CSFS REQUEST FOR SUPPLIES OR SERVICES (other than GSA)

11/17/15

Doc. Nbr. 7501227

COPY

CSFS #805 (Rev. 4/93)

Date: Feb. 12, 2015 | Requested by: Allen Owen | Resale to: | CSFS Invoice #:

Vendor: Gates Camp CWPP Fuels Treatment / Boys and Girls Clubs of Metro Denver

(PLEASE PROVIDE COMPLETE ADDRESS.)

Ship To: Allen Owen, District Forester
Colorado State Forest Service
5625 Ute Hwy.
Longmont, CO 80503-9130

(PLEASE PROVIDE COMPLETE ADDRESS.)

Reason for Vendor Selection:
____ Sole Source (attach completed Sole Source Justification form)
____ Previous Supplier
____ Other

Terms: 11-16-15
ENCUMBERED
Doc. # 7501227

Shipping Instructions:
_____ FOB Fort Collins, Colorado
_____ FOB

Delivery Date:

Deliver to:
Initials _____ Bldg _____ Room _____ Phone _____

#	Account	Subcode	Qty	UOM	Description of Supplies or Services	Unit Price	Item Total
1	1929200	606093	1	1	Project # 19291600-B002	$24,000	$24,000
2					Scope of work attached		
3	HB 1199						
4	Forest Restoration Project						
5							
6							
7							
8							
9							
10							

SPECIAL INSTRUCTIONS:

Please Encumber

Expenditure Approval: NAOMI J. MARCUS

Authorized Signature:

Date: 11/16/15

Subtotal: $ 24,000

Discount: $

TOTAL: $ 24,000

Financial Assistance Program

Cooperative Match Project

COLORADO FOREST RESTORATION GRANT

To be conducted by:

Boys and Girls Clubs of Metro Denver

Funding Provided by CSFS:	**$24,000**
Minimum Recipient Match:	**$24,000**
Project to be Completed by:	**October 25, 2017**
Documentation due to District Office by:	**November 8, 2017**
Documentation due to State Office by: (submitted and signed by District Forester)	**December 5, 2017**

Based on the strength of the *Gates Camp CWPP Fuels Treatment* application submitted by the Boys and Girls Clubs of Metro Denver the Colorado State Forest Service is providing funding in the amount up to but not exceeding **$24,000** to accomplish the project described in the attached scope of work, Exhibit A, and the Plan of Operations.

As the cooperator, the Boys and Girls Clubs of Metro Denver, will be reimbursed for costs incurred in implementing the project up to the amount listed above once the following requirements are met:

A. Complete all work as described in *enclosed EXHIBIT A, scope of work.*

B. Complete all work as described in *enclosed Plan of Operations.*

C. Provide appropriate cost documentation with *Form D, CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet,* and *Exhibit B, CSFS Grant and Cost-Share Program Reimbursement Request* to reflect that project funds have been matched at amount stated in proposal which is at a minimum rate of 40%. Your required minimum match is listed above. *See notification letter if project is completed under budget.*

Complete and submit cost documentation through your local CSFS District Office for periodic and final grant reporting and reimbursement requests using the forms provided, as needed, as well as a Final Closeout Report that provides details on expenditures and accomplishments as a result of this project. Submission to:

Colorado State Forest Service
Attn: Allen Owen, District Forester
Boulder District
5625 Ute Hwy
Longmont, CO 80503

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

Cooperator Signature: Kathy Luna Date: 11/3/15

Boys and Girls Clubs of Metro Denver

Mailing Address: **Attn: Kathy Luna**
2017 W. 9th Ave
Denver, CO 80204
Telephone Number: **303-892-9200 ext. 107**
Email Address: **kathyl@bgcmd.org**

EXHIBIT A
COLORADO FOREST RESTORATION GRANT

SCOPE OF WORK

Cooperator: Boys and Girls Clubs of Metro Denver
Work to be completed:
Treat 25 acres across proposed treatment units (blocks): Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 Acres and Stand 2 Unit B 5.5 acres
Install a 3.8 acre fuel break across multiple treatment units according to NRCS fuel break requirements and CSFS guidelines. Best Management Practices will be utilized from both NRCS and CSFS guidelines.
All project standards and specifications to be followed are outlined in the enclosed Scope of Work and Plan of Operations.

Standards or Guidelines: Will meet CSFS guidelines appropriate for treatment. Will comply with standards in *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*. All CSFS guidelines applied for treatment and any other best management practice utilized will be indicated within the *Plan of Operations*.

Project Period: September 2, 2015 to October 25, 2017.

Funded Amount: $24,000 **Minimum cooperator match: $24,000**

All work completed under this project must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the cooperator. Form D entitled *CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet* and Exhibit B entitled *CSFS Grant and Cost-Share Program Reimbursement Request* will be the document used to both request reimbursement and to certify that work has been completed to minimum standards.

Intermittent requests for reimbursement are permitted and must be accompanied by intermittent project accomplishments. Final requests for reimbursement must be accompanied by a final closeout report depicting total project accomplishments. Minimum reporting items:

- Accomplishments: examples include (quantified: # acres treated; # miles of fuelbreak; # of defensible spaces implemented; # of presentations with # of participants).
- Summary of Youth Corps participation, if applicable—this includes crew size, duration of participation, activity.
- Summary of project costs
    - Summary of actual costs, which are eligible for reimbursement, such as
        - Out-of-pocket expenses
        - Youth Corps
        - Award recipient labor

        (This is a sample of actual costs eligible for reimbursement and not an all-inclusive list. See page 2 of Form D for more examples)
    - Summary of costs not eligible for reimbursement, such as
        - Volunteer labor
        - Equipment purchases

        (This is a sample of costs not eligible for reimbursement and not an all-inclusive list. See page 2 of Form D for more examples)
- Digital before and after photos submitted electronically. Please do not embed tiff or jpg files into other documents or files.
- Electronic map and GIS data—local CSFS District Office must have necessary data to report map, or geospatial data, of project area.

Initials:
Kal

_____

Scope of Work and Plan of Operations

July 2014

Complete the following worksheet with grant applicant prior to formal award notification and project implementation. Use attached pages as needed.

Grant Project Name: Gates Camp

Grant Applicant Name: Boys and Girls Club of Metro Denver

The following information provided will allow for grant progress monitoring. Communication with CSFS district staff is necessary to ensure appropriate inspection, reimbursement & project closeout.

1. Scope of Work (Extracted from the project proposal and clarified as appropriate, i.e. install 100 acre fuelbreak, 100 feet wide and 4500 feet long, according to CSFS guidelines and fuel mitigation standards to protect the Ponderosa HOA community. Additionally, project implementation will utilize the *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*). If another equally or more stringent BMP is being applied then be sure to specify the BMP resource.

The 25-acre treatment area proposed for this grant is comprised of treatment units (blocks) derived from the NRCS Forest Management Plan approved in 2013. The treatment blocks are Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 acres and Stand 2 Unit B 5.5 acres. Forest Stand Improvement methods will be implemented with the goals of forest stewardship and fuels reduction. In addition there will be installation of a 3.8 acre Fuel Break as per map across multiple units according to NRCS fuel break requirements and CSFS guidelines. Best Management Practices will be utilized from both NRCS and CSFS guidelines.

2. Description of Work (Include detailed prescription, such as species retention and removal, quantity of which species to be planted, crown or clump spacing, etc.; location of planned implementation of BMPs (maps); specific treatment blocks (maps); percent slope for each block; treatment method; plan for removal and/or utilization of wood and slash; contractor(s) and capabilities; crew size and/or equipment to be used; logging system(s) to be implemented; placement of landings and skid trail(s).)

Goals:

1. **Create a firebreak that will effectively influence fire behavior to reduce fire impacts to camp structures.**
2. **Restore Ponderosa dominated areas to pre-settlement densities.**
3. **Enhance Aspen stands currently present and establish new ones where known sprouting is occurring.**
4. **Manage Lodgepole pine areas for release or regeneration based on observed conditions.**
5. **Establish meadow conversion in areas that can sustain creation of grass-based openings.**

This project will be put out to bid by the Boys and Girls Club of Metro Denver, so it is difficult to say exactly how it will be executed. It is reasonable to assume that mechanical falling, whether by hand or feller-buncher will be used to do tree cutting. They will not be masticated. Forest materials generated from FSI activities will be comprised mostly of P.O.L., which will be utilized for sale as fuelwood and pole stock to local mills if merchantable. Slash will be chipped on site to a depth of no more than 6" in certain areas, however one goal of this project is to reduce total volume of chips put back in the forest. At this time the plan is to recover as much chip material as economically feasible and cache them on the camp property for use in mulching, landscaping and trail restoration projects. Access is good to most of the project area and appropriate skid trails and landings in low-impact areas will be installed by the NRCS Technical Service Provider prior to the project being bid out. Decking areas for product will be as per map.

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

September 11, 2014

Barry Martin
Boys and Girls Clubs of Metro Denver
PO Box 70
Ward, CO 80481

Dear Barry,

I am pleased to inform you that your application for the 2014 Colorado Forest Restoration Grant Program, established by the General Assembly through 2012 House Bill 1032, has been selected for a financial assistance grant. We would like to offer you **$24,000** in state grant funds to support your project titled **Gates Camp CWPP Fuels Treatment.**

All projects that involve on-the-ground forest management will comply with *Forestry Best Management Practices to Protect Water Quality in Colorado (2010)*, which are available on the Colorado State Forest Service (CSFS) website at http://csfs.colostate.edu/pdfs/ForestryBMP-CO-2010.pdf. An equally or more stringent best management practice is permitted and must be indicated on your Plan of Operations. If you have any questions about this, please contact your CSFS District Forester using the information provided below.

The amount being offered to you may be less than you requested in your project proposal. If you cannot complete the project with the reduced amount, please notify me immediately at (970) 491-6303. This grant program requires at least a 40% match of non-state funds. State funds are eligible match as long as the cumulative state share of the total project cost does not exceed 60%. You are required to provide the amount of match as stated in the Financial Assistance Program Cooperative Match Project notification and Exhibit A, Scope of Work, unless your project is completed under budget. Match amount is either as indicated in your proposal or adjusted proportionately if your project is partially funded. Projects completed under budget should match the same percentage of total project cost as identified in your proposal. The award amount may be adjusted for projects completed under budget.

If you cannot leverage the required amount of match, the award will either be adjusted or rescinded. Again, please contact us immediately if you have a question about your ability to match the offered award.

Additionally, if your proposal indicates employing a Colorado Youth Corps or another accredited youth corps association, you are required incorporate them in the implementation of your project.

If you are able to go forward with your project using the award offered, please see the two enclosed pages. Each of these pages will need immediate action from you in order to initiate project implementation:

1. Financial Assistance Program Cooperative Match Project notification: After you read the notification, and if you agree with the conditions of participation, please sign and date. Be sure to retain a copy for your records.

2. Exhibit A, Scope of Work: After you have read Exhibit A, and if you agree with the conditions of participation, please initial and date. Be sure to retain a copy for your records

Please return the original signed copy of Project Notification and initialed Scope of Work **no later than September 26, 2014** to:

Naomi J. Marcus, Assistant Staff Forester
Forest Management Division
Colorado State Forest Service
5060 Campus Delivery, CSU
Fort Collins, CO 80523

Included within this award notification package are the cost documentation procedures and forms. Since these forms are to be completed electronically, upon your acceptance of and CSFS receipt of the returned project award notification and Exhibit A, Scope of Work, you will receive the following cost documentation items electronically:

1. Detailed reimbursement procedures for proper documentation of accomplishments and project costs. This will include a list of items that are eligible for reimbursement and items not eligible for reimbursement.

2. Exhibit B, *CSFS Grant and Cost-Share Program Reimbursement Request*: Retain this form and use it to request reimbursement for qualifying project expenses. You may make additional copies if needed.

3. Form D, *CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet*: Retain this form to document the summary of actual costs and/or values of labor, equipment use and supplies that contributed to the completion of this project. Other formats to outline cost documentation may be used; be sure to acquire approval from your CSFS District Forester for an alternative format. If other formats are used to document time, activities and expenses, use Form D to summarize and calculate

Reimbursement will be made for actual costs, not to exceed the award amount specified on your project notification, with consideration of the required match and accomplishments. The amount requested for reimbursement may not exceed 60 percent of the total project cost for the reimbursement period. Remember that your match for the total project cost of the project period must meet the required cost-share as accepted in your Project Notification and Scope of Work (e.g. if you proposed to provide 65% match, intermittent and final reimbursement requests should indicate at least 65% match of the total project cost for the given project period).

These grant funds may not be used to purchase capital equipment (individual items costing more than $5,000.00). The appropriate volunteer labor rate to be applied will be the current rate at the time of the reimbursement request.

We require strict documentation. Please be advised your payments will be based on achieving the specifics proposed in your grant as reiterated on Exhibit A, Scope of Work, including treatment of the full quantity of acres as defined in your grant application, as well as according to the details specified on the Plan of Operations. This award may be considered as income by the IRS. Please check with your tax advisor if appropriate.

