heisick Daniel T	\$13.45	16.00	215.20	29.43	244.63
	9-May-04			25.00	336.25	45.92	382.17
							Sum: 626.80
	9-May-04	James Brian D	\$11.00	25.00	275.00	37.56	312.56
							Sum: 312.56
	25-Apr-04	Nelson Randall G	\$11.00	5.00	55.00	7.52	62.52
	9-May-04			10.00	110.00	15.03	125.03
							Sum: 187.55
	25-Apr-04	Oliver Brian C	\$15.00	11.00	165.00	22.49	187.49
	9-May-04			25.00	375.00	51.21	426.21
							Sum: 613.70
	25-Apr-04	Watson Matthew S	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			25.00	275.00	37.58	312.58
							Sum: 512.66
	25-Apr-04	Weller James M	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			25.00	275.00	37.56	312.56
						Sum April 25, 2004	\$1,169.88
						Sum May 9, 2004	\$2,471.28
						Sum total	\$3,641.16

City of Boulder Timesheet Summary Report 5

Pay Oca:343901

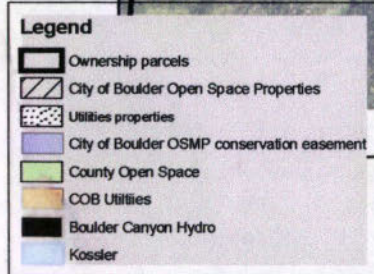
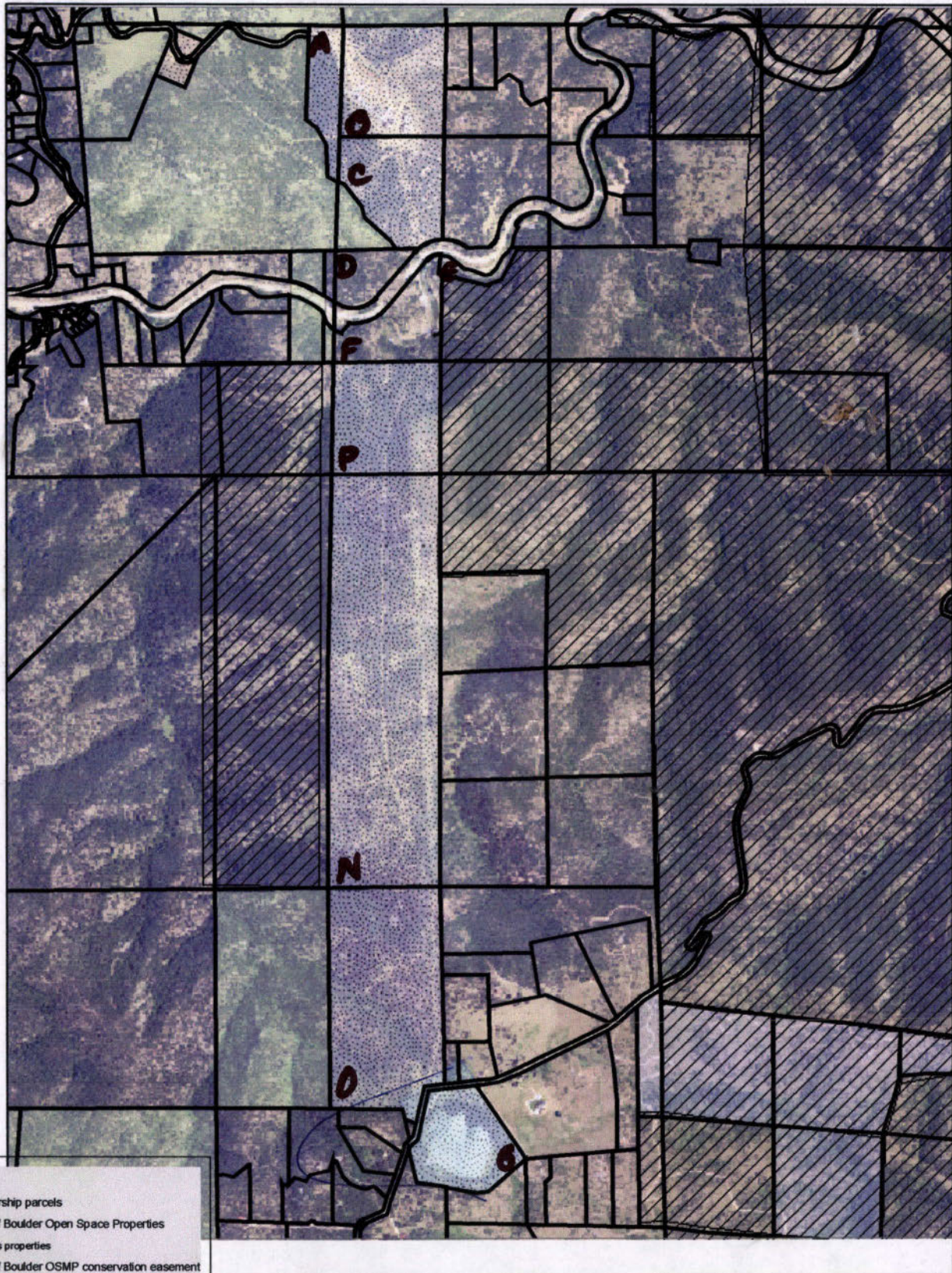
Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
08/29/04	Gonzales James T	\$11.00	60	660	90.28	750.28
08/29/04	Helsick Daniel T	\$13.45	30	403.5	55.2	458.7
08/29/04	James Brian D	\$11.00	50	550	75.23	625.23
08/29/04	Nelson Randall G	\$11.00	20	220	30.11	250.11
08/29/04	Oliver Brian C	\$15.00	60	900	121.19	1021.19
08/29/04	Watson Matthew S	\$11.00	60	660	88.75	748.75
Total for 8-29-04						3854.26

Catastrophic Fire Risk Reduction Restoration Thinning Project
City of Boulder Utilities Division Betasso Water Treatment Plant

8/15/2004	Employee compensation	\$17,147.49	see timesheet pay period 4 file	Staffing	\$2,894.21
8/29/2004	Employee compensation	\$3,854.26	see timesheet pay period 5 file	Staffing	\$2,894.21
				TOTALS	
				Total staffing	\$28,376.51
				Total supplies	\$5,637.27
					\$34,013.78

over - \$ 1,013⁷⁸

Potential Fire Mitigation Parcel



0.1 0.25 0.5 0.75 1 Miles



Potential wildland fire prevention locations and cost

Total Acres	Representing	at \$853/acre	Final cost after matching funds
136	All Listed	\$116,375	\$58,187
100	A, C, D, E, F, G	\$84,984	\$42,492
69	A, C, E, F	\$58,601	\$29,301
64	A, C, G	\$54,959	\$27,479
55	A, C, D	\$46,489	\$23,244

Label	Acreage	Location
A	13.3	West of Betasso
B	36.8	Betasso
C	30.7	South of Betasso
D	10.5	North of BC Hydro/HWY 119
E	3.3	Orodell Hydro
F	21.4	Boulder Canyon Hydro Plant
G	20.4	Kossler
N	146.4	Penstock 2
O	79.1	Penstock 3
P	38.5	Penstock 1
Total Acres	400	

North
 91.3
 South
 24.7
 116.0

City Open Space lands adjacent to utilities properties

Label	Acreage	Location
H	32	South of Orodell
I	39	South of "H"
J	78	East of "I"
K	99	South of "I"
L	40	West of "I," with a parcel in between
M	149	South of "L"
Total Acres	436	

SCOPE OF WORK

Catastrophic Fire Risk Reduction & Restoration Thinning Project Betasso Water Treatment Plant City of Boulder Utilities Division

Purpose:

The project has several objectives:

- Develop "restored" ponderosa pine forest conditions.
- Reduce wildfire hazards by reducing tree densities, removal of ladder fuels, and modifying stand structure. Develop a much more open, "clumpy stand character.
- Reduce wildfire hazards around a City of Boulder owned treatment plant and nearby private owned structures.
- Create a treatment area benefiting Boulder County residents from the threat of a large scale devastating crown fire.
- Reduce future fuel loadings to reduce fire hazard
- Reduce the threat of insect and disease attacks to the trees in the area.

General Description of Work:

Work will be performed to produce results similar to those discussed with the City of Boulder Mitigation Crew during the show-me trip. Work involves thinning a "doghair" ponderosa pine stand to create an open and more fire resistant stand. The goal is to create a stand with less than 40% canopy closure and 15 foot crown spacing between trees and clumps of trees. Thinning in the stand will be done by prescription and will follow the example marking that has been completed within the project area. Trees marked with blue paint should be cut and removed.

Legal Description: A portion of the western half of section 34 of Township 1 North, Range 71 West in Boulder County, Colorado

Parcel Numbers: 146133000008, 146134000006, 146134000008, 146134000018

County: Boulder, CO

Size of Practice: 91 acres

Species: Mostly ponderosa pine with very few Douglas fir and juniper

Estimated Duration: 2 years

Unit Description:

The Treatment Unit is located east of Sugarloaf Road, West of Fourmile Canyon, and just north of Boulder Canyon. The stand can be most easily accessed from Boulder by taking Colorado Highway 119 west to Sugarloaf Road, Sugarloaf Road north to Betasso Road, and Betasso Road east until it dead ends into the water treatment plant. This unit is approximately 91 acres on a primarily south facing slope. Slopes are generally in the range of 30 to 50%. Boundaries have been identified on the north, west, and south. The boundary on the north is marked with a fence dividing city and county land. The project boundary on the west has been identified as the bottom of a gully near the north end and a

recreational trail near the south end. There is a small extension to the property on the southwest corner which is divided from its neighboring properties with a fence. The boundary on the south edge consists of Colorado Highway 119. The eastern edge of the project area will be identified and flagged as the mitigation crew approaches work on that end.

Project Schedule:

The city will begin work on the project March 16, 2004 and is able to request reimbursement up to December 31, 2005 unless a special extension is granted. Work will proceed as agreed to by the City of Boulder Utilities representative, City of Boulder Mitigation Crew representative, and CSFS grant administrator with all work occurring to specifications throughout the identified area.

Prescription/Target Stand:

The goal of treatment on this land is to mitigate fire danger to the water treatment plant and communities on the east, north, and west. An additional benefit of this project is to extend a landscape scale fuel break, while taking advantage of the readiness of the landowner by expanding the width of the treatment. The treatment of this block of land will help to protect communities to the northeast from the devastation of a large scale crown fire. The project will also improve overall forest health within the treatment area.

The stand consists mostly of ponderosa pine with very few Douglas fir and juniper. The stand should be thinned to a basal area of 30 – 60 square ft per acre with an average overall spacing of 15' between crowns and a canopy closure of around 40%. When clumps of trees are left, a distance of greater than 15 feet will exist between the clump and the crowns of surrounding trees. All trees in the treatment area will have the ladder fuels pruned to 8 feet from the ground. Up to five snags per acre may be left for wildlife habitat. The snags should be larger (6 inches or more) in diameter and should be spaced 15 feet from the crowns of surrounding trees. Preference should be given to snags with existing cavities or burn scars, where feasible.

"Yellow bark" ponderosa pines should be retained as much as possible. Emphasis is to retain and manage pine in excess of 6 inches in diameter. Removal of as much of the Douglas-fir and juniper as possible is desired. Develop an uneven-age and diverse size structure in the pine. Stand structure is to eventually be comprised of even-aged groups of trees that vary widely in size and shape. Individual tree groups will, in turn, be of different age and tree sizes. Often two, three and sometimes more age/size groups will be represented in a stand. From this standpoint the stand will be considered uneven-aged.

The long-term management emphasis will be uneven-aged with vertical and horizontal diversity more like pre-1870 stand conditions (approximately forty to fifty trees per acre, clumped, mostly larger diameters, with two or more snags/acre).

The ideal forest condition should also allow the potential for a ground fire to safely move along the forest floor with minimal torching and without moving along the crowns of the trees. This condition will also allow for the City of Boulder, partnering fire districts, and land management agencies to conduct a controlled broadcast burn.

Removable materials and slash:

Any income from the product removed will be negotiated between the Colorado State Forest Service and City of Boulder to assist in covering the project costs of each agency. The objective of slash and materials treatment is to remove enough slash to reduce fuels buildup to an acceptable level, yet leave enough on site for future soil development, and effective ground cover to be scattered over skid trails and disturbed areas. The mitigation crew should also consider the possibility of conducting a broadcast burn on the site as the cutting portion of the project is completed. Therefore, any associated measures that prove to be necessary in order to accomplish a controlled burn may be implemented.

There are currently five options for treatment with the materials resulting from thinning.

- 1) Merchantable Timber - Any high quality straight timber that is 100" long and is at least 4 inches in diameter may be skidded to an isolated pile. There is a possibility of selling or giving this usable timber to a private post and pole business.
- 2) Firewood - Additional larger diameter (4 or more inches) wood may be set aside for firewood. This firewood may be given to city or state employees or sold to the public.
- 3) Chipping/Biomass Utilization - A majority of the slash created will be piled and will most likely be used for chips for the generation of power for the Nederland Community Center. There is also potential to set aside a roll-off trailer to collect slash or chips. The roll-off trailer will be set in a location which has already been determined. Landing piles shall be composed only of the slash produced from the trees cut and will not include any dirt, rocks, metal, or trash. Additional or leftover wood chips may be spread or broadcast back on the work site to a maximum height of 4" to ensure proper decomposition and nitrogen recycling.
- 4) Hand Piling - Any slash not chipped or hauled off can be piled for burning in the winter months. Piles should be located in clearings where possible and away from power lines, trails, roads, and homes. The piles should have a minimum of height of four feet and width of four feet. The piles should be as compact as possible so as not to topple and to prevent snow from entering and encourage easier combustion.
- 5) Lop and Scatter - Small amounts of slash may be left on the forest floor. Scattered slash should not exceed twelve inches in depth, six feet in length, or cover more than 50% of the ground in a discontinuous pattern. The slash should not form piles unless purposely set up as a slash burning pile developed to the correct specifications.

Insect and Disease:

Some of the ponderosa pine has been infected with dwarf mistletoe (DMT). A few of the trees have suffered from mountain pine beetle (MPB) infestation. DMT infected trees with an average Hawkworth rating of 3 or higher will be removed. Aggressive treatment of DMT infected trees will prove beneficial to slowing or stopping its rate of spread. Trees with MPB infestation will be cut down then burned, chipped, debarked, or will undergo solar treatment. When the forest stand is treated it will result in less tree competition, thus improving the health and vigor of the remaining trees.

Other Benefits:

Treatment of land within this project area will greatly benefit the fire protection of many communities. Four communities exist within a mile of the treatment area. The project is also located adjacent to the popular Betasso Preserve recreation site. This results in a high volume of tourist traffic and high human caused ignition potential. Due to the high density of homes around this location, any treatment done to land in this area will lessen the fire threat to surrounding homes. This project is part of the first phase of a large scale fuels treatment area extending north and northwest. Work done within this project area will tie into a meadow and thinning on Boulder County Open Space to the north.

Payment Schedule:

Requests for payment are to be made on a reimbursement basis and may be made at any time after successful completion of 11 acres or \$11,000 worth of work. The grant administrator will then look over the work completed, request for payment, and attached in-kind documentation to approve reimbursement.

Reimbursement for completion of work on the project area will be given to a maximum of \$1,000 per acre up to \$33,000. By accepting the grant money the grantee agrees to complete at least 66 acres of treatment within the unit and will submit a final report signifying the acres completed, amount of grant money used, and records of in-kind contribution. Eligible in-kind contribution requests can be made for hours spent thinning, pruning, hauling, burning, chipping, or piling trees or tree debris. Requests for funding can also include costs of minor equipment maintenance and equipment gasoline. All requests for funding will be reviewed and approved by the grant administrator.

Invoice shall be submitted to:

Bob Bundy
Front Range Fuels Treatment Partnership Forester
Colorado State Forest Service
5625 Ute Highway
Longmont, Colorado 80503

303-823-5774

303-823-5768 (Fax)

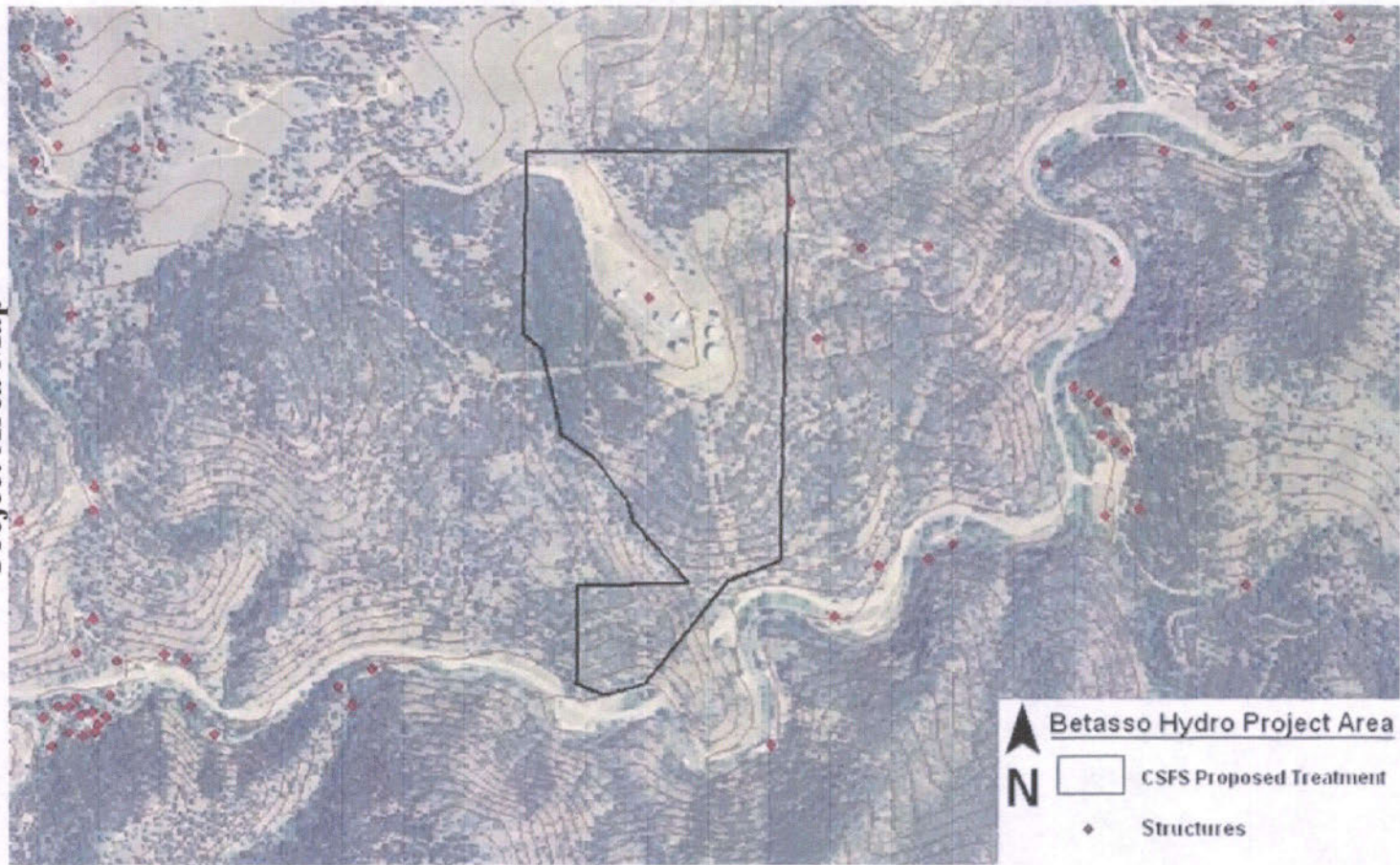
rbundy@lamar.colostate.edu

This document was created in order to list the terms and expectations of the project. Please sign the following to signify that you understand the terms of this grant.

City of Boulder Utilities Division Representative

City of Boulder Mitigation Crew Representative

Project Area Map



ELECTRONIC PAYMENT INFORMATION REQUEST FORM
(Please use one form for EACH remittance address)

Vendor Name: _____

Remit Address: _____

Name of Your Bank: _____

Bank Address: _____

Bank Routing (ABA) Number: _____

Account Name: _____

Account Number: _____ Account Type (circle one): Checking OR Savings

Individual Authorized to Release this Information:

Name: _____

Phone #: (_____) _____ Title: _____

Signature: _____

Your Company Contact:

Name: _____

Phone #: (_____) _____ Title: _____

Method of Receiving Remittance Advice:

Please check one of the options below for the method of notification of payment.

If you are changing your remittance advice to the Addenda option, please check here _____

☐ Email: _____

☐ FAX: (____) _____

☐ US Postal Service: Mailing Address: _____

☐ Addenda – Remittance Advice through your Bank (you will need to discuss how this electronic data is received by you with your bank)

Bob Bundy

From: Joanna Stansbury [StansburyJ@ci.boulder.co.us]

Sent: Tuesday, April 20, 2004 2:55 PM

To: rbundy@lamar.colostate.edu

Subject: Electronic ID

Hi Bob:

You had asked for an electronic ID so that the State doesn't have to write a paper check for reimbursements. Here are wiring instructions to Bank One for the city of Boulder:

aba routing number - 102001017

account number - 106-0188875

Bank One
1125 17th Street
Denver, CO 80202

Kim Carpenter is the woman at the city who can answer further questions. Let me know if you need anything else. Thanks, Joanna

Joanna Stansbury
Water Resource Specialist
City of Boulder
1739 Broadway
PO Box 791
Boulder, CO 80306
303-441-3115
stansburyj@ci.boulder.co.us

4/20/2004

Catastrophic Fire Risk Reduction Restoration Thinning Project

City of Boulder Utilities Division Betasso Water Treatment Plant

Invoice Date	Vendor Name	OCA	Object Level	Total Amount	Itemized Amt	Description	Amt available for reimbursement
4/12/2004	The Pack Shack, Inc.	343901	5504	\$78.20	\$78.20	Brief Case, large maroon	\$0.00
4/13/2004	Earl's Saw and Motor Shop	343901	5504	\$1,520.98	\$1,263.92	2 MS 460 Wrap 24" (160821467 and 160821480)	\$0.00
					\$32.28	One dozen wedges (2.69 each)	\$0.00
					\$11.96	4 Pk files (2.99 each)	\$0.00
					\$47.97	3 wedge and tool panch (15.99 each)	\$0.00
					\$164.85	3 felling axes (54.95 each)	\$0.00
4/19/2004	mfgsupply.com	343901	5504	\$69.79	\$15.95	4 8' Logging choker (5.99 shipping)	\$0.00
3/26/2004	the Supply Cache	343901	5504	\$869.25	\$34.75	Wildfire Cap ratchet (3)	\$0.00
					\$10.00	Signal mirror	\$0.00
					\$140.00	Weather meter	\$0.00
					\$39.00	ranger radio harness	\$0.00
					\$14.00	all weather spce blanket	\$0.00
					\$57.00	web gear (bottom only)	\$0.00
					\$23.00	Safari Compass	\$0.00
4/8/2004	the Supply Cache	343901	5504	\$104.25	\$34.75	Wildfire Cap ratchet (3)	\$0.00
4/20/2004	Bailey's	343901	5504	\$1,938.81	\$1,938.81	ATV Tandem log and dump trailer	\$0.00
5/9/2004	Employee compensation	343901	5601	\$5,346.36	see timesheet pay period 1 file	Staffing	\$5,346.36
5/23/2004	Employee compensation	343901	5601	\$5,704.37	see timesheet pay period 2 file	Staffing	\$5,704.37
						TOTALS	
						Total staffing	\$11,050.73
						Total supplies	\$1,967.63
							\$13,018.36

Table 1

Wildland Fire Prevention and Suppression Costs

Suppression and Restoration

Fire Name	Location	Date	Acres burned	Suppression cost (does not include rehab and other impacts)	Suppression cost per acre	Property damage	PD per acre	Total Rehab Cost	Rehab cost per acre	Source
Black Tiger	Boulder	July 9-13, 1989	2,100	\$752,691	\$358	\$10,000,000	\$4,761.91	not available	N/A	ChuckDennis (CSFS) and Dennis Lynch (CSU Forest Sciences)
Hourglass Fire	Pingree Park	July 1-5, 1994	1,275	\$1,500,000	\$1,176	\$2,200,000	\$1,725.49	not available	N/A	ChuckDennis (CSFS) and Dennis Lynch (CSU Forest Sciences)
Buffalo Creek Fire	Jefferson County	May 18, 1996	11,900	\$2,650,000	\$222**	\$1,036,966	\$87.14	\$1,599,955	\$134	ChuckDennis (CSFS) and Dennis Lynch (CSU Forest Sciences)
Buffalo Creek Fire	Jefferson County	May 19, 1996	11,901	\$2,600,000	\$218	\$1,000,000 (+\$2.6 mil from flooding)	Hydropower production loss 90,000	Total sediment removal from Strontia Reservoir est. \$12 million	Water quality clean-up est. \$8 million	Wildland Fire Threats to the Boulder Water Supply System (3-10-01)
Bobcat Gulch Fire	Larimer County	Jun 12-24, 2000	10,599	\$3,840,319	\$362	\$5,087,500	\$480	\$823,854	\$78	Dennis Lynch (CSU Forest Sciences)
Hayman Fire	Teller, Douglas, and Jefferson Counties	June 8, 2002 to July 2, 2002	137,760	\$32,000,000	\$232.29	not available	not available	\$14,700,000	\$106.71	www.fs.fed.us/rm/hayman_fire/presentations/robichaud/Slide17.JPG & http://wildfires.nwccg.gov/colorado/hayman/baer/hayman_fire_BAER_final.htm

** Buffalo Creek predicted costs per acre are \$2,000/acre

Prevention

Location	Number of acres	Cost per acre	Source
Cheesman	83	\$1,085	Dennis Lynch (CSU Forest Sciences)
Trumbull 5	42	\$728	Dennis Lynch (CSU Forest Sciences)
Trumbull 6	33	\$995	Dennis Lynch (CSU Forest Sciences)

Location	Number of acres	Cost per acre	Source
Fox Run Regional Park-El Paso Cnty	24	\$779	Dr. Kurt Mackes (CSU/CSFS)
Air force academy	unknown	\$679*	Dr. Kurt Mackes (CSU/CSFS)

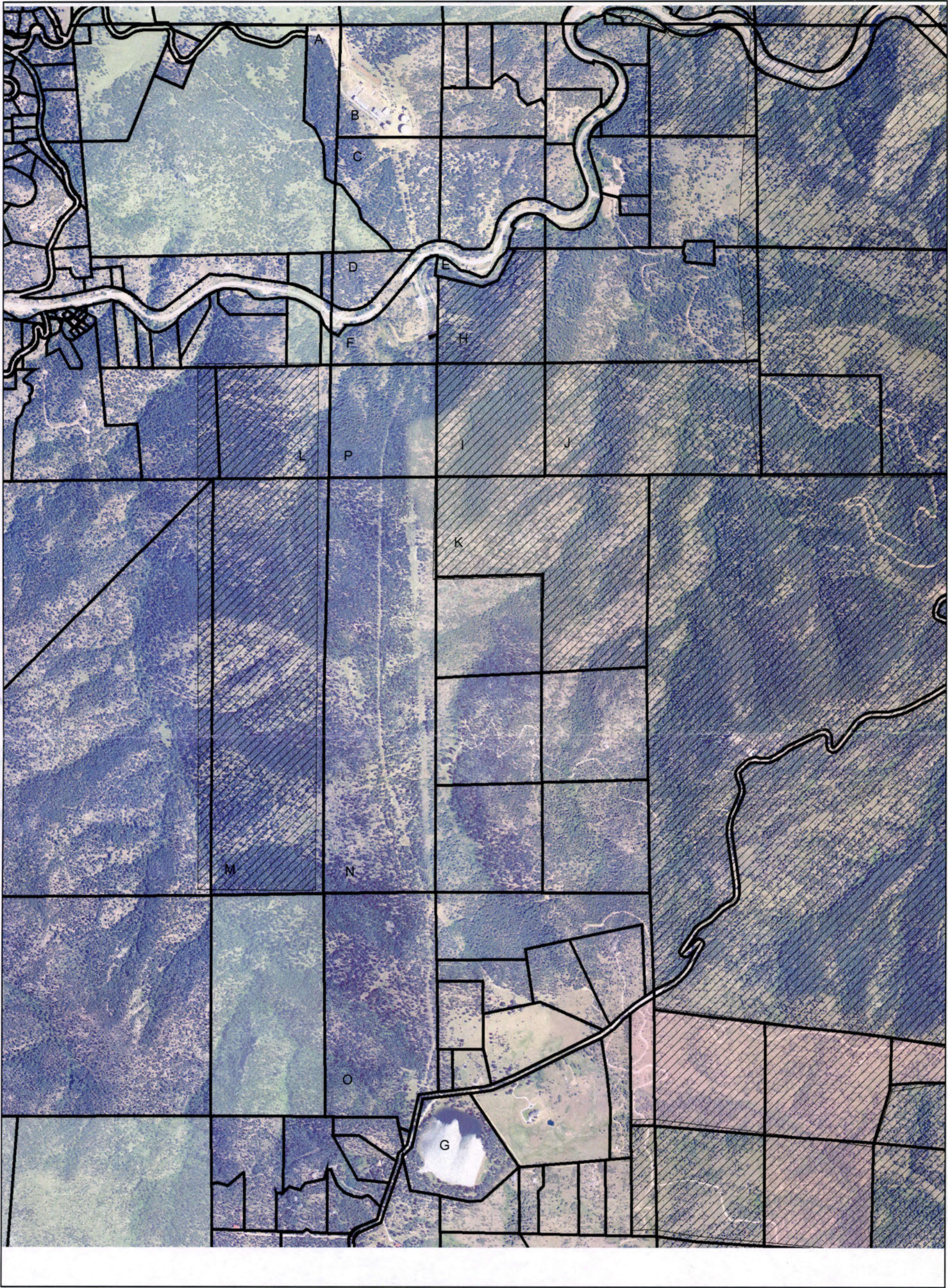
Average prevention cost per acre = \$853

*the bid was influenced by the ability to use wood for sale)







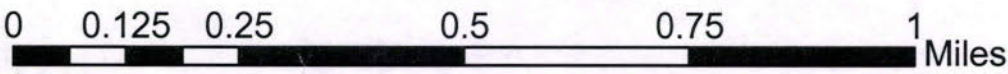


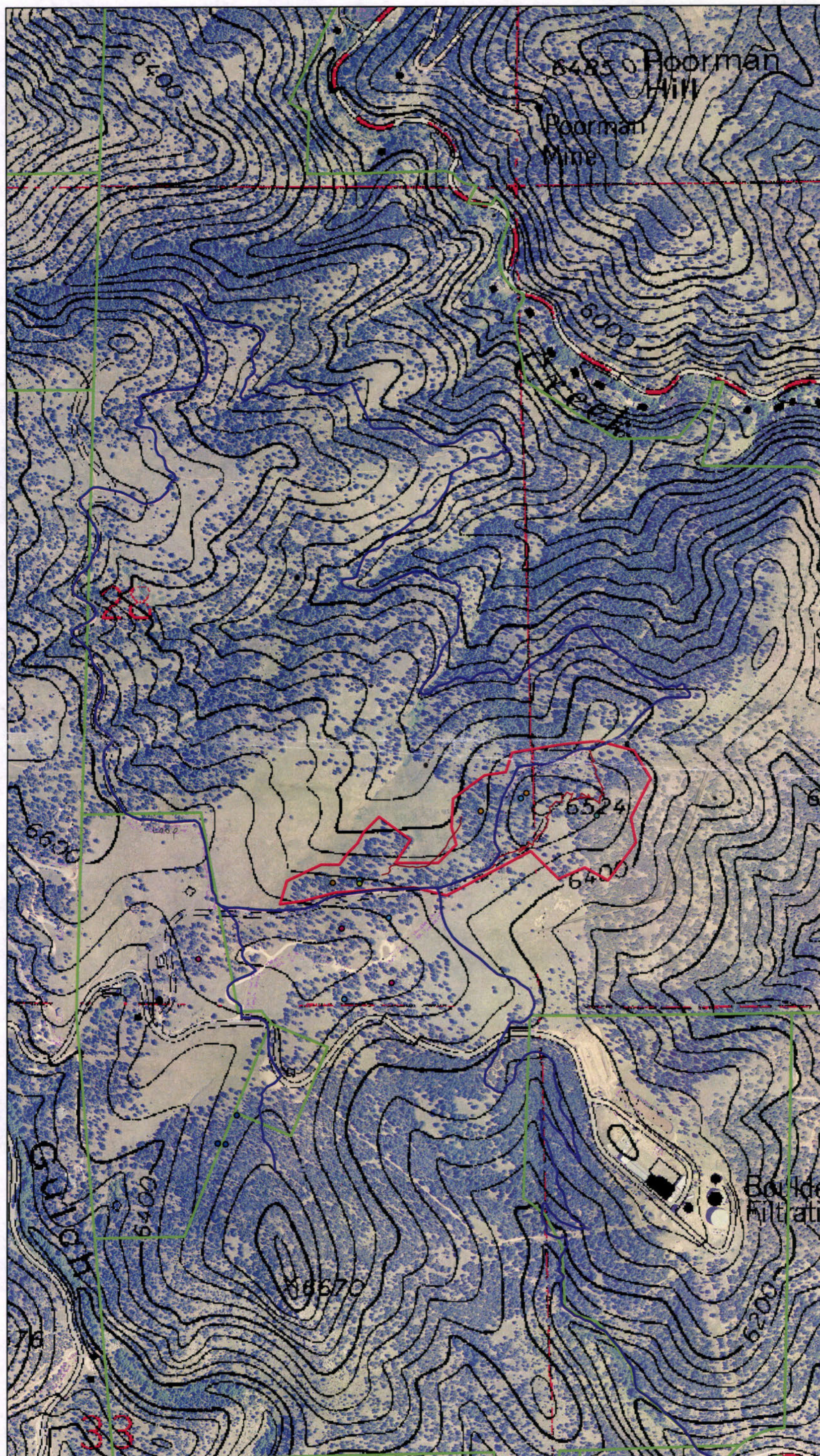
Legend

- Utilities owned lands
- Ownership parcels
- City of Boulder Open Space Properties
- City of Boulder OSMP conservation easement
- County Open Space
- Boulder Canyon Hydro



Potential Fire Mitigation Parcels





BoCoPOS
Preliminary
Betasso
Map

23 acres

0 500 1,000 2,000 3,000 4,000 Feet

Adm (808) 255-5276
~~Area (208) 387-5170~~ wk





Grant to boost fire prevention

By Greg Avery

Camera Staff Writer

Money from the Bush administration's Healthy Forests Initiative will help thin trees in the foothills just outside of Boulder and fully staff the city's wildland fire team this summer.