As part of the Colorado Forest Restoration Grant program, we require you to provide a Final Closeout Report at the time of requesting your final reimbursement including the following items:

- Accomplishments: examples include (quantified: # acres treated; # miles of fuelbreak; # of defensible spaces implemented; # of presentations with # of participants).
- Summary of Youth Corps participation, if applicable—this includes crew size, duration of participation, activity.
- Summary of project costs
    - Summary of actual costs, which are eligible for reimbursement, such as
        - Out-of-pocket expenses
        - Youth Corps
        - Award recipient labor

        (This is a sample of actual costs eligible for reimbursement and not an all-inclusive list. See page 2 of Form D for more examples.)
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        - Equipment purchases

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- Digital before and after photos submitted electronically. Please do not embed tiff or jpg files into other documents or files.
- Electronic map and GIS data—local CSFS District Office must have necessary data to report map of project area.

When you are ready for intermittent reimbursement, or to close out your project and claim final reimbursement, please submit an Exhibit B, Form D, and additional cost documentation (i.e. receipts, invoices, etc.) to your CSFS District Forester who will certify that the work is complete

and the documentation is adequate. Certification by the District Forester will require a site visit to the project location. Once the accomplishments and cost documentation are approved, the District Forester will then forward Exhibit B, Form D, and other accompanying documentation to the CSFS state office for processing.

Projects must be completed and certified by your CSFS District Forester no later than close of business on **October 25, 2016**. Your final reimbursement request with your signature, cost documentation and Final Closeout Report must be received by the CSFS District Forester no later than **November 8, 2016**. CSFS District Foresters must sign and submit the original reimbursement request, cost documentation and approved Final Closeout Report to the Forest Restoration Grant program manager, Naomi Marcus, no later than **December 5, 2016**.

The final 10% of the award amount will not be released until the Final Closeout Report is received and accepted. Your thoroughness in providing complete documentation will help expedite the reimbursement process.

For future reference, your CSFS District Forester is **Allen Owen.** You can reach him at (303) 823-5774 or allen.owen@colostate.edu.

Thank you for your interest in improving the health and sustainability of Colorado's forests and communities!

Sincerely,

Naomi J. Marcus
Assistant Staff Forester

cc: Allen Owen

Financial Assistance Program

Cooperative Match Project

COLORADO FOREST RESTORATION GRANT

To be conducted by:

Boys and Girls Clubs of Metro Denver

Funding Provided by CSFS:	**$24,000**
Minimum Recipient Match:	**$24,000**
Project to be Completed by:	**October 25, 2016**
Documentation due to District Office by:	**November 8, 2016**
Documentation due to State Office by: **(submitted and signed by District Forester)**	**December 5, 2016**

Based on the strength of the *Gates Camp CWPP Fuels Treatment* application submitted by the Boys and Girls Clubs of Metro Denver the Colorado State Forest Service is providing funding in the amount up to but not exceeding **$24,000** to accomplish the project described in the attached scope of work, Exhibit A, and the Plan of Operations.

As the cooperator, the Boys and Girls Clubs of Metro Denver, will be reimbursed for costs incurred in implementing the project up to the amount listed above once the following requirements are met:

A. Complete all work as described in *enclosed EXHIBIT A, scope of work.*

B. Complete all work as described in *enclosed Plan of Operations.*

C. Provide appropriate cost documentation with *Form D, CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet,* and *Exhibit B, CSFS Grant and Cost-Share Program Reimbursement Request* to reflect that project funds have been matched at amount stated in proposal which is at a minimum rate of 40%. Your required minimum match is listed above. *See notification letter if project is completed under budget.*

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Colorado State Forest Service
Attn: Allen Owen, District Forester
Boulder District
5625 Ute Hwy
Longmont, CO 80503

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

Cooperator Signature: Date:

Boys and Girls Clubs of Metro Denver

Mailing Address:	**Attn: Barry Martin** **PO Box 70** **Ward, CO 80481**
Telephone Number:	**720-214-1803**
Email Address:	**bmar63@hotmail.com**

EXHIBIT A
COLORADO FOREST RESTORATION GRANT

SCOPE OF WORK

Cooperator: Boys and Girls Clubs of Metro Denver
Work to be completed:
Treat 25 acres across proposed treatment units (blocks): Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 Acres and Stand 2 Unit B 5.5 acres
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Standards or Guidelines: Will meet CSFS guidelines appropriate for treatment. Will comply with standards in *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*. All CSFS guidelines applied for treatment and any other best management practice utilized will be indicated within the *Plan of Operations.*

Project Period: September 2, 2014 to October 25, 2016.

Funded Amount: **$24,000** **Minimum cooperator match**: $**24,000**

All work completed under this project must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the cooperator. Form D entitled *CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet* and Exhibit B entitled *CSFS Grant and Cost-Share Program Reimbursement Request* will be the document used to both request reimbursement and to certify that work has been completed to minimum standards.

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Initials:

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_____

Scope of Work and Plan of Operations

July 2014

Complete the following worksheet with grant applicant prior to formal award notification and project implementation. Use attached pages as needed.

Grant Project Name: Gates Camp

Grant Applicant Name: Boys and Girls Club of Metro Denver

The following information provided will allow for grant progress monitoring. Communication with CSFS district staff is necessary to ensure appropriate inspection, reimbursement & project closeout.

1. Scope of Work (Extracted from the project proposal and clarified as appropriate, i.e. install 100 acre fuelbreak, 100 feet wide and 4500 feet long, according to CSFS guidelines and fuel mitigation standards to protect the Ponderosa HOA community. Additionally, project implementation will utilize the *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*). If another equally or more stringent BMP is being applied then be sure to specify the BMP resource.

The 25-acre treatment area proposed for this grant is comprised of treatment units (blocks) derived from the NRCS Forest Management Plan approved in 2013. The treatment blocks are Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 acres and Stand 2 Unit B 5.5 acres. Forest Stand Improvement methods will be implemented with the goals of forest stewardship and fuels reduction. In addition there will be installation of a 3.8 acre Fuel Break as per map across multiple units according to NRCS fuel break requirements and CSFS guidelines. Best Management Practices will be utilized from both NRCS and CSFS guidelines.

2. Description of Work (Include detailed prescription, such as species retention and removal, quantity of which species to be planted, crown or clump spacing, etc.; location of planned implementation of BMPs (maps); specific treatment blocks (maps); percent slope for each block; treatment method; plan for removal and/or utilization of wood and slash; contractor(s) and capabilities; crew size and/or equipment to be used; logging system(s) to be implemented; placement of landings and skid trail(s).)

Goals:

1. **Create a firebreak that will effectively influence fire behavior to reduce fire impacts to camp structures.**
2. **Restore Ponderosa dominated areas to pre-settlement densities.**
3. **Enhance Aspen stands currently present and establish new ones where known sprouting is occurring.**
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5. **Establish meadow conversion in areas that can sustain creation of grass-based openings.**

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Stand 1-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 39

Ponderosa pine- 37

Elevation: 9000 feet

Slope: 14% Avg.

Overall Vigor: 3.5 Avg. – FAIR to GOOD (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 13% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 45 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 50% Stocked

Ponderosa- 70% Stocked

Density: Average-

Basal Area- 164 sq. ft./acre

Trees/Acre- 412 TPA

Diameter- 12.6 " DBH

Risk Rating:

Medium-High- Due to surface fuel loading of duff in Lodgepole and Crown density is too high on Northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Variable Radius Plot Summary

GATES	STAND 1	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 1	23	8.93	38.09	3.50	579.24	229.99
Plot 2	13	10.70	31.23	3.46	259.32	130.00
Plot 3	13	10.93	37.00	3.85	659.61	130.00
Plot 9	17	12.00	33.88	3.65	330.80	170.00
Plot 14	16	11.73	37.56	4.00	231.94	160.00
Total n=	82				412.18	164.00
	Mode	7.80	32.00			
	Median	10.50	35.00			
	Mean	12.64	44.67			
	Std Dev	21.07	90.17			
	Std Err M	2.33	9.96			

STAND 1				
Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	1	91.67	2.00
3-4.9 in	4	1	22.92	2.00
5-6.9 in	6	4	40.74	8.00
7-8.9 in	8	18	103.13	36.00
9-10.9 in	10	19	69.67	38.00
11-12.9 in	12	19	48.38	38.00
13-14.9 in	14	13	24.32	26.00
15-16.9 in	16	6	8.59	12.00
17-18.9 in	18	1	1.13	2.00
	TOTAL	82	410.57	164.00
	AVG		45.62	18.22
	SD		35.98	16.17
	Std Err M		3.97	1.79

Stand 1

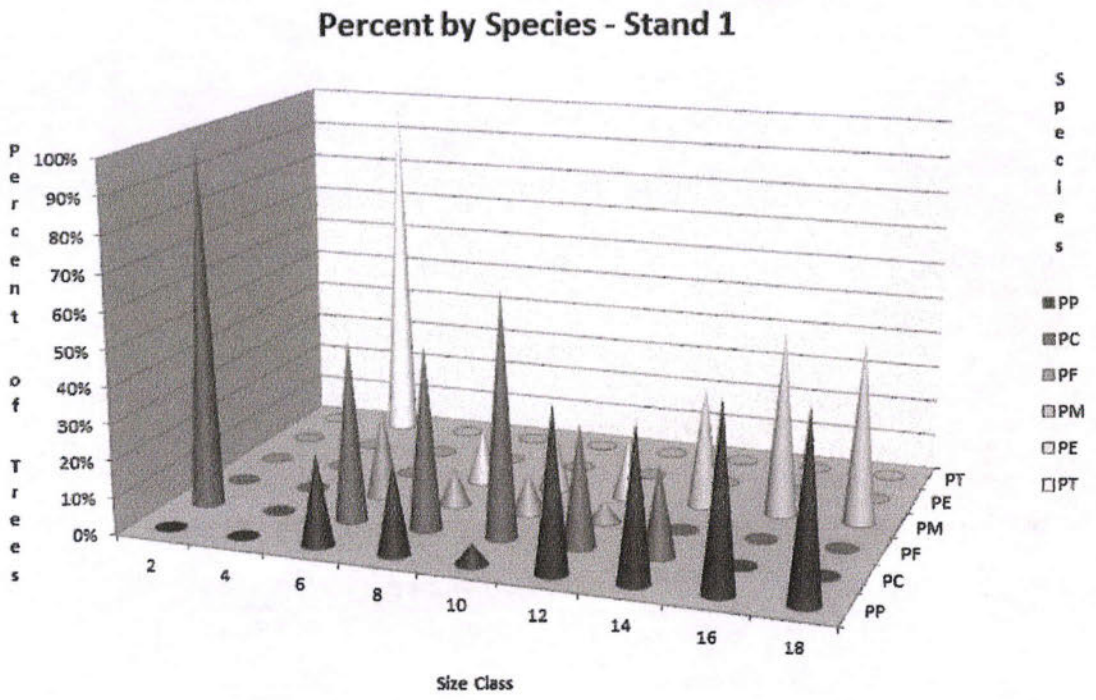
BA per acre: 164

Species Counts:

PP	24
PC	34
PF	6
PM	17
PE	0
PT	1
TOTAL	82

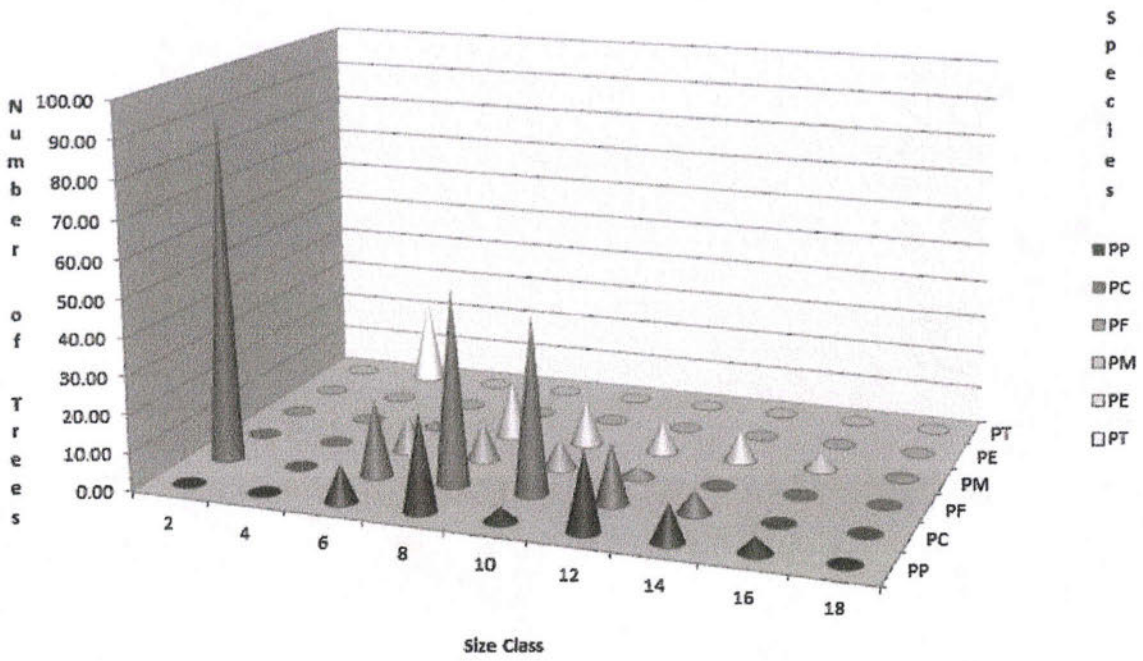
Stand 1:

Species Composition:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0%	100%	0%	0%	0%	0%	100%
4	0%	0%	0%	0%	0%	100%	100%
6	25%	50%	25%	0%	0%	0%	100%
8	25%	50%	10%	15%	0%	0%	100%
10	6%	67%	11%	17%	0%	0%	100%
12	44%	33%	6%	17%	0%	0%	100%
14	42%	25%	0%	33%	0%	0%	100%
16	50%	0%	0%	50%	0%	0%	100%
18	50%	0%	0%	50%	0%	0%	100%

Trees/Acre - Stand 1



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	91.67	0.00	0.00	0.00	0.00	91.67
4	0.00	0.00	0.00	0.00	0.00	22.92	22.92
6	10.19	20.37	10.19	0.00	0.00	0.00	40.74
8	25.78	51.57	10.31	15.47	0.00	0.00	103.13
10	3.87	46.45	7.74	11.61	0.00	0.00	69.67
12	21.50	16.13	2.69	8.06	0.00	0.00	48.38
14	10.13	6.08	0.00	8.11	0.00	0.00	24.32
16	4.30	0.00	0.00	4.30	0.00	0.00	8.59
18	0.57	0.00	0.00	0.57	0.00	0.00	1.13
TOTAL	76.34	232.27	30.93	48.12	0.00	22.92	410.57
AVG	8.48	25.81	3.44	5.35	0.00	2.55	45.62
SD	9.49	31.50	4.62	5.77	0.00	7.64	35.98
Std Err M	1.05	3.48	0.51	0.64	0.00	0.84	3.97

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 1

Current Size and Shape of Openings:

3 Acres- Rectangle meadow with developed grass stands

2 Acres- Triangle meadow with developed grass stands

1.5 Acres- Round open forest gap following MPB removal

1.5 Acres- Round open forest gap following MPB removal

Stand 1 Desired Stand Condition (Page 13-14: Planner's Guide)

Desired Forest Type and Age:

Continue to manage Stand 1 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Douglas fir, limber pine

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified units.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 8"-10" class; remove all regeneration at present time.

Douglas fir: All size classes present

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce

Desired Species to Plant:

No plantings are planned at this time

Desired Number, Size and Shape of Openings:

No creation of additional openings is planned at this time. Some will naturally occur due to MPB mortality.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area near 100 sq. ft. per acre or less.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 30% and encourage release.

Uneven aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. This would include larger Douglas fir and Engelmann spruce, which are sparsely distributed throughout the property.

Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 1 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 1 Unit D- 5 acres-Dry South Aspect

Uneven-aged mixed conifer- Shelterwood; Ponderosa pine, limber pine and Engelmann spruce.

Pruning (low-limbing), Thin from below.

Reduce Basal Area in unit from 165 to 60-100 square feet per acre. Favoring dominant Ponderosa pine. Eliminate crown encroachment from ladder fuels. Allow limited regeneration in openings. Maintain or create snag trees up to 3 per acre.

Stand 1 Unit E- 8 Acres-Wetter North Aspect

Uneven-aged mixed conifer- Shelterwood; Lodgepole pine, Douglas fir, limber pine, aspen. Thin from below. Eliminate regeneration from openings already present and encourage meadow conversion.

Thin Lodgepole areas 140 square feet per acre, reducing stocking levels to 30%.

Create openings by means of small patch cuts.

Harvesting:

Ground based Uneven-aged Treatment: Individual Tree Mark (ITM) utilizing both group selection and singletree selection. Mark most trees in the 2" DBH to 6" DBH size class, favoring mature trees in good condition; eliminate crown encroachment from regeneration trees under canopies of larger trees. Mark and denote MPB infested trees for complete disposal. Retain 50% of regeneration present favoring Douglas fir and Ponderosa pine.

Tangible Wood Products:

Firewood- approx. 5-10 cords per acre

Post and Pole stock- approx. 50 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

Permits:

None needed at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

Stand 2-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 57

Ponderosa pine- 40

Elevation: 9000 feet

Slope: 13% Avg.

Overall Vigor: 3.0 Avg. – FAIR (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 23% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 33 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 30% Stocked
Ponderosa- 20% Stocked

Density: Average-

Basal Area- 250 sq. ft./acre
Trees/Acre- 1445 TPA
Diameter- 8.6 " DBH

Risk Rating:

High- Due to steep northern slopes, high percentage of regeneration ladder fuels, surface fuel loading of duff in Lodgepole and Crown density is too high on northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Variable Radius Plot Summary

GATES	STAND 2	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 10	33	8.95	34.33	3	1329.25	329.99
Plot 11	31	7.38	32.39	2.9	2196.16	309.99
Plot 12	11	9.99	33.27	3	810.82	110.00
Total n=	75				1445.41	249.99
		Mode	8.80	32.00		
		Median	8.70	33.00		
		Mean	11.84	46.23		
		Std Dev	32.11	122.75		
		Std Err M	3.71	14.17		

Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	3	458.37	10.00
3-4.9 in	4	13	496.56	43.33
5-6.9 in	6	11	[illegible]	[illegible]
7-8.9 in	8	17	8.6	33.46
9-10.9 in	10	14	85.56	46.67
11-12.9 in	12	6	25.46	20.00
13-14.9 in	14	7	21.83	23.33
15-16.9 in	16	2	4.77	6.67
17-18.9 in	18	2	3.77	6.67
	TOTAL	75	1445.41	249.99
	AVG		160.60	27.78
	SD		191.78	18.71
	Std Err M		22.15	2.16

Stand 2

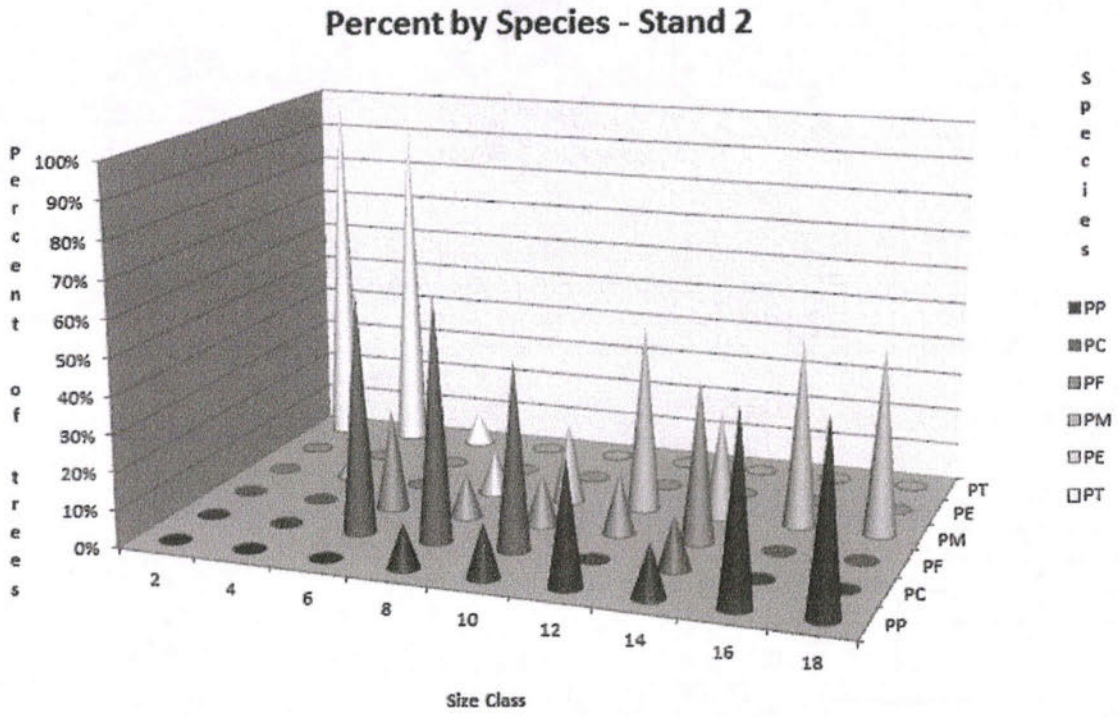
BA per acre: 250

Species Counts:

PP	9
PC	26
PF	11
PM	13
PE	0
PT	16
TOTAL	75

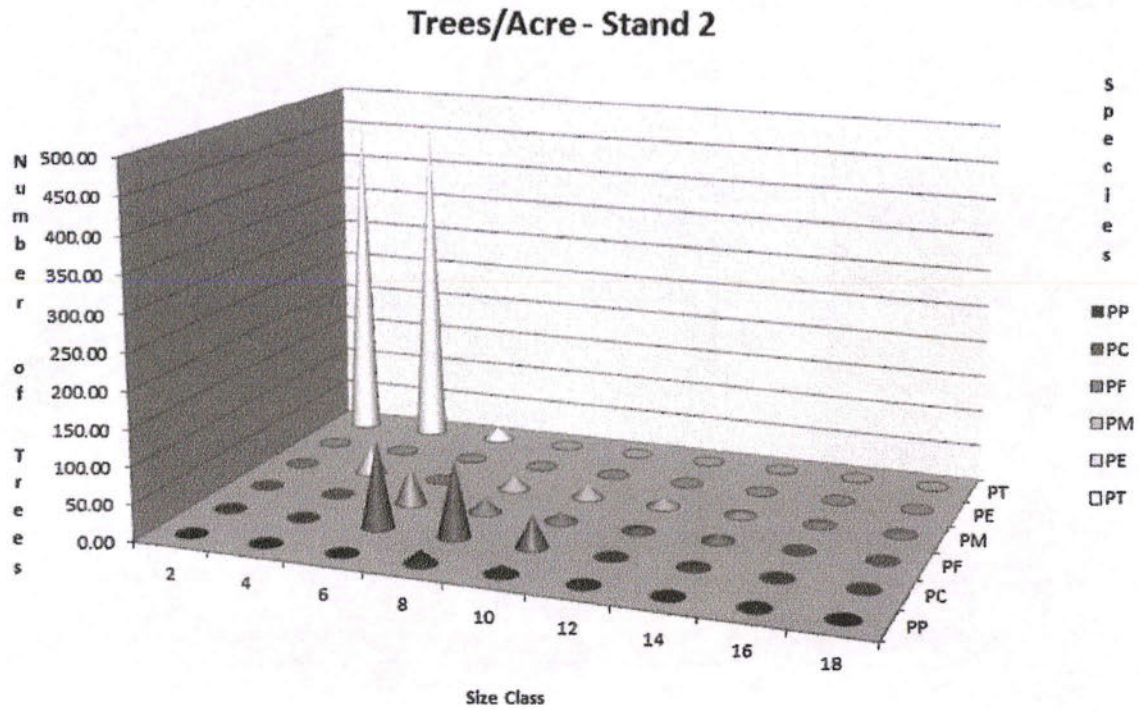
Stand 2:

Species Composition:



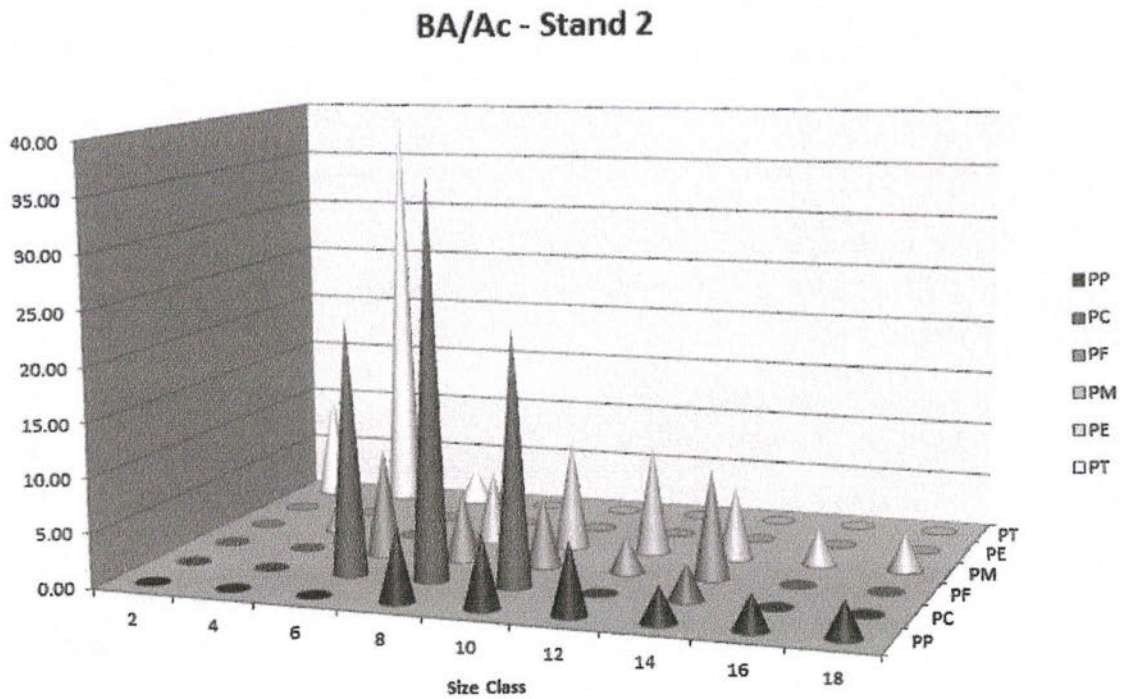
Size Class	PP	PC	PF	PM	PE	PT
2	0%	0%	0%	0%	0%	100%
4	0%	0%	0%	8%	0%	92%
6	0%	64%	27%	0%	0%	9%
8	12%	65%	12%	12%	0%	0%
10	14%	50%	14%	21%	0%	0%
12	33%	0%	17%	50%	0%	0%
14	14%	14%	43%	29%	0%	0%
16	50%	0%	0%	50%	0%	0%
18	50%	0%	0%	50%	0%	0%