A \$33,000 Colorado State Forest Service grant, passed on from the federal initiative's funding, will help finance tree thinning for forest-fire prevention near Boulder's Betasso water treatment plant just north of Boulder Canyon.

Foothills tree-thinning, fully staffed Boulder wildland team are planned

The city is paying another \$33,000.

The thinning is expected to start later this spring and continue intermittently throughout the rest of the year and beyond.

Crews will take out some small-diameter trees, trim low-hanging limbs and remove ground brush.

The project will create a defensible zone around the Betasso plant, then

help remove clutter in the forests farther away from the plant.

The intention is to protect the installations and the watershed that provide Boulder with water, said Justin Dombrowski, a Boulder Fire Department manager of the wildland crew.

"It's going to be thinning out the forest some in a way as if a fire went through there in a natural cycle," he

said.

The city will hire a couple of extra seasonal wildland firefighters to handle the project and be available if wildfires break out this summer. Adding two people will bring the seasonal wildland fire staff — which works March to September to prevent and put out forest fires — to seven people in a season when city budget cuts threatened to reduce the squad to four or five.

Such grants are helpful when the city's regular funding make it unable to

Please see GRANT on 7A

Continued from 1A

fund services to a level officials would like, City Manager Frank Bruno said. Fire prevention work reduces the likelihood that a costly forest fire in such a critical spot will drain city resources, he said.

"Having a crew that can really focus on that work is a great thing," he said.

Thinning trees in forests said to be dangerously loaded with fuel for fires is a centerpiece of the Healthy Forests Initiative that President Bush promoted last year.

Environmentalists have criticized the measure, expres-

sing fear that it will be used as justification to permit large-scale commercial logging.

The cut wood from Betasso-area project will be chipped into mulch, not sold, and the project is one that the city envisioned long before the controversial federal initiative was proposed, Dombrowski said.

"It's not like we're clear-cutting," he said. "We're not doing this for any timber company."

Contact Camera Staff Writer Greg Avery at (303) 473-1307 or averyg@dailycamera.com.

City of Boulder Timesheet Summary Report 4

Pay Occ: 343901

Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
07/04/04	Chambers Michael J	\$11.00	30	330	45.12	\$ 375.12
07/18/04			40	440	59.69	\$ 499.69
08/01/04			70	770	105.33	\$ 875.33
08/15/04			40	440	60.2	\$ 500.20

\$2,250.34

07/04/04	Gonzales James T	\$11.00	30	330	45.12	\$ 375.12
07/18/04			75	825	111.37	\$ 936.37
08/01/04			80	880	120.38	\$ 1,000.38
08/15/04			60	660	90.29	\$ 750.29

\$3,062.16

07/04/04	Heisick Daniel T	\$13.45	0	0	0	\$ -
07/18/04			40	538	71.85	\$ 609.85
08/01/04			77	1035.65	141.68	\$ 1,177.33
08/15/04			20	269	36.39	\$ 305.39

\$2,092.57

07/04/04	James Brian D	\$11.00	0	0	0	\$ -
07/18/04			75	825	112.84	\$ 937.84
08/01/04			50	550	75.24	\$ 625.24
08/15/04			40	440	60.15	\$ 500.15

\$2,063.23

07/04/04	Nelson Randall G	\$11.00	10	110	15.04	\$ 125.04
07/18/04			25	275	37.61	\$ 312.61
08/01/04			10	110	15.04	\$ 125.04
08/15/04			15	165	22.57	\$ 187.57

\$ 750.26

07/04/04	Oliver Brian C	\$15.00	30	450	60.71	\$ 510.71
07/18/04			35	525	70.34	\$ 595.34
08/01/04			40	600	82.08	\$ 682.08
08/15/04			20	300	40.23	\$ 340.23

\$2,128.36

07/04/04	Watson Matthew S	\$11.00	30	330	45.11	\$ 375.11
07/18/04			75	825	112.84	\$ 937.84
08/01/04			78	858	117.37	\$ 975.37
08/15/04			10	110	15.06	\$ 125.06

\$2,413.38

07/04/04	Weller James M	\$11.00	30	330	45.12	\$ 375.12
07/18/04			71	781	105.64	\$ 886.64
08/01/04			50	550	75.24	\$ 625.24
08/15/04			40	440	60.19	\$ 500.19

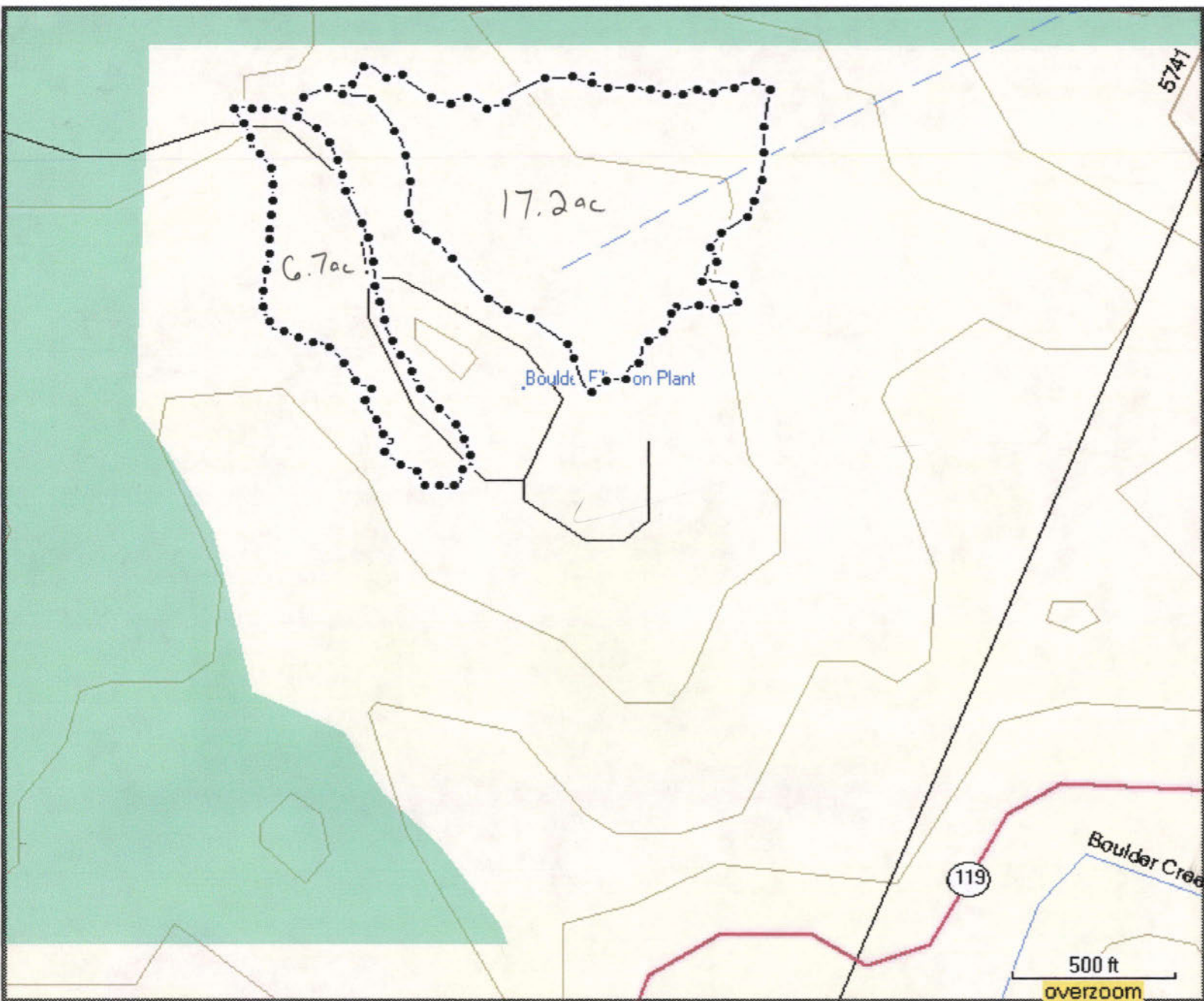
2,387.19

Sum 7-4-04	\$	2,136.22
Sum 7-18-04	\$	5,716.18
Sum 8-1-04	\$	6,086.01
Sum 8-15-04	\$	3,209.08

Sum Total \$ 17,147.49

Pay Period	Employee Name	Rate	Hours	Salary Total	Benefit Total	Total
07/15/04	Waller James M	\$11.00	70	770	42.12	\$812.12
07/18/04	Waller James M		71	781	42.12	\$823.12
08/01/04	Waller James M		70	770	42.12	\$812.12
08/15/04	Waller James M		70	770	42.12	\$812.12
07/15/04	Watson Matthew S	\$11.00	30	330	18.06	\$348.06
07/18/04	Watson Matthew S		30	330	18.06	\$348.06
08/01/04	Watson Matthew S		30	330	18.06	\$348.06
08/15/04	Watson Matthew S		30	330	18.06	\$348.06
07/15/04	Oliver Brian C	\$12.00	30	360	19.80	\$379.80
07/18/04	Oliver Brian C		30	360	19.80	\$379.80
08/01/04	Oliver Brian C		30	360	19.80	\$379.80
08/15/04	Oliver Brian C		30	360	19.80	\$379.80
07/15/04	Weldon Randall G	\$11.00	10	110	6.02	\$116.02
07/18/04	Weldon Randall G		10	110	6.02	\$116.02
08/01/04	Weldon Randall G		10	110	6.02	\$116.02
08/15/04	Weldon Randall G		10	110	6.02	\$116.02
07/15/04	James Brian D	\$11.00	0	0	0.00	\$0.00
07/18/04	James Brian D		0	0	0.00	\$0.00
08/01/04	James Brian D		0	0	0.00	\$0.00
08/15/04	James Brian D		0	0	0.00	\$0.00
07/15/04	Heick Daniel T	\$13.45	0	0	0.00	\$0.00
07/18/04	Heick Daniel T		40	538	29.68	\$567.68
08/01/04	Heick Daniel T		40	538	29.68	\$567.68
08/15/04	Heick Daniel T		40	538	29.68	\$567.68
07/15/04	Conales James T	\$11.00	30	330	18.06	\$348.06
07/18/04	Conales James T		30	330	18.06	\$348.06
08/01/04	Conales James T		30	330	18.06	\$348.06
08/15/04	Conales James T		30	330	18.06	\$348.06
07/15/04	Hammer Michael J	\$11.00	30	330	18.06	\$348.06
07/18/04	Hammer Michael J		30	330	18.06	\$348.06
08/01/04	Hammer Michael J		30	330	18.06	\$348.06
08/15/04	Hammer Michael J		30	330	18.06	\$348.06

Sum 7-4-04	\$	5,136.22
Sum 7-18-04	\$	5,716.18
Sum 8-1-04	\$	6,086.01
Sum 8-15-04	\$	3,209.08
Sum Total	\$	17,147.49



↑N

Betasso Hydro at end of 2004

21.5 acres reimbursed

$\sim 6.7 + 17.2 = 23.9$ ac done

NationsRent
#199-Boulder
5401 Pearl Parkway
BOULDER, CO 80301
(303) 449-2050

Brian Oliver
Customer # 215754
Contract # 1015985
Out at 11:38am on 06-28-04
In at 11:31am on 06-30-04

Qty	Item Number	Price Ea	Extend
-----	-------------	----------	--------

(- RENTAL RETURNS -)			
1	905402093580	340.00	340.00
Vermeer BC235 Wood Chipper 3"			

(- SOLD INVENTORY -)			
20	060000951853	0.50	10.00
SAR PLUG UNCORDED			
MFG - HWY SERIAL # MAX1			

Pre-Tax Sub Total	557.50
(Tax Exempt # 98-03489)	
Damage Waiver	+ 72.90
Environmental Fee	+ 7.50
Grand Total	638.40

Payment on 06-28-04 by [MC]	936.85
Refund on 06-30-04 by [MC]	306.45-

Current Balance On Contract	50.00
-----------------------------	-------

Thank you! Please come again . . .

06-30-04 11:31am Dave Cline

Acct#: XXXXXXXXXX9783 (MC)
Exp. Date: 02/06
Auth#: 050788

Trans ID #: 0628MCFIKTRGX
Retrieval#: 410017123513
Merchant #: 352365701996

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO THE CARD ISSUER AGREEMENT

Signature _____

TOP COPY - MERCHANT
BOTTOM COPY - CUSTOMER

NationsRent
#199-Boulder
5401 Pearl Parkway
BOULDER, CO 80301
(303) 449-2050

Boulder Fire Rescue Wildl
Customer # 216855
Contract # 1035270
Out at 09:23am on 07-29-04
In at 03:59pm on 07-29-04

Qty	Item Number	Price Ea	Extend
-----	-------------	----------	--------

(- RENTAL RETURNS -)			
1	905402093564	340.00	-340.00
Vermeer BC235 Wood Chipper 3"			

Pre-Tax Sub Total	347.50
Sales Tax	+ 52.74
Damage Waiver	+ 72.90
Environmental Fee	+ 7.50
Grand Total	673.14

Payment on 07-28-04 by [MC]	673.14
-----------------------------	--------

Current Balance On Contract	50.00
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Thank you! Please come again . . .

07-29-04 04:55pm Rick Owen

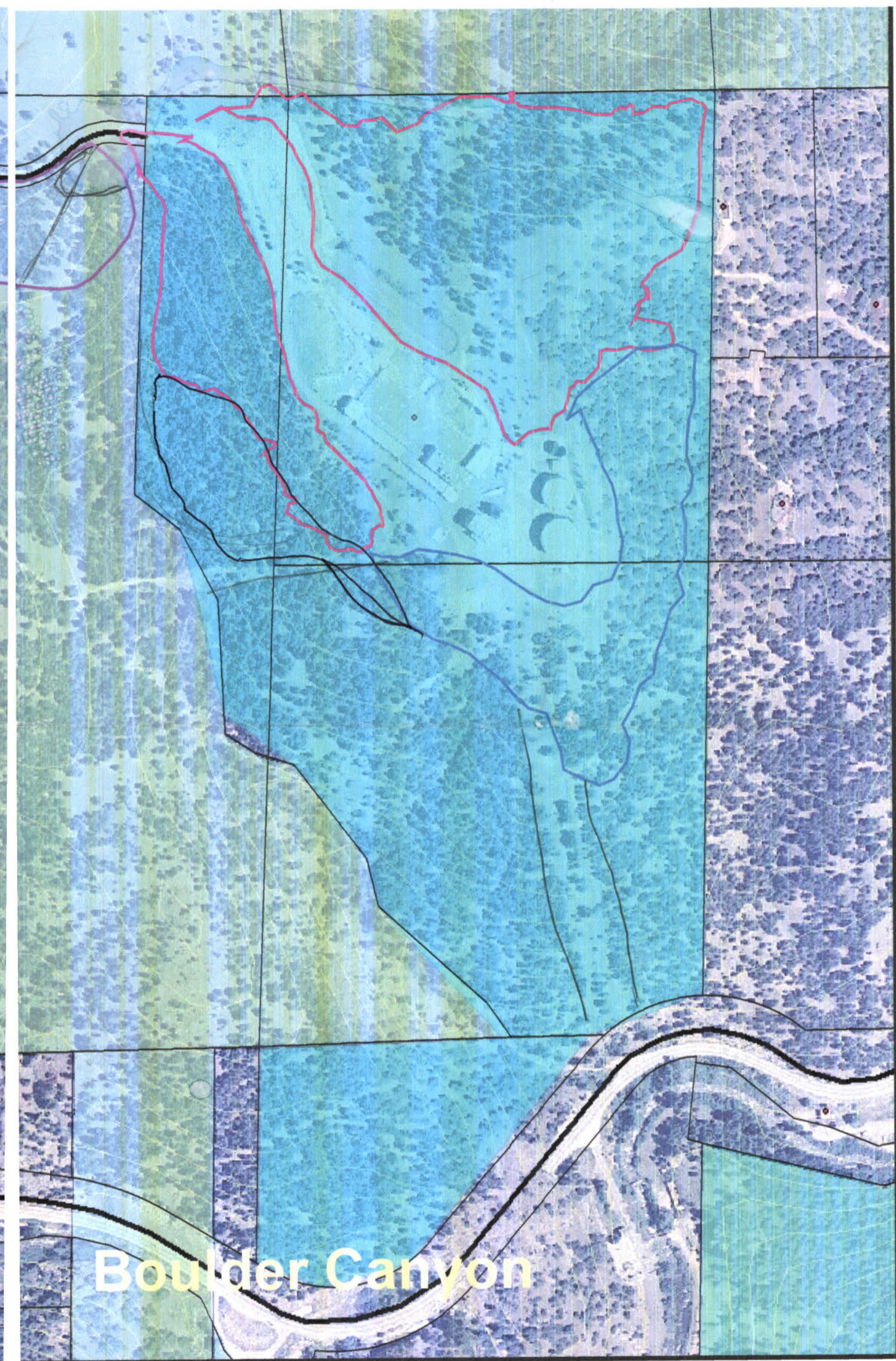
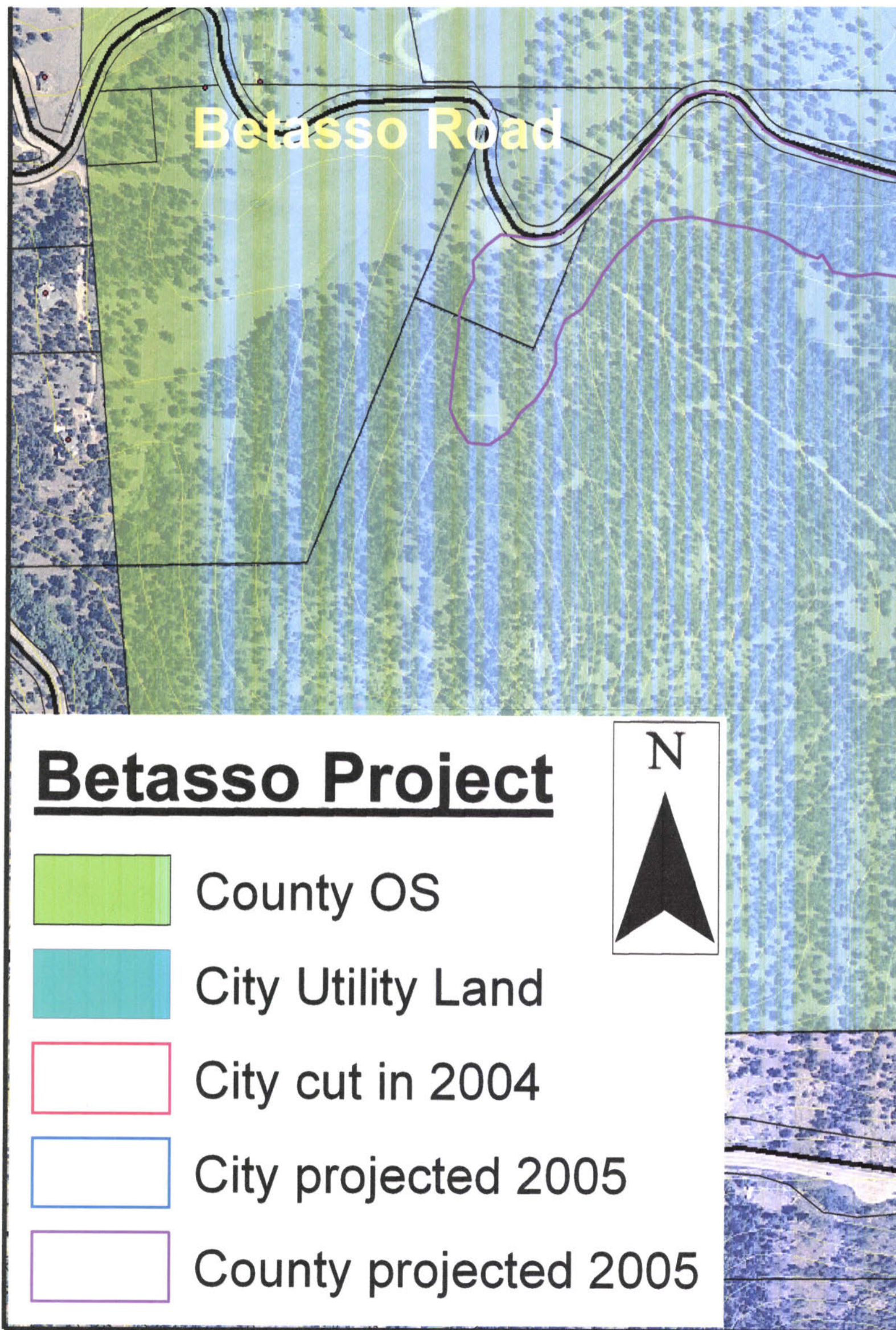
Acct#: XXXXXXXXXX6267 (MC)
Exp. Date: 02/06
Auth#: 030447

Trans ID #: 0728MCFMFX
Retrieval#: 42101577588
Merchant #: 352365701996

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO THE CARD ISSUER AGREEMENT

Signature _____

TOP COPY - MERCHANT
BOTTOM COPY - CUSTOMER



25.0153
 91,878.07
 43,315.57
 10,121.93 left
 33,000
 15,712.50
 17,287.50
 7,607.21
 9,660.09
 810,462.50
 5,250.00
 15,712.50
 14,179.27
 544
 815,254
 87,627
 6
 15.5
 21.5
 35.5
 701.1
 6/30/05

\$33,000

CITY OF BOULDER GRANT PROCESS

Overview

Outside grants are an important funding source for many departments – helping departments implement programs or projects that may otherwise not happen due to lack of funding. However, some grants require matching funds from the City. If grants have not been reviewed, such grants may create problems with the City's budget. Still other grants may be deemed undesirable for reasons other than financial impact.

To that end, City Council has directed the City Manager and the Deputy Finance Director to review all grant applications prior to submittal. In addition, it is requested that all grant submittals be coordinated with the City's Budget Office, and that they be given sufficient time to review grant information.

Tom Hagerty is coordinating the grant application process. Listed below is the current grant application process. All grants must go through this process. Any questions, please call Tom at 303 441-3001.

Grant Approval Process

1. Identify the grant your department would like to pursue.
2. Write a grant summary. All grant summaries must include:
 - Grant description: Name, purpose, amount
 - Fiscal Impact to the City if it receives the grant: Include year impacted, grant amount, city match (if any). Identify any financial and/or staff obligations the City would incur if it receives this grant, and identify the resources your department intends to access to meet these financial and/or staff obligations.
 - Rationale: Please include why the department is seeking this grant, why it is consistent with existing Council endorsed policies/programs.
3. E-mail the grant summary to Tom Hagerty, Deputy Finance Director in the Finance Department. His address is hagertyt@ci.boulder.co.us.
4. Finance Department will then review the grant summary and contact you with any questions or concerns.
5. If the Finance Department has any concerns the grant application will be forwarded to the City Manager for his review.
6. If either the City Manager or the Deputy Finance Director see any grant item that may be of interest or concern to City Council (i.e. for a large sum of money, from a

National Fire Plan
Healthy Forests Initiative
Front Range Fuel
Reduction Project

\$83,500
2004, 2005
Joanna Staff
wildland
fire
operations

why
fire
prev.
impact

questionable funding source, or an item that may become an unfunded commitment), the City Manager will seek advice from Council before allowing staff to pursue the grant.

7. If either City Council, City Manager, or the Deputy Finance Director approves the grant application, the Deputy Finance Director will notify the requesting department that they can proceed with the application.
8. The department needs to notify the Budget Office that it received the grant and departments need to send in the necessary forms to the Budget Office so the grant can be included in the next Adjustment-to-Base. (Please keep in mind that any new grant needs to be appropriated.) Please send this information to millerc@ci.boulder.co.us
9. The department needs to notify the Financial Reporting Manager to set up the grant in the financial system. Information to be submitted to fritschl@ci.boulder.co.us should include the following:
 - “Grantor ID” (Identification) information:
Grantor Name:
If the original grantor is a Federal agency, provide both the name of the originating Federal agency and, if applicable, the flowthrough grantor (who you will actually receive the grant funds from).
Address:
Provide the address (street, city, state, and zip) of the grantor you will actually receive the funds from.
Also provide the name and phone number of a contact person at the grantor.
 - “Grant Category”:
If the grant did not originate from a Federal agency, the “Grant Category” will always be 99.999.

If the grant did originate from a Federal agency, the “Grant Category” will be the CFDA number, i.e. the Catalogue of Federal Domestic Assistance number, which will appear on the grant award. Contact the grantor if the CFDA number is not readily available.
10. Once the Financial Reporting Manager has set up the “Grantor ID” and “Grant Category” in BFS, the grant administrator will be contacted. A discussion will be held to ensure that the grant administrator is comfortable with the next steps in setting up a grant in BFS.

The Financial Reporting Manager will help the grant administrator as needed with these BFS screens:

“Grant Maintenance”:

First tab (Grant) – complete *all blue* fields (and gray fields as desired)

Note: General Ledger Post Ind must always be set to “Grant Detail”.

Second tab (Additional Info) – complete *all gray* fields.

“Grant Detail”(at least one is required for each grant) The best way to set this screen up is to call up an existing Grant Detail, print the screen, clear the screen, then start fresh using the example as a guide.

If you have any questions regarding the numbering structure for Grant Detail, contact the Financial Reporting Manager for advice.

11. The grant administrator can set up the OCA (Organization Cost Account) inferring the new Grant and Grant Detail once prior steps are complete.

Grant process

CSFService gets \$

Timeline

proposal @ New Year

2 weeks

Pay up front & reimburse

Contract w/ City crews.

~~You~~

Bob Bundy could take land & \$

83

Contract

1 - 40

→ 80

2 - 40

Bob Bundy

From: Bob Bundy [rbundy@lamar.colostate.edu]
Sent: Wednesday, May 12, 2004 6:01 PM
To: 'Ford Church'
Cc: Cory Secher; Craig Jones; Philips, Eric; rbundy@lamar.colostate.edu
Subject: RE: Volunteers...

Hello Ford,

Thanks a lot for all your help. As you know, your class greatly assisted both the Town of Nederland and the City of Boulder. Not to mention all of us working on Fire Mitigation (CSFS, Boulder County, City of Boulder Mitigation Crew).

We will be using the hours you all put in as part of our in-kind project cost share match. The way we do the math is that each person's hour is worth \$11.68. So for the ~2 hours spent in Nederland, the work amounted to \$373.76 for the 16 students. We can add in your time and the parent driver's time for another \$46.72 and Craig, Cory, and my time for \$70.08. This doesn't include some smaller items like the purchase of gloves, travel, or our prep time. So, in the end, we could claim more than \$500 of work on Monday. As far as the amount of heat that will be provided by the 3 loads, I'd like to have Craig answer that. I think it took 2 dump truck loads of chips to heat the building for a week. Is that right Craig?..... The next generation of forestry!

On Tuesday, we spent ~3 hours hauling slash for the city. The 16 students earned up approximately \$560.64. The 2 parent driver's and your time added \$105.12 worth along with an additional \$105.12 for Cory, Eric, and my time. Again, we could claim a few additional expenses. We could claim almost \$800 worth of work for Tuesday. This will be used as part of the match for the \$33,000 grant the city will be getting for the 91 acre project.

Thanks again to you and your class for all your hard work!

Bob Bundy
Front Range Fuels Treatment Partnership
Colorado State Forest Service
5625 Ute Highway
Longmont, CO 80503
(303) 823-5774
(303) 823-5768 fax

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

From: Ford Church [mailto:~~fordchurch@yahoo.com~~]
Sent: Wednesday, May 12, 2004 7:15 AM
To: rbundy@lamar.colostate.edu
Subject: Volunteers...

Hi Bob,

Thanks again so much for coordinating the past two days. The kiddos have definitely been enjoying themselves and the work we have been doing is definitely better than sitting in a classroom all day.

I wanted to try to quantify the impact of the work that the kids have done. For instance 16 kids multiplied by x # of hours saved you x # of \$ or labor. And with the chips we did on Monday, each load heated the building for a total of 2.5 days - is that correct?

You wanted a list of participants, so here you go.

Do you Yahoo!?

Yahoo! Movies - Buy advance tickets for 'Shrek 2' [http://movies.yahoo.com/showtimes/movie?](http://movies.yahoo.com/showtimes/movie?mid=1808405861)
[mid=1808405861](http://movies.yahoo.com/showtimes/movie?mid=1808405861)

There are 16 in total:

Conor Clarke
Shannon Cleary
Eric Ellison
Dane Hansen
Jeff Harper
Daniel Herwitt
Dan Kantz
Sean Kloppenburg
Tanner Mainero
Rachel Malmberg
Sydney Morauer
Dana Nelson
Galen O'Shea-Stone
Danae Rosato
Roxanna Sears
Peter Zola

Cheers,

FC

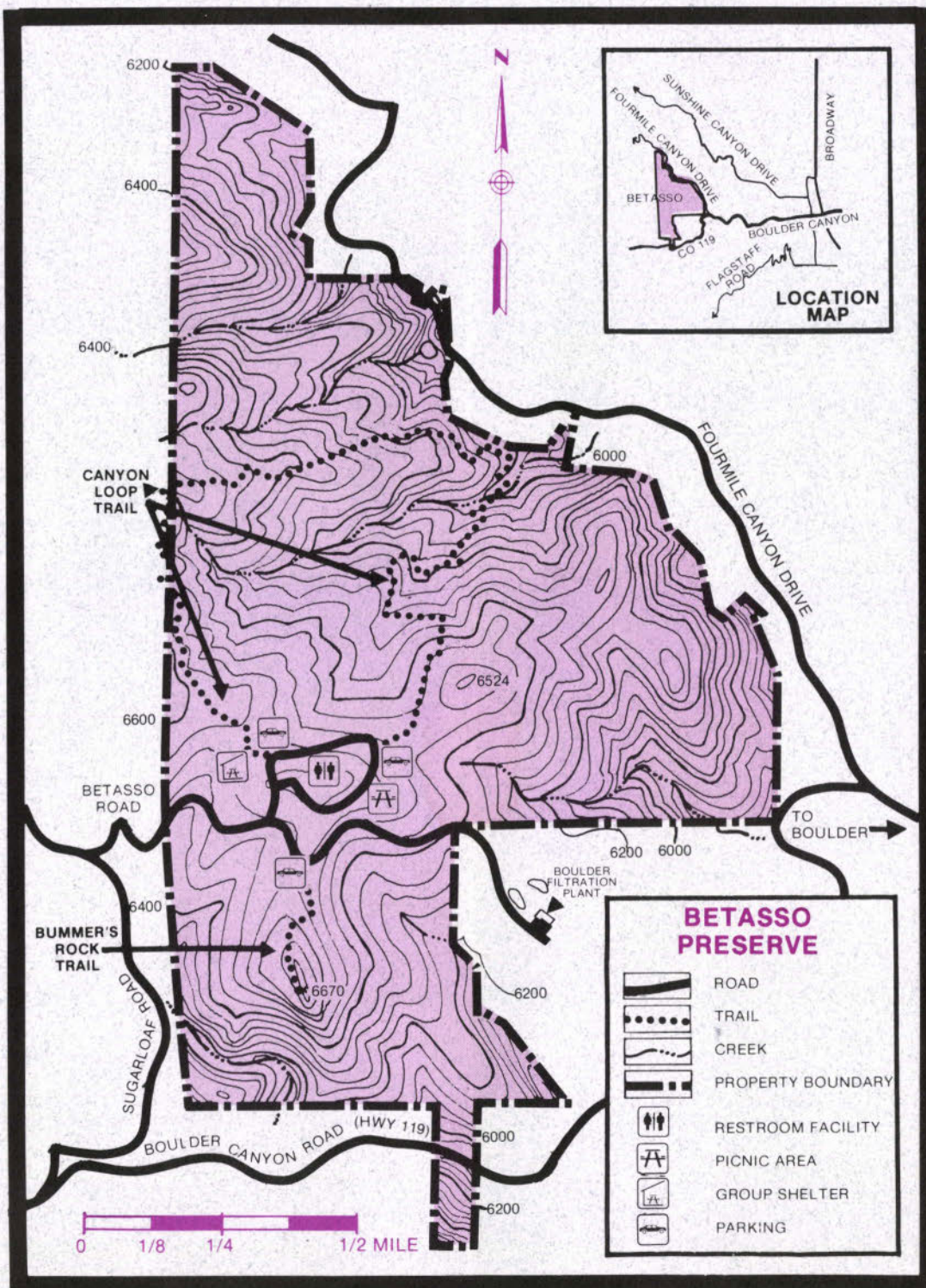
=====

Ford Church
H: 303.444.2659
C: 303.881.9958
<http://www.communityadventure.com>

My life's purpose is to touch, move, and inspire people. Specifically, my purpose is to directly impact the lives of high school students through outdoor education in order to help create a new generation of youth who are environmentally aware, civically engaged, with diverse social networks, and who are empowered to make a positive impact within their respective communities.