Age/Size Distribution:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	458.37	458.37
4	0.00	0.00	0.00	38.20	0.00	458.37	496.56
6	0.00	118.84	50.93	0.00	0.00	16.98	186.74
8	19.10	105.04	19.10	19.10	0.00	0.00	162.34
10	12.22	42.78	12.22	18.33	0.00	0.00	85.56
12	8.49	0.00	4.24	12.73	0.00	0.00	25.46
14	3.12	3.12	9.35	6.24	0.00	0.00	21.83
16	2.39	0.00	0.00	2.39	0.00	0.00	4.77
18	1.89	0.00	0.00	1.89	0.00	0.00	3.77
TOTAL	47.20	269.78	95.85	98.87	0.00	933.71	1445.41
AVG	5.24	29.98	10.65	10.99	0.00	103.75	160.60
SD	6.69	48.62	16.56	12.67	0.00	201.13	191.78
Std Err M	0.77	5.61	1.91	1.46	0.00	23.22	22.15

Current Structure:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	10.00	10.00
4	0.00	0.00	0.00	3.33	0.00	40.00	43.33
6	0.00	23.33	10.00	0.00	0.00	3.33	36.67
8	6.67	36.67	6.67	6.67	0.00	0.00	56.67
10	6.67	23.33	6.67	10.00	0.00	0.00	46.67
12	6.67	0.00	3.33	10.00	0.00	0.00	20.00
14	3.33	3.33	10.00	6.67	0.00	0.00	23.33
16	3.33	0.00	0.00	3.33	0.00	0.00	6.67
18	3.33	0.00	0.00	3.33	0.00	0.00	6.67
TOTAL	30.00	86.66	36.67	43.33	0.00	53.33	249.99
AVG	3.33	9.63	4.07	4.81	0.00	5.93	27.78
SD	2.89	14.19	4.34	3.77	0.00	13.21	18.71
Std Err M	0.33	1.64	0.50	0.44	0.00	1.52	2.16

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 2

Current Size and Shape of Openings:

No current openings of significant size.

Stand 2 Desired Stand Condition (Page 13-14: Planner's Guide)

Desired Forest Type and Age:

Continue to manage Stand 2 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Engelmann spruce and Douglas fir

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified stands.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 10"-12" class; remove all regeneration at present time.

Douglas fir: All size classes present

Engelmann spruce: 8"-15" class; remove majority of regeneration.

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce, Lodgepole pine

Desired Species to Plant:

No plantings are planned at this time.

Desired Number, Size and Shape of Openings:

Openings of ½ -1 acre will be created in the area of the fuel break.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Reduce overall basal area from 250 to 150 square feet per acre on average.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area 60-100 sq. ft. per acre.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 20% and encourage release and create appropriate crown spacing on the steeper north aspects. Reduce trees per acre from 270 to 150.

Uneven-aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. Some areas will be managed for mature limber limber pine with Engelmann spruce cohorts.
Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 2 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 2 Unit A- 6.5 acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting in fuel break, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Stand 2 Unit B- 5.5 Acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Harvesting:

Ground based Even-aged Treatment: Individual Tree Mark (ITM) utilizing group selection. Mark most trees in the 2" DBH to 8" DBH size class. Mark and denote MPB infested trees for complete disposal via chipping or if too large to chip, physically remove the processed bole(s) from the property. Favor Douglas fir and Aspen regeneration in openings.

Tangible Wood Products:

Firewood- approx. 20 cords per acre

Post and Pole stock- approx. 100 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Permits:

None needed at this time.

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

3. Schedule of Work (Include projected start and end month for each block; the order of work among the various blocks; projected times to complete each block; specific measurable objectives for each block, such as residual density)

The goal is to begin the project in August of 2015 to be completed by the end of October 2015, before access to the units is snow bound. It can be approximated that each treatment block will take about 2 weeks based on size. Each block will be treated according to prescription as above.

4. Quality Control (how grant reporting, documentation, and finances will be managed; description of how project will be managed to achieve grant scope of work)

This project will be adjunct funded by the NRCS through the Environmental Quality Incentives Program (EQIP). As a result, installation of the project will be monitored and documented by the Technical Service Provider (TSP) that wrote the NRCS FMP, Rocky Mountain Resource Protection (RMRP LLC). Any information gathered for the NRCS can passed on to the grantee for reporting to the CSFS. Quality assurance will be implemented by the Gates camp manger and TSP during installation. The Boys and Girls Club of Metro Denver will manage the finances.

Scope of Work and Plan of Operations

July 2014

Complete the following worksheet with grant applicant prior to formal award notification and project implementation. Use attached pages as needed.

Grant Project Name: Gates Camp

Grant Applicant Name: Boys and Girls Club of Metro Denver

The following information provided will allow for grant progress monitoring. Communication with CSFS district staff is necessary to ensure appropriate inspection, reimbursement & project closeout.

1. Scope of Work (Extracted from the project proposal and clarified as appropriate, i.e. install 100 acre fuelbreak, 100 feet wide and 4500 feet long, according to CSFS guidelines and fuel mitigation standards to protect the Ponderosa HOA community. Additionally, project implementation will utilize the *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*). If another equally or more stringent BMP is being applied then be sure to specify the BMP resource.

The 25-acre treatment area proposed for this grant is comprised of treatment units (blocks) derived from the NRCS Forest Management Plan approved in 2013. The treatment blocks are Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 acres and Stand 2 Unit B 5.5 acres. Forest Stand Improvement methods will be implemented with the goals of forest stewardship and fuels reduction. In addition there will be installation of a 3.8 acre Fuel Break as per map across multiple units according to NRCS fuel break requirements and CSFS guidelines. Best Management Practices will be utilized from both NRCS and CSFS guidelines.

2. Description of Work (Include detailed prescription, such as species retention and removal, quantity of which species to be planted, crown or clump spacing, etc.; location of planned implementation of BMPs (maps); specific treatment blocks (maps); percent slope for each block; treatment method; plan for removal and/or utilization of wood and slash; contractor(s) and capabilities; crew size and/or equipment to be used; logging system(s) to be implemented; placement of landings and skid trail(s).)

Goals:

1. **Create a firebreak that will effectively influence fire behavior to reduce fire impacts to camp structures.**
2. **Restore Ponderosa dominated areas to pre-settlement densities.**
3. **Enhance Aspen stands currently present and establish new ones where known sprouting is occurring.**
4. **Manage Lodgepole pine areas for release or regeneration based on observed conditions.**
5. **Establish meadow conversion in areas that can sustain creation of grass-based openings.**

This project will be put out to bid by the Boys and Girls Club of Metro Denver, so it is difficult to say exactly how it will be executed. It is reasonable to assume that mechanical falling, whether by hand or feller-buncher will be used to do tree cutting. They will not be masticated. Forest materials generated from FSI activities will be comprised mostly of P.O.L., which will be utilized for sale as fuelwood and pole stock to local mills if merchantable. Slash will be chipped on site to a depth of no more than 6" in certain areas, however one goal of this project is to reduce total volume of chips put back in the forest. At this time the plan is to recover as much chip material as economically feasible and cache them on the camp property for use in mulching, landscaping and trail restoration projects. Access is good to most of the project area and appropriate skid trails and landings in low-impact areas will be installed by the NRCS Technical Service Provider prior to the project being bid out. Decking areas for product will be as per map.

Stand 1-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 39

Ponderosa pine- 37

Elevation: 9000 feet

Slope: 14% Avg.

Overall Vigor: 3.5 Avg. – FAIR to GOOD (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 13% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 45 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 50% Stocked
Ponderosa- 70% Stocked

Density: Average-

Basal Area- 164 sq. ft./acre
Trees/Acre- 412 TPA
Diameter- 12.6 " DBH

Risk Rating:

Medium-High- Due to surface fuel loading of duff in Lodgepole and Crown density is too high on Northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Variable Radius Plot Summary

GATES	STAND 1	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 1	23	8.93	38.09	3.50	579.24	229.99
Plot 2	13	10.70	31.23	3.46	259.32	130.00
Plot 3	13	10.93	37.00	3.85	659.61	130.00
Plot 9	17	12.00	33.88	3.65	330.80	170.00
Plot 14	16	11.73	37.56	4.00	231.94	160.00
Total n=	82				412.18	164.00
	Mode	7.80	32.00			
	Median	10.50	35.00			
	Mean	12.64	44.67			
	Std Dev	21.07	90.17			
	Std Err M	2.33	9.96			

STAND 1				
Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	1	91.67	2.00
3-4.9 in	4	1	22.92	2.00
5-6.9 in	6	4	40.74	8.00
7-8.9 in	8	18	103.13	36.00
9-10.9 in	10	19	69.67	38.00
11-12.9 in	12	19	48.38	38.00
13-14.9 in	14	13	24.32	26.00
15-16.9 in	16	6	8.59	12.00
17-18.9 in	18	1	1.13	2.00
	TOTAL	82	410.57	164.00
	AVG		45.62	18.22
	SD		35.98	16.17
	Std Err M		3.97	1.79

Stand 1

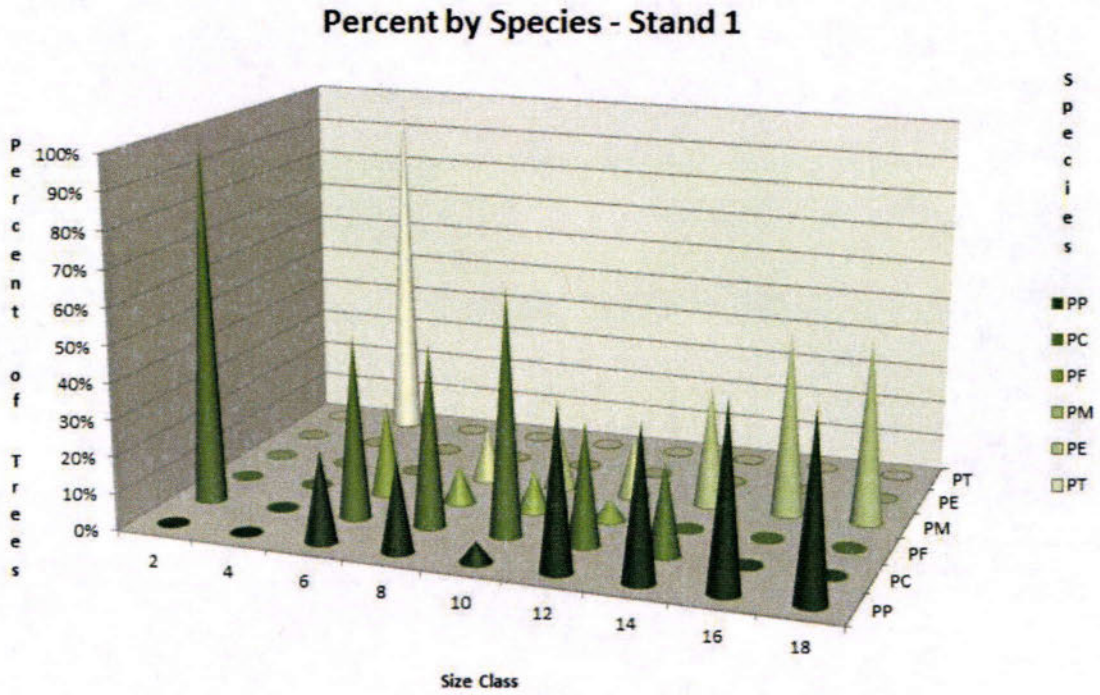
BA per acre: 164

Species Counts:

PP	24
PC	34
PF	6
PM	17
PE	0
PT	1
TOTAL	82

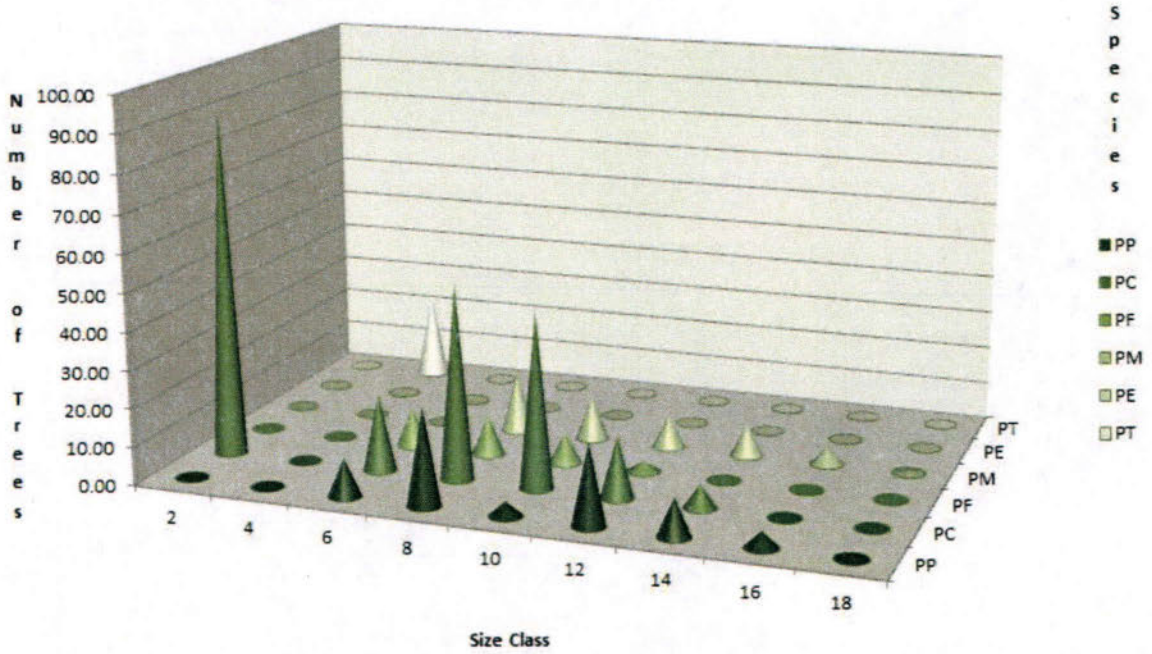
Stand 1:

Species Composition:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0%	100%	0%	0%	0%	0%	100%
4	0%	0%	0%	0%	0%	100%	100%
6	25%	50%	25%	0%	0%	0%	100%
8	25%	50%	10%	15%	0%	0%	100%
10	6%	67%	11%	17%	0%	0%	100%
12	44%	33%	6%	17%	0%	0%	100%
14	42%	25%	0%	33%	0%	0%	100%
16	50%	0%	0%	50%	0%	0%	100%
18	50%	0%	0%	50%	0%	0%	100%

Trees/Acre - Stand 1



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	91.67	0.00	0.00	0.00	0.00	91.67
4	0.00	0.00	0.00	0.00	0.00	22.92	22.92
6	10.19	20.37	10.19	0.00	0.00	0.00	40.74
8	25.78	51.57	10.31	15.47	0.00	0.00	103.13
10	3.87	46.45	7.74	11.61	0.00	0.00	69.67
12	21.50	16.13	2.69	8.06	0.00	0.00	48.38
14	10.13	6.08	0.00	8.11	0.00	0.00	24.32
16	4.30	0.00	0.00	4.30	0.00	0.00	8.59
18	0.57	0.00	0.00	0.57	0.00	0.00	1.13
TOTAL	76.34	232.27	30.93	48.12	0.00	22.92	410.57
AVG	8.48	25.81	3.44	5.35	0.00	2.55	45.62
SD	9.49	31.50	4.62	5.77	0.00	7.64	35.98
Std Err M	1.05	3.48	0.51	0.64	0.00	0.84	3.97

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 1

Current Size and Shape of Openings:

3 Acres- Rectangle meadow with developed grass stands

2 Acres- Triangle meadow with developed grass stands

1.5 Acres- Round open forest gap following MPB removal

1.5 Acres- Round open forest gap following MPB removal

Stand 1 Desired Stand Condition (Page 13-14: Planner's Guide)

Desired Forest Type and Age:

Continue to manage Stand 1 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Douglas fir, limber pine

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified units.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 8"-10" class; remove all regeneration at present time.

Douglas fir: All size classes present

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce

Desired Species to Plant:

No plantings are planned at this time

Desired Number, Size and Shape of Openings:

No creation of additional openings is planned at this time. Some will naturally occur due to MPB mortality.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area near 100 sq. ft. per acre or less.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 30% and encourage release.

Uneven aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. This would include larger Douglas fir and Engelmann spruce, which are sparsely distributed throughout the property.

Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 1 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 1 Unit D- 5 acres-Dry South Aspect

Uneven-aged mixed conifer- Shelterwood; Ponderosa pine, limber pine and Engelmann spruce.

Pruning (low-limbing), Thin from below.

Reduce Basal Area in unit from 165 to 60-100 square feet per acre. Favoring dominant Ponderosa pine. Eliminate crown encroachment from ladder fuels. Allow limited regeneration in openings. Maintain or create snag trees up to 3 per acre.

Stand 1 Unit E- 8 Acres-Wetter North Aspect

Uneven-aged mixed conifer- Shelterwood; Lodgepole pine, Douglas fir, limber pine, aspen. Thin from below. Eliminate regeneration from openings already present and encourage meadow conversion.

Thin Lodgepole areas 140 square feet per acre, reducing stocking levels to 30%.

Create openings by means of small patch cuts.

Harvesting:

Ground based Uneven-aged Treatment: Individual Tree Mark (ITM) utilizing both group selection and singletree selection. Mark most trees in the 2" DBH to 6" DBH size class, favoring mature trees in good condition; eliminate crown encroachment from regeneration trees under canopies of larger trees. Mark and denote MPB infested trees for complete disposal. Retain 50% of regeneration present favoring Douglas fir and Ponderosa pine.

Tangible Wood Products:

Firewood- approx. 5-10 cords per acre

Post and Pole stock- approx. 50 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

Permits:

None needed at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

Stand 2-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 57

Ponderosa pine- 40

Elevation: 9000 feet

Slope: 13% Avg.

Overall Vigor: 3.0 Avg. – FAIR (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 23% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 33 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 30% Stocked
Ponderosa- 20% Stocked

Density: Average-

Basal Area- 250 sq. ft./acre
Trees/Acre- 1445 TPA
Diameter- 8.6 " DBH

Risk Rating:

High- Due to steep northern slopes, high percentage of regeneration ladder fuels, surface fuel loading of duff in Lodgepole and Crown density is too high on northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Variable Radius Plot Summary

GATES	STAND 2	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 10	33	8.95	34.33	3	1329.25	329.99
Plot 11	31	7.38	32.39	2.9	2196.16	309.99
Plot 12	11	9.99	33.27	3	810.82	110.00
Total n=	75				1445.41	249.99
		Mode	8.80	32.00		
		Median	8.70	33.00		
		Mean	11.84	46.23		
		Std Dev	32.11	122.75		
		Std Err M	3.71	14.17		

Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	3	458.37	10.00
3-4.9 in	4	13	496.56	43.33
5-6.9 in	6	11	[illegible]	[illegible]
7-8.9 in	8	17	8.6	33.46
9-10.9 in	10	14	85.56	46.67
11-12.9 in	12	6	25.46	20.00
13-14.9 in	14	7	21.83	23.33
15-16.9 in	16	2	4.77	6.67
17-18.9 in	18	2	3.77	6.67
	TOTAL	75	1445.41	249.99
	AVG		160.60	27.78
	SD		191.78	18.71
	Std Err M		22.15	2.16

Stand 2

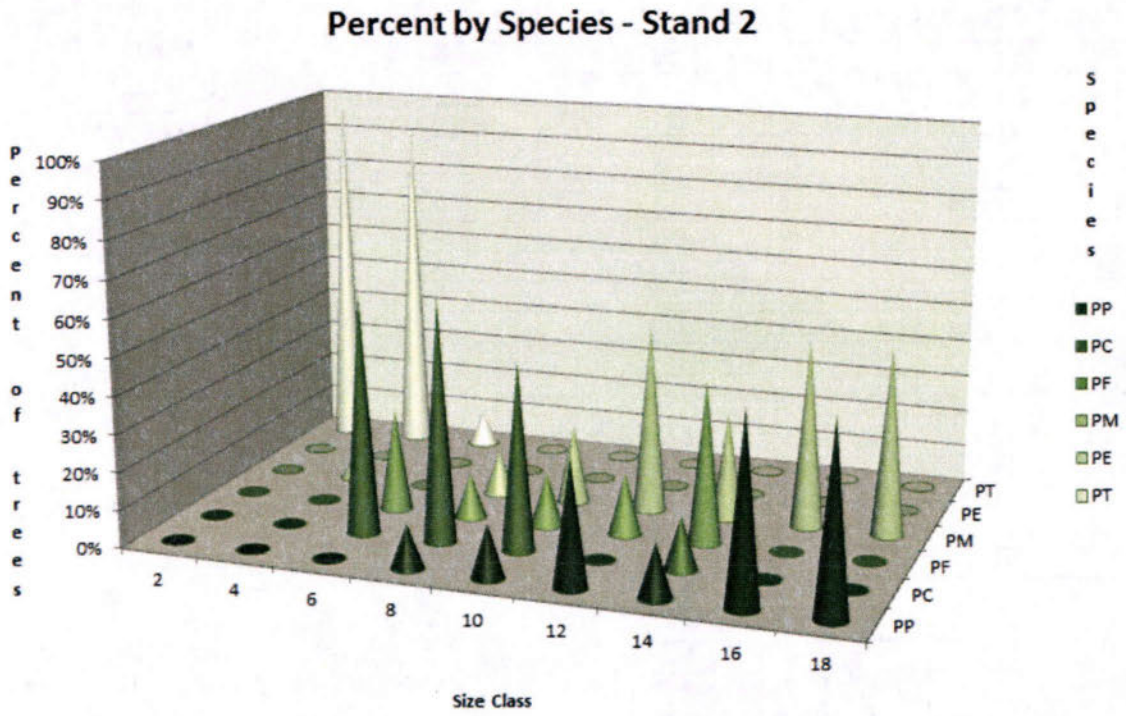
BA per acre: 250

Species Counts:

PP	9
PC	26
PF	11
PM	13
PE	0
PT	16
TOTAL	75

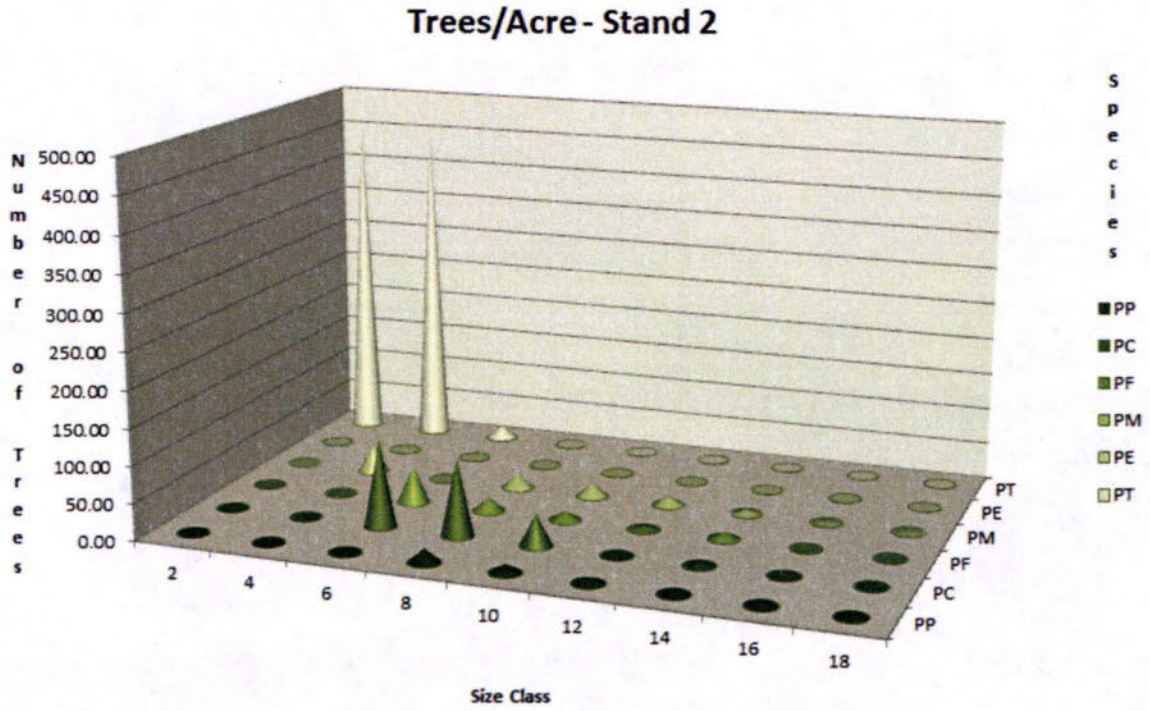
Stand 2:

Species Composition:



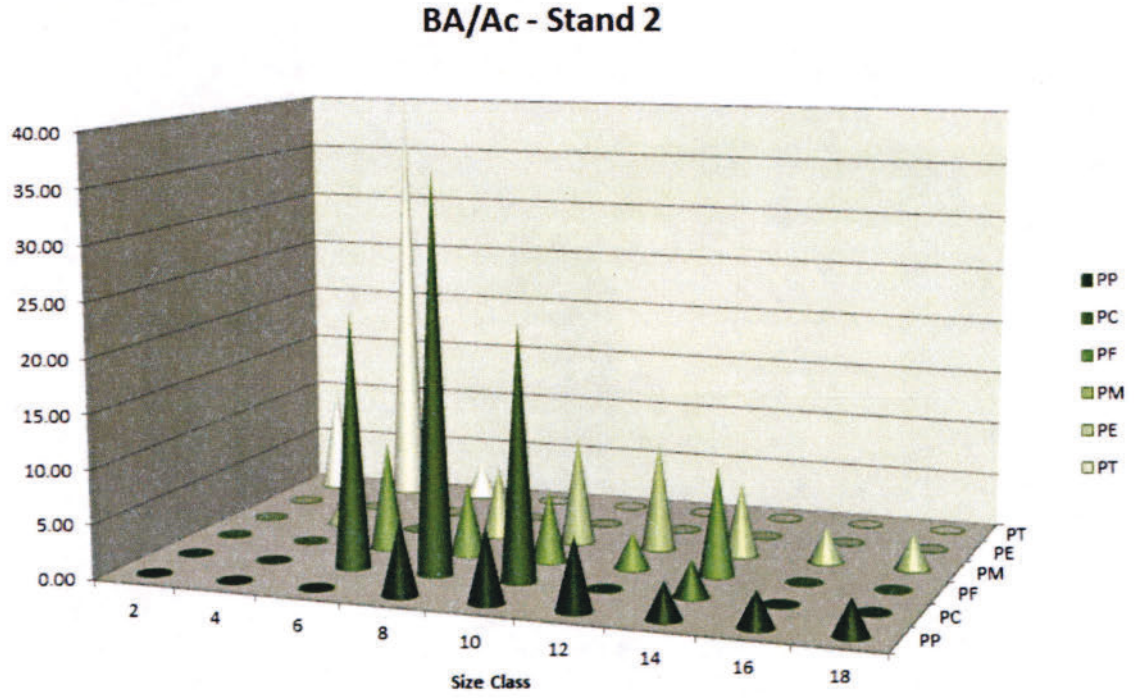
Size Class	PP	PC	PF	PM	PE	PT
2	0%	0%	0%	0%	0%	100%
4	0%	0%	0%	8%	0%	92%
6	0%	64%	27%	0%	0%	9%
8	12%	65%	12%	12%	0%	0%
10	14%	50%	14%	21%	0%	0%
12	33%	0%	17%	50%	0%	0%
14	14%	14%	43%	29%	0%	0%
16	50%	0%	0%	50%	0%	0%
18	50%	0%	0%	50%	0%	0%

Age/Size Distribution:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	458.37	458.37
4	0.00	0.00	0.00	38.20	0.00	458.37	496.56
6	0.00	118.84	50.93	0.00	0.00	16.98	186.74
8	19.10	105.04	19.10	19.10	0.00	0.00	162.34
10	12.22	42.78	12.22	18.33	0.00	0.00	85.56
12	8.49	0.00	4.24	12.73	0.00	0.00	25.46
14	3.12	3.12	9.35	6.24	0.00	0.00	21.83
16	2.39	0.00	0.00	2.39	0.00	0.00	4.77
18	1.89	0.00	0.00	1.89	0.00	0.00	3.77
TOTAL	47.20	269.78	95.85	98.87	0.00	933.71	1445.41
AVG	5.24	29.98	10.65	10.99	0.00	103.75	160.60
SD	6.69	48.62	16.56	12.67	0.00	201.13	191.78
Std Err M	0.77	5.61	1.91	1.46	0.00	23.22	22.15

Current Structure:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	10.00	10.00
4	0.00	0.00	0.00	3.33	0.00	40.00	43.33
6	0.00	23.33	10.00	0.00	0.00	3.33	36.67
8	6.67	36.67	6.67	6.67	0.00	0.00	56.67
10	6.67	23.33	6.67	10.00	0.00	0.00	46.67
12	6.67	0.00	3.33	10.00	0.00	0.00	20.00
14	3.33	3.33	10.00	6.67	0.00	0.00	23.33
16	3.33	0.00	0.00	3.33	0.00	0.00	6.67
18	3.33	0.00	0.00	3.33	0.00	0.00	6.67
TOTAL	30.00	86.66	36.67	43.33	0.00	53.33	249.99
AVG	3.33	9.63	4.07	4.81	0.00	5.93	27.78
SD	2.89	14.19	4.34	3.77	0.00	13.21	18.71
Std Err M	0.33	1.64	0.50	0.44	0.00	1.52	2.16

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 2

Current Size and Shape of Openings:

No current openings of significant size.

Stand 2 Desired Stand Condition (Page 13-14: Planner's Guide)

Desired Forest Type and Age:

Continue to manage Stand 2 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Engelmann spruce and Douglas fir

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified stands.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 10"-12" class; remove all regeneration at present time.

Douglas fir: All size classes present

Engelmann spruce: 8"-15" class; remove majority of regeneration.

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce, Lodgepole pine

Desired Species to Plant:

No plantings are planned at this time.

Desired Number, Size and Shape of Openings:

Openings of ½ -1 acre will be created in the area of the fuel break.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Reduce overall basal area from 250 to 150 square feet per acre on average.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area 60-100 sq. ft. per acre.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 20% and encourage release and create appropriate crown spacing on the steeper north aspects. Reduce trees per acre from 270 to 150.

Uneven-aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. Some areas will be managed for mature limber limber pine with Engelmann spruce cohorts.
Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 2 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 2 Unit A- 6.5 acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting in fuel break, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Stand 2 Unit B- 5.5 Acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Harvesting:

Ground based Even-aged Treatment: Individual Tree Mark (ITM) utilizing group selection. Mark most trees in the 2" DBH to 8" DBH size class. Mark and denote MPB infested trees for complete disposal via chipping or if too large to chip, physically remove the processed bole(s) from the property. Favor Douglas fir and Aspen regeneration in openings.

Tangible Wood Products:

Firewood- approx. 20 cords per acre

Post and Pole stock- approx. 100 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Permits:

None needed at this time.

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

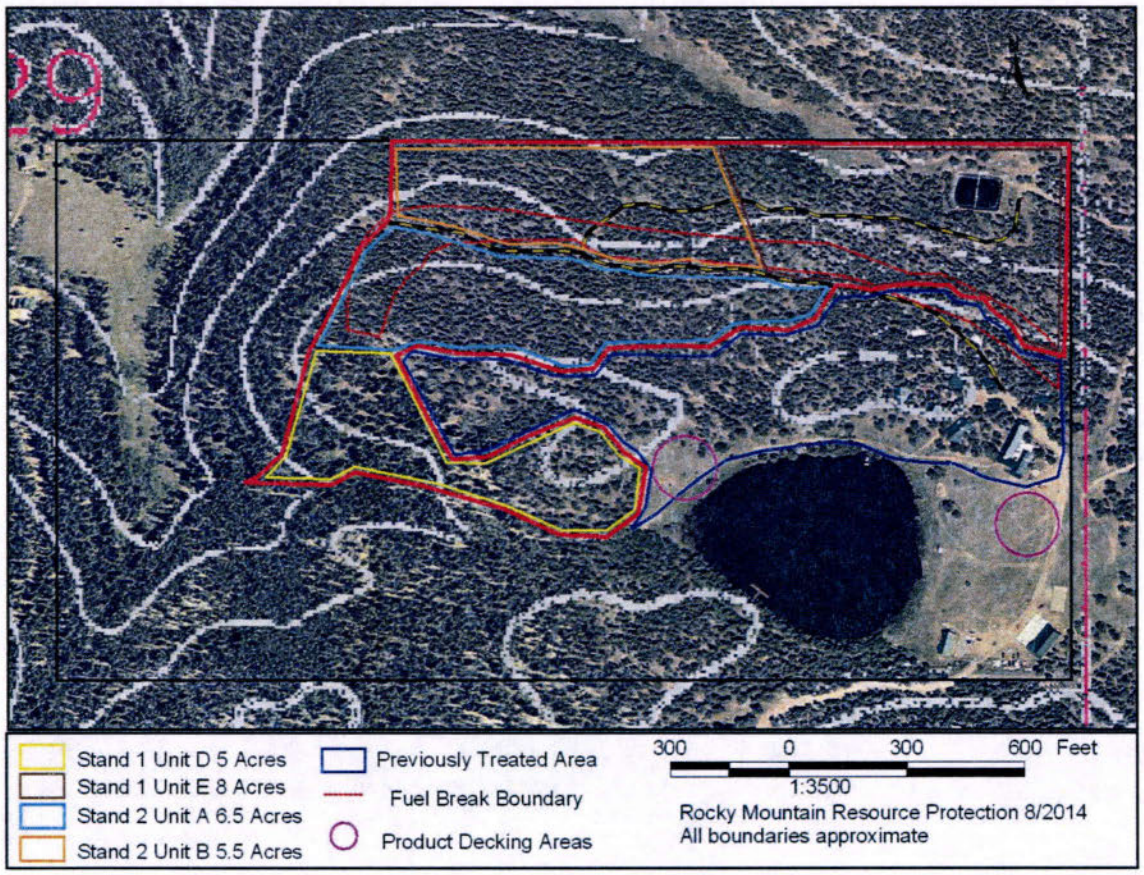
3. Schedule of Work (Include projected start and end month for each block; the order of work among the various blocks; projected times to complete each block; specific measurable objectives for each block, such as residual density)

The goal is to begin the project in August of 2015 to be completed by the end of October 2015, before access to the units is snow bound. It can be approximated that each treatment block will take about 2 weeks based on size. Each block will be treated according to prescription as above.

4. Quality Control (how grant reporting, documentation, and finances will be managed; description of how project will be managed to achieve grant scope of work)

This project will be adjunct funded by the NRCS through the Environmental Quality Incentives Program (EQIP). As a result, installation of the project will be monitored and documented by the Technical Service Provider (TSP) that wrote the NRCS FMP, Rocky Mountain Resource Protection (RMRP LLC). Any information gathered for the NRCS can passed on to the grantee for reporting to the CSFS. Quality assurance will be implemented by the Gates camp manger and TSP during installation. The Boys and Girls Club of Metro Denver will manage the finances.

Gates Camp Treatment Units



CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 1 of 3

In order for the recipient to receive reimbursement, they **must** provide documentation supporting their costs and corresponding match. Reimbursement requests must be **typed** and contain Forms 1-3, receipts for actual costs (out of pocket expenses) incurred by the recipient, and any additional supporting documentation. Other costs and matching funds incurred by the recipient and/or donated by other resources must also be itemized and receipts provided when possible.

1. Make Payment To:

Name: Boys and Girls Club of Metro Denver

Attn: Tanisha Locke, Acct. Code 32000009 5875

Address: 2017 West 9th Avenue

City, State, Zip: Denver, CO 80204

2. CSFS Account Number(s): 1929200

3. CSFS Account Title(s): HB 1199 Extension of Forest Restoration Project

4. Payment Amount Requested: $4,800.00 ***Account Number:*** 1929200

Account Number:

5. Project Name: Gates Camp CWPP Fuels Treatment

6. Project Number (if applicable):

7. Total Award Amount: $24,000.00 ***Account Number:*** 1929200

Account Number:

8. Reimbursed Amount to Date: $19,200.00 ***Account Number:*** 1929200

Account Number:

9. Award Beginning Date: November 16, 2015

Award End Date: October 25, 2017

Payment number	***1st***	***2nd***	***3rd***	***4th***	***Final***

10. a) Reimbursement Request amount cannot exceed Total Award Amount.
b) Reimbursement will only be made if match requirement is met.
c) Reimbursement cannot exceed total project costs incurred by recipient.