Do you Yahoo!?

Yahoo! Movies - Buy advance tickets for 'Shrek 2' <http://movies.yahoo.com/showtimes/movie?mid=1808405861>



Rules & Regulations

- Property is open from sunrise to sunset — no camping. When park is closed, unattended vehicles will be ticketed or towed.
- **Mountain bicycling is prohibited on Wednesdays and Saturdays on the Canyon Loop Trail.**
- Mountain bicycling is permitted on officially designated trails only.
- All other pets must be on leash and under physical control of a person at all times.
- Collecting, removing, destroying or defacing any natural or manmade objects is not permitted.
- Installing rock bolts and constructing trails or structures is unlawful.
- Feeding, disturbing, trapping, hunting or killing wildlife is not permitted.
- Building ground fires is not permitted (fine \$300).
- Discharging or carrying firearms, crossbows, fireworks or projectile weapons of any kind is not permitted (fine \$300).
- No unauthorized motorized vehicles permitted beyond parking lot.
- It is unlawful to carry or possess (outside an enclosed vehicle) any glass bottle or container.
- State law prohibits the possession or consumption of any beverage having an alcohol content greater than 3.2% in any public place.
- Group reservations are required for any groups larger than 25 people.
- No commercial use is allowed.
- No posting of advertisements in park or on vehicles is permitted.

Violations are punishable by a fine up to \$300. You are responsible for knowing and obeying all parks and open space regulations (B.C. RES. NO 98-148).

Betasso Preserve is managed by the Boulder County Parks and Open Space Department. For further information, or to request an interpretive program, contact us at:

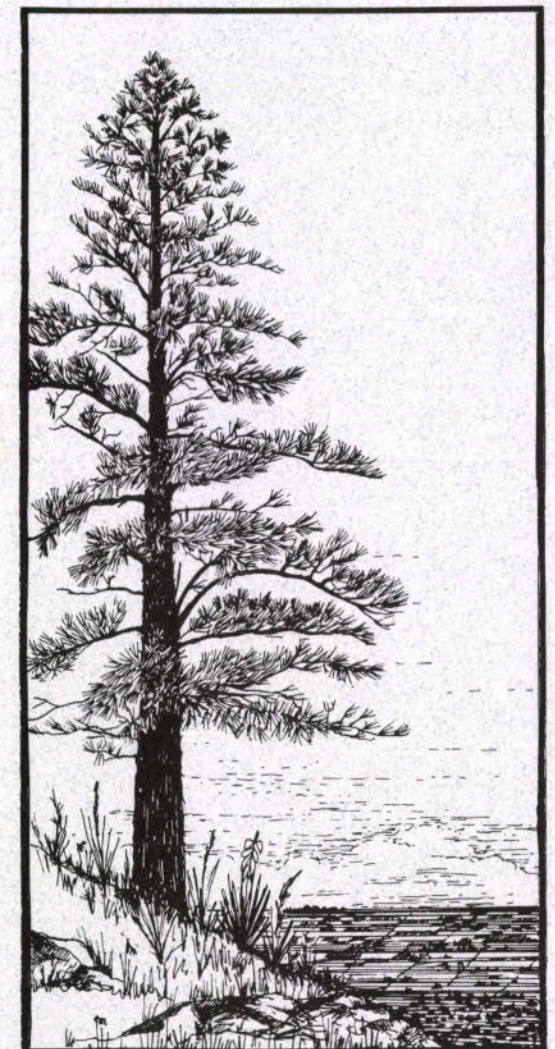
Boulder County Parks and Open Space
2045 13th Street (P.O. Box 471)
Boulder, CO 80306
(303) 441-3950
www.co.boulder.co.us/openspace



Updated 8/02.

Betasso Preserve

BOULDER COUNTY PARKS AND OPEN SPACE



The History

In the 1870s sawmills and mining operations sprang up along Boulder and Fourmile Canyons. The town of Orodell was established at the junction of these two canyons, immediately adjacent to the present Betasso Preserve. A general store, post office, and school served the visitors and residents of Orodell. Five stage coaches passed through Orodell daily, enroute from Boulder to Nederland. In 1883 most of Orodell was destroyed by a fire and in 1894 the sawmill and gold mill were destroyed in a flood, never to be rebuilt.

Eighteen years passed before the land above Orodell, now Betasso Preserve, was homesteaded. In 1912 the Blanchard family homesteaded 160 acres. In 1915 Steve Betasso, a hard rock miner from Fourmile Canyon, purchased this small ranch. Steve, together with his sons Dick and Ernie, expanded the ranch with their profits from gold and tungsten mining.

Using the Betasso Ranch for their cattle operations, Dick and Ernie wintered the cattle on the ranch, driving the herds to Mammoth Basin in the summer to feed on the lush high country rangelands.

In 1976 Boulder County purchased 712 acres of the ranch from Ernie Betasso. Ernie wanted others to enjoy his land as he had. Until his death in 1983, Ernie helped the Boulder County Parks and Open Space department oversee Betasso Preserve. Subsequent purchases were made, and the park now totals 773-acres (309.2 hectares).

The Geology

Betasso Preserve is underlain by one of the oldest rock types in Boulder County —the Boulder Creek granodiorite. Dated by geologists at 1.7 billion years old, this rock is classified as igneous, a rock that is formed from molten material. This material was forced upward from deep within the earth, probably during an ancient episode of



mountain building. It did not flow out onto the earth's surface like lava, but cooled and hardened very slowly below. The slow cooling period allowed the mineral crystals to grow large enough to be visible to the naked eye.

A good place to examine Boulder Creek granodiorite is Bummer's Rock. If you look at a piece of this rock you can see the pink and white feldspar minerals, the clear quartz and the dark mica minerals.

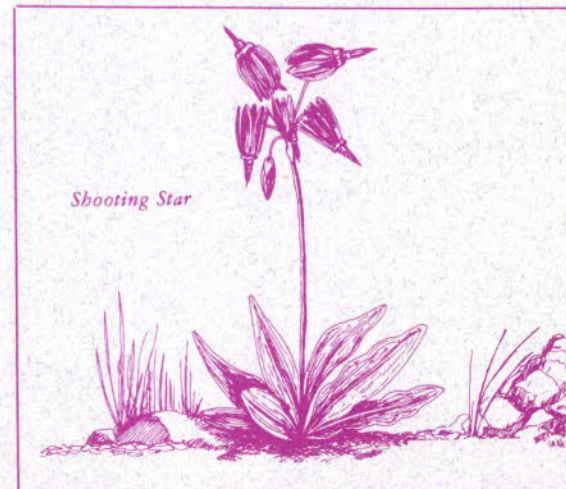
Mountain uplift occurred several times in the area, and each time the mountains were worn down by wind and water to low rolling hills or flat plains. Around 70 million years ago, the Rocky Mountain uplift began, forming the great peaks and creating most of the area's rich mineral deposits. Solutions that were rich in precious minerals were intruded into cracks in the older Boulder Creek granodiorite and often formed rich mineral veins when they solidified. Betasso Preserve lies within the northeast corner of the Colorado Mineral Belt, and the area is surrounded by abandoned gold and tungsten mines.

Since the great Rocky Mountain uplift, erosion has been the dominant force sculpting Betasso Preserve. The property is bounded by Boulder Canyon and Fourmile Canyon, and both have carved deep valleys in the rock. In the past when the great valley glaciers above 8,000-feet began to melt, these streams carried considerably more water and rock than they do today. In the late spring and early summer however, you can see how the stream flow continues to shape the topography.

The Plant Life

Ponderosa pine forests cover most of the 773 acres of Betasso Preserve. Ponderosa pine is the only conifer in the area with needles more than three inches long. Near the picnic area and along the trail you'll notice the pine trees are interspersed with shrubs and grasses. One of the more common shrubs is skunk brush, a small bush with three-parted leaves. Crush a twig between your fingers and smell it to discover how this plant got its name. Between the trees and in the meadows are a variety of native and introduced grasses. Native blue grama grass is one of these. Its flowers form "eyelashes" on the short stalks. Other grasses, such as cheatgrass, were introduced to Betasso Preserve as the result of cattle grazing. Cheatgrass is another small but conspicuous grass that is common along the trail. Its flowers nod from its stalks.

Douglas fir trees grow on steep, shady, moist north-facing slopes and ravines at Betasso. Douglas fir has much shorter needles than ponderosa pine. In the spring, as you pass through fir-covered ravines on the trail, look for shooting star, a flower with bright pink petals pulled back from its yellow center and growing in moist areas along the stream. This plant is among the showiest of wildflowers at Betasso Preserve.



The Wildlife

The pine and fir forests, streams and meadows are habitat for a variety of birds and mammals. Pygmy nuthatches, small blue and black birds with brownish caps, can sometimes be seen feeding on the female cones of the ponderosa pine. As you walk through the quiet forests you may be alarmed by a loud hammering noise. This is probably a woodpecker searching for its food of insects in an old, dead tree — or it may be creating a hole to nest in. In the summer you may see a Townsend's solitaire, a medium-sized gray bird with a white eye ring, in the fir forest feeding on insects. But in the winter, watch for this bird in the pine and junipers because at this time of the year the Townsend's solitaire feeds on juniper berries.

Abert's squirrels are often seen in the pine trees near the picnic area feeding on the pine cones. These dark brown or black tufted-eared squirrels are found only where there are ponderosa pines because they depend on the pines for feeding and nesting. Abert's squirrels do not cache food for the winter like other squirrels. Rather, in the winter, they feed on the inner bark of pine twigs. Mule deer, coyotes, cottontail rabbits and yellow-bellied marmots also call Betasso Preserve home.

Boulder County Parks and Open Space
Betasso Preserve Forestry Management Prescriptions 2004

STAND 1 Unit B- Ponderosa Pine

60 ACRES

Management Objectives for Stand 1 Unit B- See Map

- Reduce risk of a catastrophic wildfire disturbance event for protection of the forest, wildlife, water shed and all resources and surrounding private lands
- Generating an East-West Fuel Break connecting area to be thinned to the surrounding topography
- Forest ecosystem health improvement fostering increased resistance to insect and disease epidemics, increased species diversity in the under story and continue to improve the potential of this stand for old growth
- Maintain and increase the quality of wildlife habitat throughout the entire site

Present Condition of Fire Mitigation Stand 1 Unit B- See Map

Species distribution is 100% Ponderosa pine. Duff and grass are the primary ground covers. The stand is generally stocked with mature ponderosa pine individuals in the 6"-18" diameter class. The basal area on average is 209 sq.ft. /ac. Access is moderate with an average 23% slope with a maximum of 35% observed on east to northeast aspects. The average trees per acre are 321. Dwarf mistletoe (DM) infestation in Ponderosa pines is heavy in pockets throughout the stand, with it affecting mostly mid to older aged trees. Fifty-one percent of all trees surveyed in variable radius plots were rated with severe (greater than 5/3) DM infestations. Overall tree vigor is fair. The majority of trees are green and living, however a number of snags are present due to recent drought stress kill in trees heavily infested with dwarf mistletoe. Growth rates are severely stunted due to overcrowding and the severe DM infestation. Regeneration consists of 100% Ponderosa pine. However, recruitment is basically stagnant as there were only a total of 9 seedlings and saplings observed. All data has been reported in Table 1. The median age of this stand is 97 years before present with the oldest tree observed at 133 ypb. (See View 2)

Table 1			
Stand Characteristics		Ground Cover	
Oldest Tree	97 ybp	Grass	38%
Largest DBH	20"	Forbs	8%
Avg. DBH	13.6"	Duff	37%
Avg. Ht	35ft.	Rock	10%
Avg. Age Cored	133 ybp	Soil	0%
Avg. Stocking	321 stems/acre	Litter	7%
Avg. Slope	23%	Spp. Composition	100% Ponderosa Pine
Regeneration	100% Ponderosa Pine	Canopy Closure	63%

Recommendations

Create a shaded fuel break by thinning from below all regeneration up to 8" DBH. There are many pockets of Ponderosa pine that have DM ratings of 5/3 or higher. These areas should be managed to preserve the resource by isolating the threat of mistletoe through mechanical thinning. Additionally, certain pockets selected by foresters may be clear-cut to facilitate the recruitment of new non-infested Ponderosa Pine seedlings. This treatment will tie into a continuous fire break into a stand west of Bummers' Rock was thinned in the mid to late 1970's for Mountain Pine Beetle treatment. The stand should remain in Ponderosa pine as the climax community and RMJ and Douglas Fir should be managed as a secondary stand component. The Ponderosa Pine and the understory species would benefit from prescribed fire activities in the future.

Prescriptions for Stand 1 Unit B

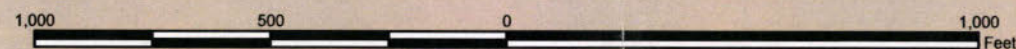
- Create a Shaded Fuel Break
- Thin from below all regeneration up to 8" DBH
- Reduce Stems per Acre from 321 to 147 on average
- Reduce Basal Area to 180 sq. ft./ac
- Selective removal of PP between 6" and 12" DBH which have severe DM ratings 5/3
- Opening of some pure meadow areas for clean PP recruitment and DM barrier, wildlife usage and mosaic development of habitat
- Selective thinning of regeneration to alleviate ladder fuels
- All marketable wood will be removed and slash will be piled and burned or chipped to reduce fuel loads in the area
- Stumps will be cut to less than 3" and dressed to maintain aesthetic value
- Restore aesthetic value through the creation of habitat mosaics and opening the area to mostly Ponderosa pine montaine



Legend

- open_space
- Stand 1 Unit A
- Stand 1 Unit B Proposed

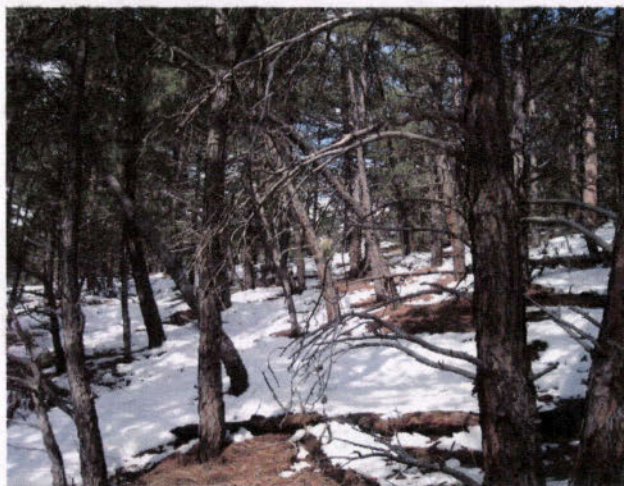
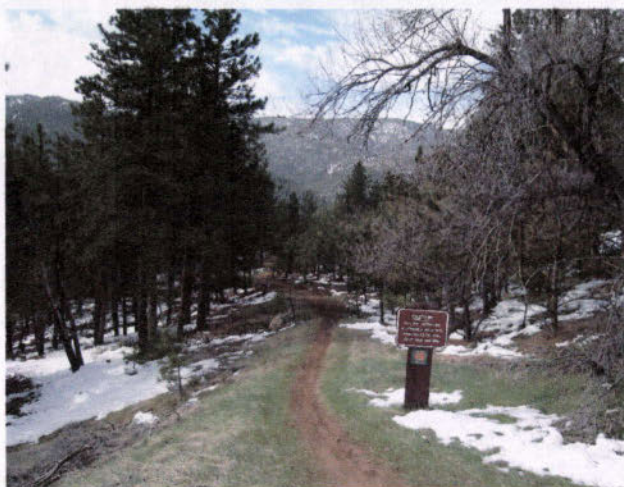
Boulder County Open Space Betasso Preserve Fire Mitigation Project



DISCLAIMER:
This map is for illustrative purposes only, and is not suitable for parcel specific decision making. The areas depicted here are approximate. More site specific studies may be required to draw accurate conclusions.

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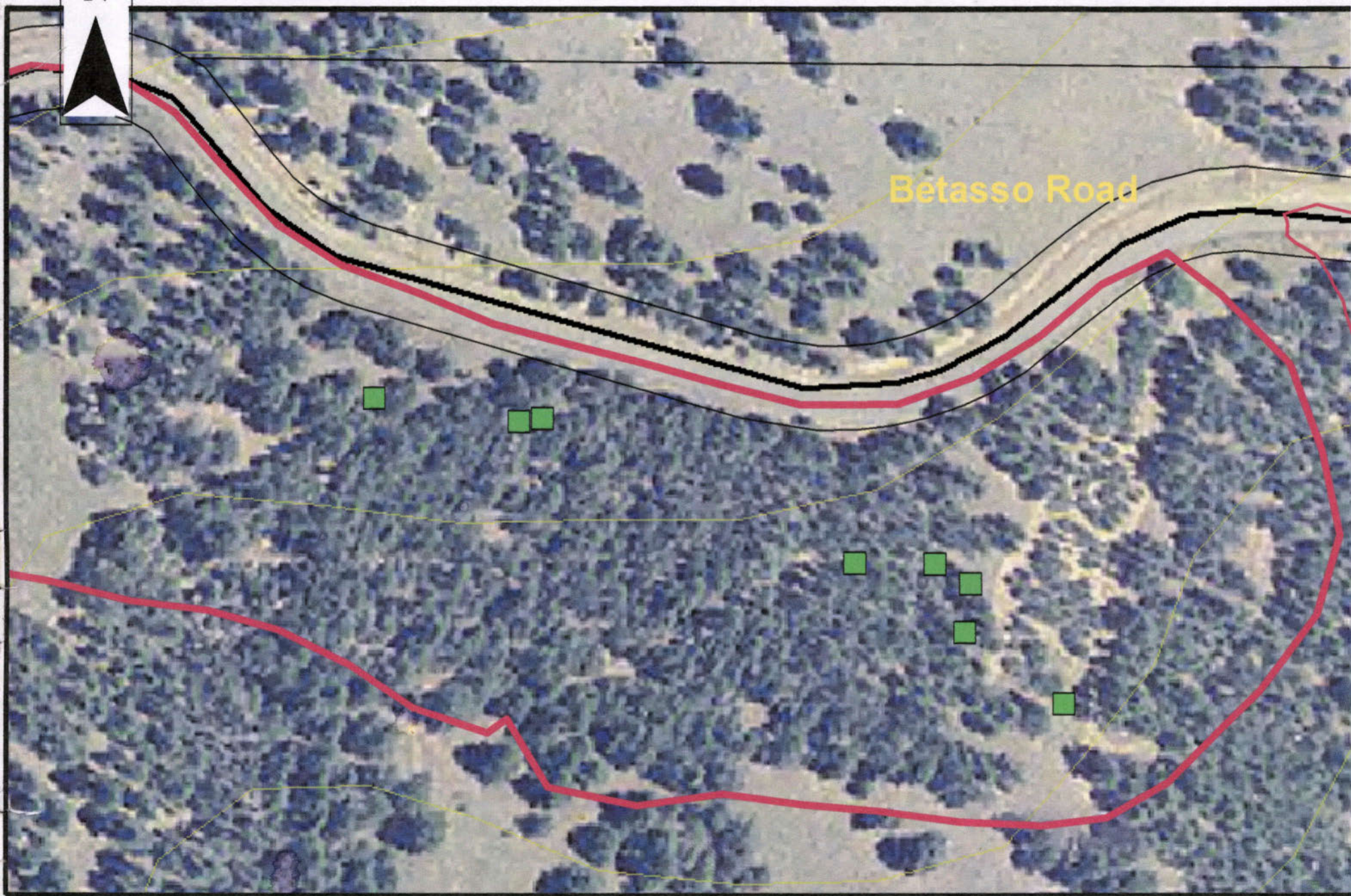






Betasso Road

0 137.5 275 550 Feet









Colorado State Forest Service

Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Bureau of Land Management Task Order Program	
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	
Economic Action Program (a.k.a.: EAP or Utilization Marketing "UMAC")	
Forest Land Enhancement Program (a.k.a.: FLEP)	
Insect Disease and Prevention and Suppression Program	
State Fire Assistance (a.k.a.: SFA)	
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	X
Stewardship Incentives Program (SIP)	
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	

Name: City of Boulder – Utilities Division

Address: 1739 Broadway

PO Box 791

Boulder, CO 80306

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

Grant Number: **536828**Cooperator Match: **\$3,529.52**

Approved Funding: **\$33,000**

Total Project: \$53,016.35

CSFS Account Number: **536828**

Amount of Payment: **\$2,660.29**

Circle one: 1st Payment 2nd Payment 3rd Payment Final Payment

Approved by: _____
(Program manager signature)

Date: _____



**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT FOR REIMBURSEMENT**

*Project No. Betasso Hydro
(For Official Use Only-
No. from original application)*

Applicant name (please print): City of Boulder Utilities

	Total Contracted Services¹	Total Landowner Services²	Totals
Labor Cost		\$6,189.81 (attached timesheet)	A Labor Cost= \$6,189.81
Operating Exp ^{3,*}			B Oper. Exp.= 0
Revenue Generated (from sale of wood products only) ^{4,*}			C Revenue= 0
Project Cost			D Total Project (A+B-C) = \$6,189.81
			Amount Originally Approved = \$33,000
How much of your total cost was paid to CSFS for Products and/or Services? <u>\$ 0</u>			Amount to be Reimbursed ⁵ (.5XD) \$2,660.29

¹ Any contracted services where payment was made for services.

² Use up to \$ 11.68/hour for Landowner time. This is the maximum allowable.

³ Equipment rental, supplies, etc. needed to complete project. (Tools and Equipment purchases are not reimbursable.)

⁴ Any revenue generated from the sale of wood products is deducted from total project cost.

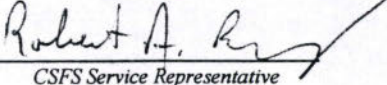
⁵ Reimbursement amount cannot exceed amount approved. There are no partial payments for FLEP or without prior approval.

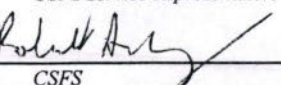
* Attach receipts, Cost Documentation Form (contractor costs, your time ledger, gas, oil, etc). Keep copies for your files.

Landowner Signature:  Date: 3/23/06

Mailing Address: 1739 Broadway, PO Box 791 City: Boulder

County: Boulder State: CO Zip: 80306 Phone: (303) 441-3115

Practice certified by: 
CSFS Service Representative

Payment Approval:  Amount: \$2,660.29 Date: 4/4/06
CSFS

Return this form, along with your completed Cost Documentation Form to your local **Colorado State Forest Service District Office**.
Landowner Assistance Program funds may be reportable as taxable income. Please consult your tax advisor.

**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT (page 2)**

Project No. Betasso Hydro

To be completed by CSFS:

PROGRAM: FRFTP
From application and Form E

Record Accomplishment:

WUI D-space Accomplishment:

No. of D-spaces= _____ Acres slash disposal= _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

I & D Prevention and Suppression Accomplishment:

No. of infested trees treated: _____

Acres inspected and treated: _____

Acres thinned: _____

FLEP Accomplishment:

#1 Plan Acres = _____	#5 Acres = _____	#9 Acres treated = _____
#2 Acres tree planting = _____	#6 Acres treated = _____	#10 Acres of restoration = _____
Acres treated = _____	#7 Acres treated = _____	#11 Acres = _____
#3 Acres treated = _____	#8 Acres treated = _____	
#4 Acres planted/ renovated = _____		

FRFTP Accomplishment:

No. of D-spaces= _____ Acres slash disposal= 20 _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
12/18/2006	Richard Palestro	\$14.00	24	\$336.00	45.36	\$381.36
1/1/2006		\$14.00	8	\$112.00	15.12	\$127.12
3/12/2006		\$14.00	16	\$224.00	30.24	\$254.24
3/26/2006		\$14.00	46	\$644.00	86.94	\$730.94
12/18/2006	Matthew Watson	\$12.50	24	\$300.00	40.5	\$340.50
1/1/2006		\$12.50	8	\$100.00	13.5	\$113.50
3/12/2006		\$12.50	16	\$200.00	27	\$227.00
3/26/2006		\$12.50	46	\$575.00	77.625	\$652.63
12/18/2006	Brian James	\$12.50	24	\$300.00	40.5	\$340.50
1/1/2006		\$12.50	8	\$100.00	13.5	\$113.50
3/12/2006		\$12.50	8	\$100.00	13.5	\$113.50
3/26/2006		\$12.50	16	\$200.00	27	\$227.00
12/18/2006	Brian Oliver	\$24.07	24	\$577.68	77.9868	\$655.67
1/1/2006		\$24.07	8	\$192.56	25.9956	\$218.56
3/12/2006		\$24.07	16	\$385.12	51.9912	\$437.11
3/26/2006		\$24.07	46	\$1,107.22	149.4747	\$1,256.69
TOTAL				\$5,453.58	736.2333	\$6,189.81



Colorado State Forest Service

Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Bureau of Land Management Task Order Program	
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	
Economic Action Program (a.k.a.: EAP or Utilization Marketing "UMAC")	
Forest Land Enhancement Program (a.k.a.: FLEP)	
Insect Disease and Prevention and Suppression Program	
State Fire Assistance (a.k.a.: SFA)	
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	X
Stewardship Incentives Program (SIP)	
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	

Name: City of Boulder – Utilities Division

Address: 1739 Broadway

PO Box 791

Boulder, CO 80306

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

Grant Number: **536828**

Cooperator Match: **\$7,627.21**

Approved Funding: **\$33,000**

Total Project: **\$46,826.44**

CSFS Account Number: **536828**

Amount of Payment: **\$7,627.21**

Circle one: 1st Payment 2nd Payment 3rd Payment Final Payment

Approved by: _____
(Program manager signature)

Date: _____



LANDOWNER ASSISTANCE PROGRAMS ACCOMPLISHMENT REPORT FOR REIMBURSEMENT

Project No. Betasso Hydro

(For Official Use Only-

No. from original application)

Applicant name (please print): City of Boulder Utilities

	Total Contracted Services ¹	Total Landowner Services ²	Totals
Labor Cost	\$15,254.42 (see attached timesheet)		A Labor Cost= \$15,254.42
Operating Exp ^{3,*}			B Oper. Exp.= 0
Revenue Generated (from sale of wood products only) ^{4,*}			C Revenue= 0
Project Cost			D Total Project (A+B-C) = \$15,254.42
			Amount Originally Approved = \$33,000.00
How much of your total cost was paid to CSFS for Products and/or Services? <u>\$ 0</u>			Amount to be Reimbursed ⁵ (.5X D) \$7,627.21

¹ Any contracted services where payment was made for services.² Use up to \$ 11.68/hour for Landowner time. This is the maximum allowable.³ Equipment rental, supplies, etc. needed to complete project. (Tools and Equipment purchases are not reimbursable.)⁴ Any revenue generated from the sale of wood products is deducted from total project cost.⁵ Reimbursement amount cannot exceed amount approved. There are no partial payments for FLEP or without prior approval.

* Attach receipts, Cost Documentation Form (contractor costs, your time ledger, gas, oil, etc). Keep copies for your files.

Landowner Signature: Joanna M. StansburyDate: 7/12/05Mailing Address: 1739 Broadway, PO Box 791City: BoulderCounty: Boulder State: CO Zip: 80306Phone: (303) 441-3115Practice certified by: Robert A. Bundy
CSFS Service RepresentativePayment Approval: Robert A. Bundy

CSFS

Amount: \$7,627.21 Date: July 5, 2005Return this form, along with your completed Cost Documentation Form to your local **Colorado State Forest Service District Office**.
Landowner Assistance Program funds may be reportable as taxable income. Please consult your tax advisor.

LOA 6/10/04

**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT (page 2)**

Project No. Betasso Hydro

To be completed by CSFS:

PROGRAM: FRFTP
From application and Form E

Record Accomplishment:

WUI D-space Accomplishment:

No. of D-spaces= _____ Acres slash disposal= _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

I & D Prevention and Suppression Accomplishment:

No. of infested trees treated: _____
Acres inspected and treated: _____
Acres thinned: _____

FLEP Accomplishment:

#1 Plan Acres = _____	#5 Acres = _____	#9 Acres treated = _____
#2 Acres tree planting = _____	#6 Acres treated = _____	#10 Acres of restoration = _____
Acres treated = _____	#7 Acres treated = _____	#11 Acres = _____
#3 Acres treated = _____	#8 Acres treated = _____	
#4 Acres planted/ renovated = _____		

FRFTP Accomplishment:

No. of D-spaces= _____ Acres slash disposal= 14 Acres fuel breaks = _____
Acres thinned= 14 Acres pruned= 14

Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
4/10/2005	Richard Palestro	\$13.50	40	540	72.9	\$612.90
4/24/2005			30	405	54.68	\$459.68
5/8/2005			60	810	109.35	\$919.35
5/22/2005			50	675	91.13	\$766.13
6/5/2005			30	405	54.68	\$459.68
6/19/2005			30	405	54.68	\$459.68
4/10/2005	Matthew Watson	\$12.00	40	\$480.00	64.8	\$544.80
4/24/2005		\$12.00	30	\$360.00	48.6	\$408.60
5/8/2005		\$12.00	60	\$720.00	97.2	\$817.20
5/22/2005		\$12.00	50	\$600.00	81	\$681.00
6/5/2005		\$12.00	30	\$360.00	48.6	\$408.60
6/19/2005		\$12.00	30	\$360.00	48.6	\$408.60
4/10/2005	Brian James	\$12.00	40	\$480.00	64.8	\$544.80
4/24/2005		\$12.00	30	\$360.00	48.6	\$408.60
5/8/2005		\$12.00	60	\$720.00	97.2	\$817.20
5/22/2005		\$12.00	50	\$600.00	81	\$681.00
6/5/2005		\$12.00	30	\$360.00	48.6	\$408.60
6/19/2005		\$12.00	30	\$360.00	48.6	\$408.60
4/10/2005	James Gonzales	\$13.00	40	\$520.00	70.2	\$590.20
4/24/2005		\$13.00	30	\$390.00	52.65	\$442.65
5/8/2005		\$13.00	60	\$780.00	105.3	\$885.30
5/22/2005		\$13.00	50	\$650.00	87.75	\$737.75
6/5/2005		\$13.00	30	\$390.00	52.65	\$442.65
6/19/2005		\$13.00	30	\$390.00	52.65	\$442.65
5/22/2005	Michael Chambers	\$12.00	50	\$600.00	81	\$681.00
6/5/2005		\$12.00	30	\$360.00	48.6	\$408.60
6/19/2005		\$12.00	30	\$360.00	48.6	\$408.60
TOTAL				\$13,440.00	1814.42	\$15,254.42



LANDOWNER ASSISTANCE PROGRAMS ACCOMPLISHMENT REPORT FOR REIMBURSEMENT

Project No. Betasso Hydro
(For Official Use Only-
No. from original application)

Applicant name (please print): City of Boulder Utilities

	Total Contracted Services ¹	Total Landowner Services ²	Totals
Labor Cost	\$7,374.76 (sum of 3 attached timesheets)	\$595.68 (Volunteer Hours) + \$969.44 (Cooperator hours)	A Labor Cost= \$8,939.88
Operating Exp ^{3,*}		1,303.54 (Chipping Cost) + 326.85 (See Expenses Sheet)	B Oper. Exp.= \$1,630.39
Revenue Generated (from sale of wood products only) ^{4,*}			C Revenue= 0
Project Cost			D Total Project (A+B-C) = \$10,570.27
			Amount Originally Approved = \$33,000.00
How much of your total cost was paid to CSFS for Products and/or Services? <u>\$ 0</u>			Amount to be Reimbursed ⁵ (.5XD) \$5,250.00

¹ Any contracted services where payment was made for services.

² Use up to \$ 11.68/hour for Landowner time. This is the maximum allowable.

³ Equipment rental, supplies, etc. needed to complete project. (Tools and Equipment purchases are not reimbursable.)

⁴ Any revenue generated from the sale of wood products is deducted from total project cost.

⁵ Reimbursement amount cannot exceed amount approved. There are no partial payments for FLEP or without prior approval.

* Attach receipts, Cost Documentation Form (contractor cost, your time ledger, gas, oil, etc). Keep copies for your files.

Landowner Signature: Joanna M Stansbury

Date: 9/17/04

Mailing Address: 1739 Broadway, PO Box 791

City: Boulder

County: Boulder State: CO Zip: 80306

Phone: (303) 441-3115

Practice certified by: Robert A. Bundy

CSFS Service Representative

Payment Approval: Robert A. Bundy

CSFS

Amount: \$5,250.00 Date: September 13, 2004

Return this form, along with your completed Cost Documentation Form to your local Colorado State Forest Service District Office.
Landowner Assistance Program funds may be reportable as taxable income. Please consult your tax advisor.