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match Recipient and non-recipient (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	D. Total Project Cost	E. Recipient Match Rate (%)
			B+C	C/D
$4,800.00	$4,800.00	$4,917.65	$9,717.65	50.61%

*** Results from Form 3 CSFS Cost Documentation Worksheet will auto populate the table above. Please review in detail and include all documentation supporting the recipient's costs and corresponding match.**

FOR STATE OFFICE USE ONLY

Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Date: _____ KFS Document Number: _____

Vendor Number: _____ Approved for Payment: _____

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 2 of 3

11. What has been accomplished? Please document accomplishments <u>for this reimbursement</u> using the fields below that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. <u>Attach additional sheets as necessary.</u>

Fuels Reduction	***Planned***	***Completed***		***Planned***	***Completed***
Total Acres Treated:	25	5			
Number of Fuelbreaks:			(or) Acres:		
Number of D-Spaces:			(or) Acres:		
Cubic ft. or yards of Slash Collected:			(or) Acres:		

Reforestation

Number of trees planted:			(or) Acres:		

Education and Outreach

Number of workshops/meetings:		
Number of Attendees:		

Please list all communities impacted:

Gates Camp, Ward, Peaceful Valley

Please provide any additional information regarding the project accomplishments:

Completed 5 acres in Unit B, per the scope of work. Timber stand improvement on 5 acres.

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

Grant Recipient Signature: _____ Date: 11/8/2017

Grant Recipient Name: (print) Donald C. Larrabee - Boys and Girls Clubs of Metro Denver

13. Certification: Work meets standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: _____ Date: 11/8/17

District Forester Name: (print) _____

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

Program Manager Signature: _____ Date: _____

Program Manager Name: (print) _____

*** Original Signatures are required for reimbursement.**

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

FORM 3 of 3

Cost Documentation Worksheet

		Match		
A. Remaining Award Amount	**B. Reimbursement Requested Amount (Recipient Cost)**	**C. Match Recipient and non-recipient** (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	**D. Total Project Cost = B+C**	**E. Recipient Match Rate = C/D**
$4,800.00	$4,800.00	$4,917.65	$9,717.65	51%

Date	By Whom	Activity/Expense	Hours	Reimbursement Value ($)	Match Value ($)	Category
10/30/17	RMRP	Contracted thinning in Unit B, TSI 5 acres (Invoice # 61017)		$2,400.00	$2,400.00	Actual Cost
10/30/17	RMRP	Contracted thinning in Unit B, TSI 5 acres (Invoice # 71017)		$2,400.00	$2,517.65	Actual Cost
		Total Project Cost:		**$4,800.00**	**$4,917.65**	

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 22041

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 2 Unit B

Invoice #: **61017**
Date: **10/30/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 10/29/17	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 2 Unit B** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL PAID	**$ 4800.00**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 22041

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 2 Unit B

Invoice #: **71017**
Date: **10/30/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com

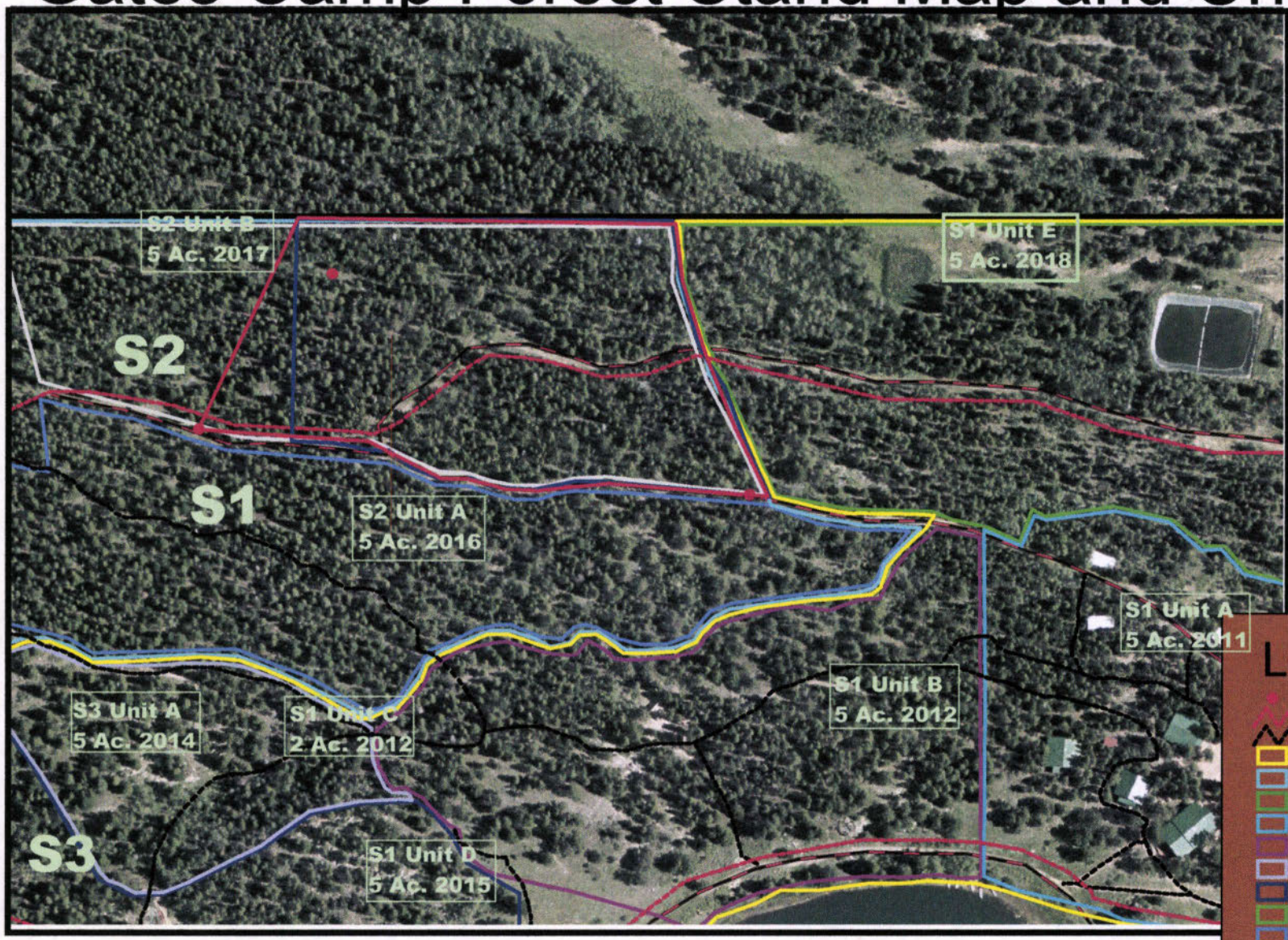
NRCS

Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 10/29/17	666	5	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. **5 acres completed in Stand 2 Unit B.** EQIP portion of the NRCS grant.		$983.53	**$4917.65**
					Subtotal	$4917.65
					Miscellaneous	
					TOTAL PAID	**$4917.65**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Gates Camp Forest Stand Map and Units



N

Legend

- Point_ge.shp
- Fire break boundary.shp
- Trails.shp
- Stand 1.shp
- Stand 2.shp
- Stand 3.shp
- S1 unit a.shp
- S1 unit b.shp
- S1 unit c.shp
- S1 unit d.shp
- S1 unit e.shp
- S2 unit a.shp
- S2 unit b.shp
- S3 unit a.shp
- Unimproved road.shp
- Woody residue treatment area.shp
- Property boundary.shp

200 0 200 400 Feet

1:2000

RMRP Enterprises
E. Folwell
8/22/17

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 2 of 3

11. What has been accomplished? Please document accomplishments <u>for this reimbursement</u> using the fields below that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. <u>Attach additional sheets as necessary.</u>

Fuels Reduction	***Planned***	***Completed***		***Planned***	***Completed***
Total Acres Treated:	25	5			
Number of Fuelbreaks:			(or) Acres:		
Number of D-Spaces:			(or) Acres:		
Cubic ft. or yards of Slash Collected:			(or) Acres:		

Reforestation

Number of trees planted:			(or) Acres:		

Education and Outreach

Number of workshops/meetings:		
Number of Attendees:		

Please list all communities impacted:

Gates Camp, Ward, Peaceful Valley

Please provide any additional information regarding the project accomplishments:

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

Grant Recipient Signature: [signature] Date: 11/8/17

Grant Recipient Name: (print) Donald C. Larrabee - BGCMD

13. Certification: Work meets standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: _____ Date: _____

District Forester Name: (print) _____

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

Program Manager Signature: _____ Date: _____

Program Manager Name: (print) _____

*** Original Signatures are required for reimbursement.**

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 1 of 3

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Name: Boys and Girls Club of Metro Denver

Attn: Tanisha Locke, Acct. Code 32000009 5875

Address: 2017 West 9th Avenue

City, State, Zip: Denver, CO 80204

2. CSFS Account Number(s): 1929200

3. CSFS Account Title(s): ~~HB 1032 FY 14~~ HB 1199 Extension of Forest Restoration Project

4. Payment Amount Requested: $9,600.00 — ***Account Number:*** 1929200 - 6693

Account Number:

5. Project Name: Gates Camp CWPP Fuels Treatment

6. Project Number (if applicable): 1929600 B0-02

7. Total Award Amount: ~~$20,160.00~~ $24,000 — ***Account Number:*** 1929200

Account Number:

8. Reimbursed Amount to Date: $9,600.00 — ***Account Number:*** 1929200

Account Number:

9. Award Beginning Date: November 16, 2015

Award End Date: October 25, 2017

Payment number	***1st***	***2nd***	***3rd***	***4th***	***Final***

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b) Reimbursement will only be made if match requirement is met.

c) Reimbursement cannot exceed total project costs incurred by recipient.

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match Recipient and non-recipient (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	D. Total Project Cost	E. Recipient Match Rate (%)
			B+C	C/D
$10,560.00	$9,600.00	$9,835.30	$19,435.30	50.61%

$14,400

* Results from Form 3 CSFS Cost Documentation Worksheet will auto populate the table above. Please review in detail and include all documentation supporting the recipient's costs and corresponding match.

FOR STATE OFFICE USE ONLY

Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Date: 6-27-2017 — KFS Document Number: 12654743

Vendor Number: 18844-0 — Approved for Payment: YES 6-19-2017

ENCUMBERED

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 2 of 3

11. What has been accomplished? Please document accomplishments for this reimbursement using the fields below that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Fuels Reduction	***Planned***	***Completed***		***Planned***	***Completed***
Total Acres Treated:	25	10			
Number of Fuelbreaks:			(or) Acres		
Number of D-Spaces:			(or) Acres		
Cubic ft. or yards of Slash Collected:			(or) Acres:		
Reforestation					
Number of trees planted:			(or) Acres		
Education and Outreach					
Number of workshops/meetings:					
Number of Attendees:					

Please list all communities impacted:

Gates Camp, Jamestown, Ward, Hidden Lake

Please provide any additional information regarding the project accomplishments:

Completed Units E + A per scope of work.

Treated 10 acres, Timberstands improvement on 10 acres.

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

Grant Recipient Signature: _____ Date: 6/13/17

Grant Recipient Name: (print) Don Larombee - Boys & Girls Clubs of Metro Denver: Gates Camp

13. Certification: Work meets standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: _____ Date: 6/19/17

District Forester Name: (print) Allen Olver

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

Program Manager Signature _____ Date: 6/26/17

Program Manager Name: (print) Scott M. Woods

*** Original Signatures are required for reimbursement.**

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

FORM 3 of 3

Cost Documentation Worksheet

		Match		
A. Remaining Award Amount $14,400	B. Reimbursement Requested Amount (Recipient Cost)	C. Match Recipient and non-recipient (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	D. Total Project Cost = B+C	E. Recipient Match Rate = C/D
$10,560.00	$9,600.00	$9,835.30	$19,435.30	51%

Date	By Whom	Activity/Expense	Hours	Reimbursement Value ($)	Match Value ($)	Category
05/22/17	RMRP	Contracted thinning in Unit A TSI 5 acres		$2,400.00	$2,400.00	Actual Cost
05/22/17	RMRP	Contracted thinning in Unit A 5 acres		$2,400.00	$2,517.65	Actual Cost
03/24/17	RMRP	Contracted thinning in Unit E TSI 5 acres		$2,400.00	$2,400.00	Actual Cost
03/24/17	RMRP	Contracted thinning in Unit E 5 acres		$2,400.00	$2,517.65	Actual Cost
			Total Project Cost:	$9,600.00	$9,835.30	

Disbursement Voucher

Doc Nbr:	12654743	**Status:**	FINAL
Initiator:	kmuskopf@colostate.edu	**Created:**	03:16 PM 06/27/2017

expand all collapse all

* required field

Print Disbursement Voucher Coversheet

Document Overview

hide

Document Overview

*** Description:**	'14 HB-1199 FRG Boys and Girls Club of M	**Explanation:**	FINANCIAL ASSISTANCE PROGRAM COOPERATIVE MATCH PROJECT; FOREST RESTORATION GRANT (FRG); HB 1199 Extension of Forest Restoration Project; Project Number 1929600 BO-02, Account Number 1929200. 4th Payment. Encumbered with Doc # 7501227, Disencumbered with Doc # 12654481.
Organization Document Number:			