LOA 6/10/04

**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT (page 2)**

Project No. Betasso Hydro

To be completed by CSFS:

PROGRAM: FRFTP
From application and Form E

Record Accomplishment:

WUI D-space Accomplishment:

No. of D-spaces= _____ Acres slash disposal= _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

I & D Prevention and Suppression Accomplishment:

No. of infested trees treated: _____
Acres inspected and treated: _____
Acres thinned: _____

FLEP Accomplishment:

#1 Plan Acres = _____	#5 Acres = _____	#9 Acres treated = _____
#2 Acres tree planting = _____	#6 Acres treated = _____	#10 Acres of restoration = _____
Acres treated = _____	#7 Acres treated = _____	#11 Acres = _____
#3 Acres treated = _____	#8 Acres treated = _____	
#4 Acres planted/ renovated = _____		

FRFTP Accomplishment:

No. of D-spaces= _____ Acres slash disposal= 6 Acres fuel breaks = _____
Acres thinned= 6 Acres pruned= 6

**LANDOWNER ASSISTANCE PROGRAMS
COST DOCUMENTATION**

I have incurred the following expenses for completion of the LOA Program practice for which I have been funded. These expenses are itemized below. Labor rate to be used if landowner is doing the work is \$11.68/hr. Separate expenses by component (activity). Attach receipts.

Robert A. Bundy

CSFS Witness

Volunteer and Cooperator Hours

Date	By Whom:	Activity/Expense:	Hours	Labor Rate (\$11.68)
5/11/04	<u>Volunteer</u>			
	1-Ford Church	Supervision/ Creating Slash Piles	3	\$35.04
	2-Conor Clarke	Creating Slash Piles	3	\$35.04
	3-Shannon Clearly	Creating Slash Piles	3	\$35.04
	4-Eric Ellison	Creating Slash Piles	3	\$35.04
	5-Dane Hansen	Creating Slash Piles	3	\$35.04
	6-Jeff Harper	Creating Slash Piles	3	\$35.04
	7-Daniel Herwitt	Creating Slash Piles	3	\$35.04
	8-Dan Kantz	Creating Slash Piles	3	\$35.04
	9-Sean Kloppenburg	Creating Slash Piles	3	\$35.04
	10-Tanner Mainero	Creating Slash Piles	3	\$35.04
	11-Rachel Malmborg	Creating Slash Piles	3	\$35.04
	12-Sydney Morauer	Creating Slash Piles	3	\$35.04
	13-Dana Nelson	Creating Slash Piles	3	\$35.04
	14-Galen O'Shea-Stone	Creating Slash Piles	3	\$35.04
	15-Denae Rosato	Creating Slash Piles	3	\$35.04
	16-Roxanna Sears	Creating Slash Piles	3	\$35.04
	17-Peter Zola	Creating Slash Piles	3	\$35.04
		VOLUNTEER TOTALS	51	\$595.68
4/1/04 – 9/13/04	<u>Cooperator</u>			
	Joanna Stansbury	Project Planning & Management	20	\$233.60
	Greg Toll	Project Planning & Management	20	\$233.60
	Eric Philips	Tree Marking & Assistance	16	\$186.88
	Cory Secher	Tree Marking & Assistance	16	\$186.88
	Allen Owen	Tree Marking & Assistance	6	\$70.08
	Kerry Dooley	MPB Survey & Tree Marking	5	\$58.40
				:
		COOPERATOR TOTALS	83	\$969.44

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period; April 1, 2004 through September 13, 2004Summary of expenditures incurred by: Joanna Stansbury
for the purpose of: Front Range Fuels Treatment (FRFTP)

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	20 hrs \$233.60		\$233.60
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$233.60		\$233.60

GRANT AMOUNT (awarded through CSFS, if applicable): \$33,000Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

(1) Use \$11.68 / hour for volunteered time and effort.

(2) Exclude payments to the Colorado State Forest Service for services related to this project.

(3) Exclude all federal source funds related to this project.

(4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Joanna M. Stansbury Date: 9/17/04Name / Title: Joanna M. Stansbury / Water Resource SpecialistAddress: 1739 Broadway, PO Box 791, ECity: Boulder County: Boulder State: CO Zip: 80306CSFS Signature/Title: Robert A. Bury (FRFTP signature)CSFS District Signature: Allen Owen

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period: April 1, 2004 through September 13, 2004Summary of expenditures incurred by: Greg Tollfor the purpose of: Front Range Fuels Treatment (FRFTP)

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	20 hrs \$233.60		\$233.60
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$233.60		\$233.60

GRANT AMOUNT (awarded through CSFS, if applicable): \$33,000Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

(1) Use \$11.68 / hour for volunteered time and effort.

(2) Exclude payments to the Colorado State Forest Service for services related to this project.

(3) Exclude all federal source funds related to this project.

(4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Greg Toll Date: 9.17.04Name / Title: Greg Toll Wildland Fire SupervisorAddress: 1805 33rd St.City: Boulder County: Boulder State: CO Zip: 80301CSFS Signature/Title: Robert A. [Signature] (FRFTP signature)CSFS District Signature: Allen Owen

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period; April 1, 2004 through September 13, 2004Summary of expenditures incurred by: Boulder County Wildfire Mitigation Group / Land Use Departmentfor the purpose of: Front Range Fuels Treatment (FRFTP)

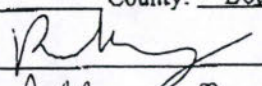
(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	16 hrs x \$11.68/hr		\$186.88
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)			\$186.88

GRANT AMOUNT (awarded through CSFS, if applicable): \$33,000Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use \$11.68 / hour for volunteered time and effort.
- (2) Exclude payments to the Colorado State Forest Service for services related to this project.
- (3) Exclude all federal source funds related to this project.
- (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature:  Date: 20 September 2004Name / Title: Eric Phillips, Wildfire Mitigation CoordinatorAddress: P.O. Box 471 13th and Spruce StreetsCity: Boulder County: Boulder State: CO Zip: 80306CSFS Signature/Title:  (FRFTP Forester)CSFS District Signature: Allen Owen

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

COOPERATIVE EXPENDITURE REPORTReport Period April 1, 2004 through September 13, 2004Summary of expenditures incurred by: Cory Secher
for the purpose of: Front Range Fuels Treatment (FRFTP)

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	16 hrs \$186.88		\$186.88
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$186.88		\$186.88

GRANT AMOUNT (awarded through CSFS, if applicable) \$ 33,000

Grant Type/Name/Number: FRFTP / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use **\$11.68 / hour** for volunteered time and effort.
 (2) Exclude payments to the Colorado State Forest Service for services related to this project.
 (3) Exclude all federal source funds related to this project.
 (4) Qualifying expenses relate directly to the forestry project reported on this form.

Cooperator Signature: Cory Secher Date: 9-16-04Name / Title: Cory Secher (Forester)Address: 5625 Ute HighwayCity: Longmont County: Boulder State: CO Zip: 80503CSFS Signature/Title: Robert [Signature] (FRFTP signature)CSFS District Signature: Allen Owen

Return this form to:

CSFS District Office

COOPERATIVE EXPENDITURE REPORTReport Period: April 1, 2004 through September 13, 2004Summary of expenditures incurred by: Allen Owenfor the purpose of: Front Range Fuels Treatment (FRFTP)

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

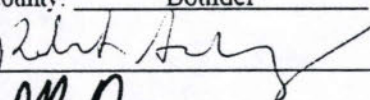
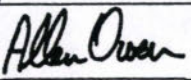
CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	6 hours \$70.08		\$70.08
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$70.08		\$70.08

GRANT AMOUNT (awarded through CSFS. *if applicable*): \$33,000

Grant Type/Name/Number: Front Range Fuels Treatment (FRFTP) / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use **\$11.68 / hour** for volunteered time and effort.
- (2) Exclude payments to the Colorado State Forest Service for services related to this project.
- (3) Exclude all federal source funds related to this project.
- (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Date: September 20, 2004Name / Title: Allen Owen / CSFS District ForesterAddress: 5625 Ute HighwayCity: Longmont County: Boulder State: CO Zip: 80503CSFS Signature/Title:  (FRFTP forester)CSFS District Signature: 

Return this form to:

CSFS Boulder District Office

Fax: (303) 823-5768

COOPERATIVE EXPENDITURE REPORTReport Period April 1 2004 through September 13 2004Summary of expenditures incurred by: Kerry Dooleyfor the purpose of: Front Range Fuels Treatment (FRFTP)

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort(1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)	5 hrs x \$11.68 \$58.40		\$58.40
2. Operating Expense			
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)	\$58.40		\$58.40

GRANT AMOUNT (awarded through CSFS, if applicable) \$ 33,000Grant Type/Name/Number: FRFTP / Betasso Hydro

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

(1) Use \$11.68 / hour for volunteered time and effort.

(2) Exclude payments to the Colorado State Forest Service for services related to this project.

(3) Exclude all federal source funds related to this project.

(4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Kerry Dooley Date: 9-16-04Name / Title: Kerry Dooley (MPB Forester)Address: 5625 Ute HighwayCity: Longmont County: Boulder State: CO Zip: 80503CSFS Signature/Title: Rubiny (FRFTP signature)CSFS District Signature: Allen Owen

Return this form to:

CSFS District Office

LANDOWNER ASSISTANCE PROGRAMS COST DOCUMENTATION

I have incurred the following expenses for completion of the LOA Program practice for which I have been funded. These expenses are itemized below. Labor rate to be used if landowner is doing the work is \$11.68/hr. Separate expenses by component (activity). Attach receipts.

Robert A. Bundy

CSFS Witness

City Employee Time & Expenses

Date	By Whom:	Activity/Expense:	Hours	Expenses
4/12/04 – 5/9/04	City of Boulder	Forest Treatment (Timesheet 1)		\$3,641.16
5/10/04 – 6/6/04	City of Boulder	Forest Treatment (Timesheet 2)		\$2,894.21
6/7/04 – 6/20/04	City of Boulder	Forest Treatment (Timesheet 3)		\$839.39
		Forest Treatment Cost Total		\$7,374.76
6/30/04	City of Boulder	Chipper Rental (See Attached Receipt)		\$630.40
7/28/04	City of Boulder	Chipper Rental (See Attached Receipt)		\$673.14
		Chipper Rental Cost Total		\$1,303.54
4/19/04	City of Boulder	Total Misc. Expenses (See Attached Invoice Payment Sheet)		\$326.85
				:

City of Boulder Timesheet Summary Report							
Pay Oca	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
343901	25-Apr-04	Chambers Michael J	\$11.00	6.00	66.00	9.00	75.00
	9-May-04			25.00	275.00	37.56	312.56
							Sum: 387.56
	25-Apr-04	Gonzales James T	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			23.00	253.00	34.61	287.61
							Sum: 487.69
	25-Apr-04	Heisick Daniel T	\$13.45	16.00	215.20	29.43	244.63
	9-May-04			25.00	336.25	45.92	382.17
							Sum: 626.80
	9-May-04	James Brian D	\$11.00	25.00	275.00	37.56	312.56
							Sum: 312.56
	25-Apr-04	Nelson Randall G	\$11.00	5.00	55.00	7.52	62.52
	9-May-04			10.00	110.00	15.03	125.03
							Sum: 187.55
	25-Apr-04	Oliver Brian C	\$15.00	11.00	165.00	22.49	187.49
	9-May-04			25.00	375.00	51.21	426.21
							Sum: 613.70
	25-Apr-04	Watson Matthew S	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			25.00	275.00	37.58	312.58
							Sum: 512.66
	25-Apr-04	Weller James M	\$11.00	16.00	176.00	24.08	200.08
	9-May-04			25.00	275.00	37.56	312.56
						Sum April 25, 2004	\$1,169.88
						Sum May 9, 2004	\$2,471.28
						Sum total	\$3,641.16

City of Boulder Timesheet Summary Report 2

Pay Oca:343901

	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
	23-MAY-2004	Chambers Michael J	\$11.00	32	352	43.13	395.13
	06-JUN-2004			0	0	0	0
							395.13
	23-MAY-2004	Gonzales James T	\$11.00	0	0	0	0
	06-JUN-2004			10	110	14.78	124.78
							124.78
	23-MAY-2004	Heisick Daniel T	\$13.45	20	269	32.8	301.8
	06-JUN-2004			10	134.5	20.37	154.87
							456.67
	23-MAY-2004	James Brian D	\$11.00	20	220	29.94	249.94
	06-JUN-2004			10	110	14.78	124.78
							374.72
	23-MAY-2004	Nelson Randall G	\$11.00	10	110	15.04	125.04
	06-JUN-2004			10	110	15.05	125.05
							250.09
	23-MAY-2004	Oliver Brian C	\$15.00	25	375	44.82	419.82
	06-JUN-2004			10	150	24.11	174.11
							593.93
	23-MAY-2004	Watson Matthew S	\$11.00	20	220	29.15	249.15
	06-JUN-2004			10	110	14.98	124.98
							374.13
	23-MAY-2004	Weller James M	\$11.00	16	176	22.63	198.63
	06-JUN-2004			10	110	16.13	126.13
							324.76
						Sum 5-23-04	\$1,939.51
						Sum 6-6-04	\$954.70
						Sum Total	\$2,894.21

City of Boulder Timesheet Summary Report 3

Pay Oca:343901

	Pay Period End	Emp Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
	6/20/2004	Chambers Michael J	\$11.00	5	55	7.44	62.44
							62.44
	6/20/2004	Gonzales James T	\$11.00	10	110	14.76	124.76
							124.76
	6/20/2004	Heisick Daniel T	\$13.45	10	134.5	18.15	152.65
							152.65
	6/20/2004	James Brian D	\$11.00	10	110	14.84	124.84
							124.84
	6/20/2004	Nelson Randall G	\$11.00	10	110	15.09	125.09
							125.09
	6/20/2004	Oliver Brian C	\$15.00	0	0	0	0
							0
	6/20/2004	Watson Matthew S	\$11.00	10	110	14.84	124.84
							124.84
	6/20/2004	Weller James M	\$11.00	10	110	14.77	124.77
							124.77
						Sum Total	\$839.39

NationsRent
#199-Boulder
5401 Pearl Parkway
BOULDER, CO 80301
(303) 443-2050

Brian Oliver
Customer # 215754
Contract # 1015945
Out at 11:38am on 06-28-04
In at 11:31am on 06-30-04

Qty	Item Number	Price Ea	Extend
	(- RENTAL RETURNS -)		
1	505402093530	540.00	540.00
	Vermeer BC335 Wood Chipper 3"		

Qty	Item Number	Price Ea	Extend
	(- SOLD INVENTORY -)		
25	200000051853	0.50	10.00
	EAR PLUG UNCORDED		
	MFG - HMF SERIAL # MAX1		

Pre-Tax Sub Total	557.50
(Tax Exempt # 98-03489)	
Damage Waiver	+ 72.90
Environmental Fee	+ 7.50
Grand Total	630.40

Payment on 06-28-04 by [MC]	936.85
Refund on 06-30-04 by [MC]	506.45
Current Balance On Contract	10.00

Thank you! Please come again . . .

06-30-04 11:31am Dave Cline

Acct#: XXXXXXXXXXXX9783 (MC)
Exp. Date: 02/06
Auth#: 050788

Trans ID #: 06280CFIKTRGX
Retrieval#: 418017123313
Merchant #: 352365701996

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO THE CARD ISSUER AGREEMENT

Signature _____

TOP COPY - MERCHANT
BOTTOM COPY - CUSTOMER

NationsRent
#199-Boulder
5401 Pearl Parkway
BOULDER, CO 80301
(303) 443-2050

Boulder Fire Rescue Wildl
Customer # 216835
Contract # 1035270
Out at 09:23am on 07-29-04
In at 03:59pm on 07-29-04

Qty	Item Number	Price Ea	Extend
	(- RENTAL RETURNS -)		
1	505402093530	540.00	540.00
	Vermeer BC335 Wood Chipper 3"		

Pre-Tax Sub Total	547.50
Sales Tax	+ 52.74
Damage Waiver	+ 72.90
Environmental Fee	+ 7.50
Grand Total	673.14

Payment on 07-28-04 by [MC]	673.14
Current Balance On Contract	10.00

Thank you! Please come again . . .

07-29-04 04:55pm Rick Owen

Acct#: XXXXXXXXXXXX6267 (MC)
Exp. Date: 02/06
Auth#: 030447

Trans ID #: 07280CFLMF7FX
Retrieval#: 42101577588
Merchant #: 352365701996

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO THE CARD ISSUER AGREEMENT

Signature _____

TOP COPY - MERCHANT
BOTTOM COPY - CUSTOMER

Catastrophic Fire Risk Reduction Restoration Thinning Project

City of Boulder Utilities Division Betasso Water Treatment Plant

Invoice Date	Vendor Name	Total Amount	Itemized Amt	Description	Totals
4/12/2004	The Pack Shack, Inc.	\$78.20	\$78.20	Brief Case, large maroon	\$78.20
4/13/2004	Earl's Saw and Motor Shop	\$1,520.98	\$1,263.92	2 MS 460 Wrap 24" (160821467 and 160821480)	\$1,263.92
			\$32.28	One dozen wedges (2.69 each)	\$32.28
			\$11.96	4 Pk files (2.99 each)	\$11.96
			\$47.97	3 wedge and tool panch (15.99 each)	\$47.97
			\$164.85	3 felling axes (54.95 each)	\$164.85
4/19/2004	mfgsupply.com	\$69.79	\$15.95	4 8' Logging choker (5.99 shipping)	\$69.79
3/26/2004	the Supply Cache	\$869.25	\$34.75	Wildfire Cap ratchet (3)	\$34.75
			\$10.00	Signal mirror	\$10.00
			\$140.00	Weather meter	\$140.00
			\$39.00	ranger radio harness	\$39.00
			\$14.00	all weather spce blanket	\$14.00
			\$57.00	web gear (bottom only)	\$57.00
			\$23.00	Safari Compass	\$23.00
4/8/2004	the Supply Cache	\$104.25	\$34.75	Wildfire Cap ratchet (3)	\$104.25
4/20/2004	Bailey's	\$1,938.81	\$1,938.81	ATV Tandem log and dump trailer	\$1,938.81
5/9/2004	Employee compensation	\$3,641.16	see timesheet pay period 1 file	Staffing	\$3,641.16
5/23/2004	Employee compensation	\$2,894.21	see timesheet pay period 2 file	Staffing	\$2,894.21
6/20/2004	Employee compensation	\$839.39	see timesheet pay period 3 file	Staffing	\$839.39
4/30/2004	NEW MS 660 WRAP 36" 100 Ft. Chain 33RSLF	\$1,055.99	\$799.99 \$256.00	equipment	\$1,055.99
				TOTALS	
				Total staffing	\$7,374.76
				Total supplies	\$5,637.27
					\$13,012.03

TOTAL Reimbursable \$326.85

Form 828 - Rev. 081203



Colorado State Forest Service Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Bureau of Land Management Task Order Program	<input type="checkbox"/>
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	<input type="checkbox"/>
Economic Action Program (a.k.a.: EAP or Utilization Marketing "UMAC")	<input type="checkbox"/>
Forest Land Enhancement Program (a.k.a.: FLEP)	<input type="checkbox"/>
Insect Disease and Prevention and Suppression Program	<input type="checkbox"/>
State Fire Assistance (a.k.a.: SFA)	<input type="checkbox"/>
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	<input checked="" type="checkbox"/>
Stewardship Incentives Program (SIP)	<input type="checkbox"/>
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	<input type="checkbox"/>

Name: City of Boulder - Utilities DivisionAddress: 1739 BroadwayPO Box 791Boulder, CO 80306

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

Grant Number: 536830Cooperator Match: \$10,539.25Approved Funding: \$33,000Total Project: \$31,572.02CSFS Account Number: 536830Amount of Payment: \$10,462.50Circle one: 1st Payment☒ 2nd Payment3rd Payment

Final Payment

Approved by: _____
(Program manager signature)

Date: _____



LANDOWNER ASSISTANCE PROGRAMS ACCOMPLISHMENT REPORT FOR REIMBURSEMENT

Project No. Betasso Hydro
(For Official Use Only-
No. from original application)

Applicant name (please print): City of Boulder Utilities

	Total Contracted Services ¹	Total Landowner Services ²	Totals
Labor Cost	\$21,001.75 (sum of 2 attached timesheets)		A Labor Cost= \$21,001.75
Operating Exp. ³			B Oper. Exp.= 0
Revenue Generated (from sale of wood products only) ⁴			C Revenue= 0
Project Cost			D Total Project (A+B-C) = \$21,001.75
			Amount Originally Approved = \$33,000.00
How much of your total cost was paid to CSFS for Products and/or Services? \$ 0			Amount to be Reimbursed ⁵ (.5XD) \$10,462.50

¹ Any contracted services where payment was made for services.

² Use up to \$ 11.68/hour for Landowner time. This is the maximum allowable.

³ Equipment rental, supplies, etc. needed to complete project. (Tools and Equipment purchases are not reimbursable.)

⁴ Any revenue generated from the sale of wood products is deducted from total project cost.

⁵ Reimbursement amount cannot exceed amount approved. There are no partial payments for FLEP or without prior approval.

* Attach receipts, Cost Documentation Form (contractor costs, your time ledger, gas, oil, etc). Keep copies for your files.

Landowner Signature: Joanna M. Stansburg

Date: 11-9-04

Mailing Address: 1739 Broadway, PO Box 791

City: Boulder

County: Boulder State: CO Zip: 80306

Phone: (303) 441-3115

Practice certified by: Robert A. Bunder
CSFS Service Representative

Payment Approval: Robert A. Bunder Amount: \$10,462.50 Date: November 3, 2004
CSFS

Return this form, along with your completed Cost Documentation Form to your local Colorado State Forest Service District Office.
Landowner Assistance Program funds may be reportable as taxable income. Please consult your tax advisor.

LOA 6/10/04

**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT (page 2)***Project No. Betasso Hydro**To be completed by CSFS:***PROGRAM:** FRFTP
*From application and Form E***Record Accomplishment:****WUI D-space Accomplishment:**

No. of D-spaces= _____ Acres slash disposal= _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

I & D Prevention and Suppression Accomplishment:

No. of infested trees treated: _____
Acres inspected and treated: _____
Acres thinned: _____

FLEP Accomplishment:

#1 Plan Acres = _____	#5 Acres = _____	#9 Acres treated = _____
#2 Acres tree planting = _____	#6 Acres treated = _____	#10 Acres of restoration = _____
Acres treated = _____	#7 Acres treated = _____	#11 Acres = _____
#3 Acres treated = _____	#8 Acres treated = _____	
#4 Acres planted/ renovated = _____		

FRFTP Accomplishment:

No. of D-spaces= _____ Acres slash disposal= 15.5 Acres fuel breaks = _____
Acres thinned= 15.5 Acres pruned= 15.5

Colorado
State
FOREST

City of Boulder Timesheet Summary Report 4

Pay Oca:343901

Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
07/04/04	Chambers Michael J	\$11.00	30	330	45.12	\$ 375.12
07/18/04			40	440	59.69	\$ 499.69
08/01/04			70	770	105.33	\$ 875.33
08/15/04			40	440	60.2	\$ 500.20
						\$ 2,250.34
07/04/04	Gonzales James T	\$11.00	30	330	45.12	\$ 375.12
07/18/04			75	825	111.37	\$ 936.37
08/01/04			80	880	120.38	\$ 1,000.38
08/15/04			60	660	90.29	\$ 750.29
						\$ 3,062.16
07/04/04	Heisick Daniel T	\$13.45	0	0	0	\$ -
07/18/04			40	538	71.85	\$ 609.85
08/01/04			77	1035.65	141.68	\$ 1,177.33
08/15/04			20	269	36.39	\$ 305.39
						\$ 2,092.57
07/04/04	James Brian D	\$11.00	0	0	0	\$ -
07/18/04			75	825	112.84	\$ 937.84
08/01/04			50	550	75.24	\$ 625.24
08/15/04			40	440	60.15	\$ 500.15
						\$ 2,063.23
07/04/04	Nelson Randall G	\$11.00	10	110	15.04	\$ 125.04
07/18/04			25	275	37.61	\$ 312.61
08/01/04			10	110	15.04	\$ 125.04
08/15/04			15	165	22.57	\$ 187.57
						\$ 750.26
07/04/04	Oliver Brian C	\$15.00	30	450	60.71	\$ 510.71
07/18/04			35	525	70.34	\$ 595.34
08/01/04			40	600	82.08	\$ 682.08
08/15/04			20	300	40.23	\$ 340.23
						\$ 2,128.36
07/04/04	Watson Matthew S	\$11.00	30	330	45.11	\$ 375.11
07/18/04			75	825	112.84	\$ 937.84
08/01/04			78	858	117.37	\$ 975.37
08/15/04			10	110	15.06	\$ 125.06
						\$ 2,413.38
07/04/04	Weller James M	\$11.00	30	330	45.12	\$ 375.12
07/18/04			71	781	105.64	\$ 886.64
08/01/04			50	550	75.24	\$ 625.24
08/15/04			40	440	60.19	\$ 500.19
						\$ 2,387.19

Sum 7-4-04	\$ 2,136.22
Sum 7-18-04	\$ 5,716.18
Sum 8-1-04	\$ 6,086.01
Sum 8-15-04	\$ 3,209.08

Sum Total \$ 17,147.49

City of Boulder Timesheet Summary Report 5

Pay Oca:343901

Pay Period End	Employee Name	Pay Rate	Hours	Salary Total	Benefit Total	Total
08/29/04	Gonzales James T	\$11.00	60	660	90.28	750.28
08/29/04	Heisick Daniel T	\$13.45	30	403.5	55.2	458.7
08/29/04	James Brian D	\$11.00	50	550	75.23	625.23
08/29/04	Nelson Randall G	\$11.00	20	220	30.11	250.11
08/29/04	Oliver Brian C	\$15.00	60	900	121.19	1021.19
08/29/04	Watson Matthew S	\$11.00	60	660	88.75	748.75
Total for 8-29-04						3854.26



Colorado State Forest Service Program Payment Request

GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):	
Bureau of Land Management Task Order Program	
Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)	
Economic Action Program (a.k.a.: EAP or Utilization Marketing "UMAC")	
Forest Land Enhancement Program (a.k.a.: FLEP)	
Insect Disease and Prevention and Suppression Program	
State Fire Assistance (a.k.a.: SFA)	
Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)	X
Stewardship Incentives Program (SIP)	
Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01)	



LANDOWNER ASSISTANCE PROGRAMS ACCOMPLISHMENT REPORT FOR REIMBURSEMENT

Project No. Betasso Hydro
(For Official Use Only-
No. from original application)

Applicant name (please print): Boulder County Parks & Open Space

	Total Contracted Services ¹	Total Landowner Services ²	Totals
Labor Cost	\$2,304.00 (see attached 901 & Documentation)		A Labor Cost= \$2,304.00
Operating Exp ^{3,4}	\$6,480.00 (see attached 901 & Documentation)		B Oper. Exp.= \$6,480.00
Revenue Generated (from sale of wood products only) ^{4,*}			C Revenue= 0
Project Cost			D Total Project (A+B-C) = \$8,784.00
			Amount Originally Approved = \$33,000
How much of your total cost was paid to CSFS for Products and/or Services? <u>\$ 0</u>			Amount to be Reimbursed ⁵ (.5XD) \$7,000.00

¹ Any contracted services where payment was made for services.

² Use up to \$ 11.68/hour for Landowner time. This is the maximum allowable.

³ Equipment rental, supplies, etc. needed to complete project. (Tools and Equipment purchases are not reimbursable.)

⁴ Any revenue generated from the sale of wood products is deducted from total project cost.

⁵ Reimbursement amount cannot exceed amount approved. There are no partial payments for FLEP or without prior approval.

* Attach receipts, Cost Documentation Form (contractor costs, your time ledger, gas, oil, etc). Keep copies for your files.

Landowner Signature: Ruby (CSFS for Therese Glowacki)
see attached CSFS #901

Date: 10-6-05

Mailing Address: PO Box 471

City: Boulder

County: Boulder State: CO Zip: 80306

Phone: (303) 441-3950

Practice certified by: [Signature]
CSFS Service Representative

Payment Approval: [Signature] Amount: \$7,000.00 Date: October 6, 2005
CSFS

Return this form, along with your completed Cost Documentation Form to your local Colorado State Forest Service District Office.
Landowner Assistance Program funds may be reportable as taxable income. Please consult your tax advisor.

**LANDOWNER ASSISTANCE PROGRAMS
ACCOMPLISHMENT REPORT (page 2)**

Project No. Betasso Hydro

To be completed by CSFS:

PROGRAM: FRFTP
From application and Form E

Record Accomplishment:

WUI D-space Accomplishment:

No. of D-spaces= _____ Acres slash disposal= _____ Acres fuel breaks = _____
Acres thinned= _____ Acres pruned= _____

I & D Prevention and Suppression Accomplishment:

No. of infested trees treated: _____

Acres inspected and treated: _____

Acres thinned: _____

FLEP Accomplishment:

#1 Plan Acres = _____	#5 Acres = _____	#9 Acres treated = _____
#2 Acres tree planting = _____	#6 Acres treated = _____	#10 Acres of restoration = _____
Acres treated = _____	#7 Acres treated = _____	#11 Acres = _____
#3 Acres treated = _____	#8 Acres treated = _____	
#4 Acres planted/ renovated = _____		

FRFTP Accomplishment:

No. of D-spaces= _____ Acres slash disposal= 14 Acres fuel breaks = _____
Acres thinned= 14 Acres pruned= 14

CSFS # 901 (Revised 9/04)

COOPERATIVE EXPENDITURE REPORTReport Period October 2005Summary of expenditures incurred by: Boulder County Parks and Open Space
for the purpose of: Fire Mitigation at Betasso Preserve

(Indicate whether activity is: Forest Pest Management; Mountain Pine Beetle; Rural Development; Community Forestry; Fire; Forest Stewardship; Economic Action; Forest Legacy; Front Range Fuels Treatment or other activities)

CATEGORY	VOLUNTEERED \$ Value of Time & Effort (1)	ACTUAL \$ Expenditure (2)	TOTAL COSTS (3)
1. Personal Services (salaries & benefits)		\$ 2304.00	\$ 2304.00
2. Operating Expense		\$ 6,480.00	\$ 6,480.00
3. Travel Expense			
4. Other (specify)			
TOTAL EXPENSE (4)		\$ 8784.00	\$ 8784.00
GRANT AMOUNT (awarded through CSFS, if applicable) \$ <u>0</u>			
Grant Type/Name/Number:			

Supporting documentation for costs (volunteered and actual) is to be maintained in the cooperator's records. Retain documentation such as receipts and payment records for six (6) years.

- (1) Use \$11.91 / hour for volunteered time and effort.
 (2) Exclude payments to the Colorado State Forest Service for services related to this project.
 (3) Exclude all federal source funds related to this project.
 (4) Qualifying expenses should relate directly to the forestry project reported on this form.

Cooperator Signature: Theresa Glowacki Date: 9/14/05
 Name/Title: Theresa Glowacki, Manager, Resource Management Division
 Address: PO Box 471
 City: Boulder County: Boulder State: CO Zip: 80306

CSFS Signature/Title: B. [Signature] - Forester
 CSFS District Signature: Allen Durr District Forester

Return this form to:

CSFS District Office

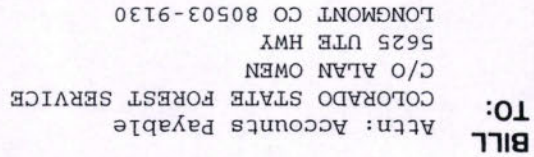
**Boulder County Parks and Open Space Forestry Division
Fuels Treatment Accounting for Betasso Reserve 2005**

Betasso Preserve Fire Mitigation Expenses Water Plant Egress Unit 14 Acres April - July 2005

	rate/hr	hr/day	# days	Total Cost	
Personnel	1	\$12.00	9	12	\$1,296.00
	1	\$20.00	9	12	\$2,160.00
	1	\$20.00	9	20	\$3,600.00
Volunteers	12	\$11.68	8	21	\$23,546.88
	10	\$11.68	8	19	\$17,753.60
	10	\$11.68	8	9	\$8,409.60
Operations					
Caterpillar 277	1	\$90.00	9	20	\$16,200.00
Total					\$74,262.08

Betasso Preserve Fire Mitigation Expenses Stand 1 Unit A 12 Acres October 2005

	rate/hr	hr/day	# days	Total Cost	
Personnel	1	\$12.00	9	8	\$864.00
	1	\$20.00	9	8	\$1,440.00
Operations					
Caterpillar 277	1	\$90.00	9	8	\$6,480.00
Total					\$8,784.00



Boulder County Finance Division
PO BOX 471
Boulder CO 80306

LONGMONT CO 80503-9130
5625 UTE HWY
C/O ALAN OWEN
COLORADO STATE FOREST SERVICE

TERMS	DUE DATE	FUND
IMMEDIATE	23-SEP-05	026-Open Space

ITEM NO.	Invoice	QUANTITY	UNIT PRICE	EXTENDED AMOUNT
1	COLLABORATION AT BETASSO PRESERVE MITIGATION PROJECT AT THE WATER TREATMENT PLANT (026.6306.5307.800120.003)	1	7,000.00	7,000.00

SUBTOTAL	TAX	SHIPPING & HANDLING	TOTAL
7,000.00	0.00	0.00	7,000.00
Currency: USD			

WHITE - ORIGINAL YELLOW - REMITTANCE ORCHID - FINANCE BLUE - DEPARTMENT