Financial Document Detail

*** Bank Code**	02 GENERAL DISBURSEMENTS	**Total Amount:**	9,600.00
*** Accounting Period:**	JUN 2017		

Payment Information

hide

Payment Information

*** Payment Reason Code:**	O - Program Obligations		
*** Payee ID:**	18844-0		
Payee Type:	Vendor	*** Payee Name:**	Boys And Girls Club
Invoice Number:		**Invoice Date:**	
*** Address 1:**	2017 W 9th Ave	**Address 2:**	
*** City:**	Denver	**State:**	CO
Country:	United States	**Postal Code:**	80204
*** Check Amount:**	9,600.00	*** Due Date:**	06/28/2017
Payment Type:	Is this a foreign payee: No Is this payee an employee: No Is this an employee paid outside of payroll:	**Other Considerations:**	Check Enclosure: No W-9/W-8BEN Completed
*** Payment Method:**	P - Check/ACH	*** Documentation Location Code:**	AP - Accounts Payable
*** Check Stub Text:**	Landowner Assistance Grant Reimbursement Forest Restoration Grant 1929600 BO-02 4th Payment 6-27-2017		

Accounting Lines

hide

Accounting Lines

hide detail

Source

	* Chart	* Account Number	Sub-Account	* Object	Sub-Object	Project	Org Ref Id	* Amount	Actions
1	CO Colorado State University	1929200 HB 1199 Extension of Forest Restoration Project		6693 Cost Share Reimbursement			BO	9,600.00	
	Line Description								
	FRG Boys and Girls Club of Metro Denver								

Total: 9,600.00

Contact Information

hide

Contact Information

*** Contact Name:**	Muskopf, Kristy Lynn
*** Phone Number:**	000-000-0000
Email Address:	Kristy.Muskopf@colostate.edu
Campus Code:	MC - CSU Main Campus

Special Handling show

Nonresident Alien Tax show

Wire Transfer show

Foreign Draft show

show

HB 12-1032 FY 2014 Forest Restoration Grant

Last Updated 6/19/2017

Last Viewed 6/19/2017

Boulder District Project Number 1929600 BO-02 - Account 1929200 G $24,000

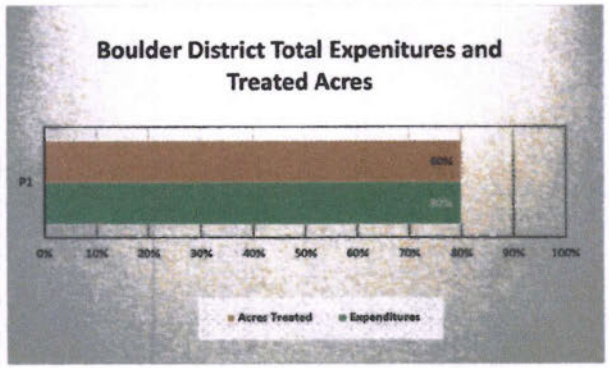
Project Start Date 8/13/13 - Project End Date 10/25/16

Project Progress

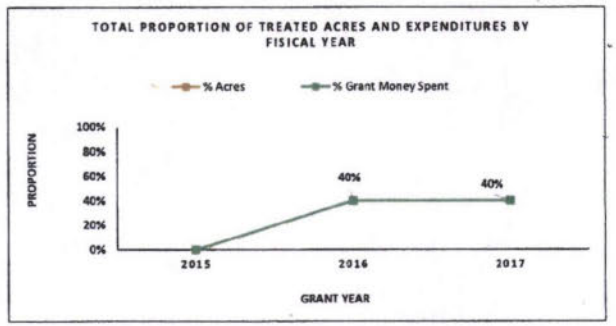
	Project Name / Cooperator	Project Award	Award Spent	Acres Targeted	Acres Completed
P1	Gates Camp CWPP Fuels Treatment / Boys and Girls Club of Metro Denver	$24,000	$19,200	25	20

Reimbursements To Date

Cooperator Name	Date	Account	Amount	Acres Treated
Boys and Girls Club Metro Denver	2/10/2016	1929200 G	$1,920	2
Boys and Girls Club Metro Denver	8/4/2016	1929200 G	$2,880	3
Boys and Girls Club Metro Denver	12/5/2016	1929200 G	$4,800	5
Boys and Girls Club Metro Denver	6/23/2017	1929200 G	$9,600	10



Total Boulder Project Dollars	Project Balance	Total Reimbursements	Total Acres Treated
$24,000	**$4,800**	**$19,200**	**20**



Encumbrance Amount $14,400 1929200 G

Additional Accomplishments:
5 acres of Slash Chipped, 5 acres of Timber Stand Improvement

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 2 Unit A

Invoice #: **30517**
Date: **5/22/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 5/20/17	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 2 Unit A** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL PAID	**$ 4800.00**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 2 Unit A

Invoice #: **40517**
Date: **5/22/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com
NRCS
Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 5/20/17	666	5	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. **5 acres completed in Stand 2 Unit A.** EQIP portion of the NRCS grant.		$983.53	**$4917.65**
					Subtotal	$4917.65
					Miscellaneous	
					TOTAL PAID	**$4917.65**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 1 Unit E

Invoice #: **20317**
Date: **3/24/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 3/22/17	Tree Cutting	5	Forest Stand Improvement on 5 Acres in **Stand 1 Unit E** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL PAID	**$ 4800.00**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 1 Unit E

Invoice #: **10317**
Date: **3/24/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 3/22/17	666	5	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. **5 acres completed in Stand 1 Unit E.** EQIP portion of the NRCS grant.		$983.53	**$4917.65**
					Subtotal	$4917.65
					Miscellaneous	
					TOTAL PAID	**$4917.65**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 1 of 3

In order for the recipient to receive reimbursement, they **must** provide documentation supporting their costs and corresponding match. Reimbursement requests must be **typed** and contain Forms 1-3, receipts for actual costs (out of pocket expenses) incurred by the recipient, and any additional supporting documentation. Other costs and matching funds incurred by the recipient and/or donated by other resources must also be itemized and receipts provided when possible.

1. Make Payment To:

Name: Boys and Girls Club of Metro Denver

Attn: Tanisha Locke, Acct. Code 32000009 5875

Address: 2017 West 9th Avenue

City, State, Zip: Denver, CO 80204

2. CSFS Account Number(s): 1929200

3. CSFS Account Title(s): HB 1032 FY 14

4. Payment Amount Requested: $9,600.00 — ***Account Number:*** 1929200 — ***Account Number:***

5. Project Name: Gates Camp CWPP Fuels Treatment

6. Project Number (if applicable):

7. Total Award Amount: $20,160.00 ? 24K — ***Account Number:*** 1929200 — ***Account Number:***

8. Reimbursed Amount to Date: $9,600.00 — ***Account Number:*** 1929200 — ***Account Number:***

9. Award Beginning Date: November 16, 2015

Award End Date: October 25, 2017

Payment number	***1st***	***2nd***	***3rd***	***4th***	***Final***

10. a) Reimbursement Request amount cannot exceed Total Award Amount.
b) Reimbursement will only be made if match requirement is met.
c) Reimbursement cannot exceed total project costs incurred by recipient.

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match Recipient and non-recipient (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	D. Total Project Cost	E. Recipient Match Rate (%)
			B+C	C/D
$10,560.00	$9,600.00	$9,835.30	$19,435.30	50.61%

*** Results from Form 3 CSFS Cost Documentation Worksheet will auto populate the table above. Please review in detail and include all documentation supporting the recipient's costs and corresponding match.**

FOR STATE OFFICE USE ONLY

Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Date: _____ KFS Document Number: _____

Vendor Number: _____ Approved for Payment: _____

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

Form 2 of 3

11. What has been accomplished? Please document accomplishments for this reimbursement using the fields below that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Fuels Reduction	***Planned***	***Completed***		***Planned***	***Completed***
Total Acres Treated:	25	10			
Number of Fuelbreaks:			(or) Acres:		
Number of D-Spaces:			(or) Acres:		
Cubic ft. or yards of Slash Collected:			(or) Acres:		
Reforestation					
Number of trees planted:			(or) Acres:		
Education and Outreach					
Number of workshops/meetings:					
Number of Attendees:					

Please list all communities impacted:

Gates Camp, Jamestown, Ward, Hidden Lake

Please provide any additional information regarding the project accomplishments:

Completed Units E + A per scope of work.

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

Grant Recipient Signature: [signature] Date: 6/13/17

Grant Recipient Name: (print) Don Larrabee - Boys & Girls Clubs of Metro Denver: Gates Camp

13. Certification: Work meets standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: [signature] Date: 6/19/17

District Forester Name: (print) Allen Oliver

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

Program Manager Signature: Date:

Program Manager Name: (print)

*** Original Signatures are required for reimbursement.**

CSFS GRANT REIMBURSEMENT REQUEST PACKAGE

FORM 3 of 3

Cost Documentation Worksheet

		Match		
A. Remaining Award Amount	B. Reimbursement Requested Amount (Recipient Cost)	C. Match Recipient and non-recipient (reimbursable costs that exceed the award amount and meet the scope of work or non-recipient cost donated and used as match)	D. Total Project Cost = B+C	E. Recipient Match Rate = C/D
$10,560.00	$9,600.00	$9,835.30	$19,435.30	51%

Date	By Whom	Activity/Expense	Hours	Reimbursement Value ($)	Match Value ($)	Category
05/22/17	RMRP	Contracted thinning in Unit A		$2,400.00	$2,400.00	Actual Cost
05/22/17	RMRP	Contracted thinning in Unit A		$2,400.00	$2,517.65	Actual Cost
03/24/17	RMRP	Contracted thinning in Unit E		$2,400.00	$2,400.00	Actual Cost
03/24/17	RMRP	Contracted thinning in Unit E		$2,400.00	$2,517.65	Actual Cost
			Total Project Cost:	$9,600.00	$9,835.30	

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 1 Unit E

Invoice #: **10317**
Date: **3/24/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 3/22/17	666	5	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. **5 acres completed in Stand 1 Unit E.** EQIP portion of the NRCS grant.		$983.53	**$4917.65**
					Subtotal	$4917.65
					Miscellaneous	
					TOTAL PAID	**$4917.65**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 1 Unit E

Invoice #: **20317**
Date: **3/24/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 3/22/17	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 1 Unit E** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL PAID	**$ 4800.00**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 2 Unit A

Invoice #: **40517**
Date: **5/22/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 5/20/17	666	5	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. **5 acres completed in Stand 2 Unit A.** EQIP portion of the NRCS grant.		$983.53	**$4917.65**
					Subtotal	$4917.65
					Miscellaneous	
					TOTAL PAID	**$4917.65**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 20200

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 2 Unit A

Invoice #: **30517**
Date: **5/22/17**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 5/20/17	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 2 Unit A** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL PAID	**$ 4800.00**

RMRP Enterprises
601 Johnson Avenue
Louisville, CO 80027

Form 828 - Rev. 12/2/15

Colorado State University

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 (VFA/RFA)	
Colorado Forest Restoration Grant A810-32 FY14	X
Insect and Disease Prevention and Suppression Program	
State Fire Assistance (SFA)	
Front Range Fuels Treatment Partnership (FRFTP)	
Stevens Fuels Treatment Funds (CAFA)	
Emergency Supplemental Funds (ESF)	

☒ Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/ 11-16-16

Name: Boys and Girls Clubs of Metro Denver 18844-0

Address: Attn: Tanisha Locke, Acct: 3200000095875
2017 West 9th Ave
Denver, CO 80204

Approved for payment
CSFS
Doc# 10782541
ENCUMBERED

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

Grant Number: 1929200 (1929600 B0-02)

Non-Federal Match: $7,868.24

CSFS Account Number: 1929200-6693

Federal Match: Ø

Approved Funding: $24,000.00

Total Match: $7,868.24

Amount of Payment: $4,800.00

Total Project: $12,668.24

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

Program Manager Signature [signature] Date: 11/30/16

Program Manager Name Naomi Marcus

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

Enumbrance

EXHIBIT B

CSFS GRANT AND COST-SHARE PROGRAM REIMBURSEMENT REQUEST

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

1. Project/Account #: ~~1929200~~ 1929600 B0-02	2. Total Award Amount: $24,000
3. Project Name: Gates Camp CWPP Fuels Treatment	4. Reimbursed Amount to Date: $4,800.00
5. Make Payment To: Name: Boys and Girls Clubs of Metro Denver Attn: Tanisha Locke, Acct. Code 32000009 5875 Address: 2017 West 9th Ave. Denver, CO 80204	6. Period of Performance (Project Period): From: 5/28/2016 To: 10/3/2016

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Completed 5 acres as the third installment of the 25 acre project. Fuels treatment was completed on 5 acres in Stand 3, Unit A, including bolewood removal and slash chipping. Treatment was completed to specifications identified in the project scope of work.

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

A. Remaining Award Amount	B. Reimbursement Requested Amount - (recipient cost)	C. Match (recipient cost)	D. Match (non-recipient cost)	E. Total Project Cost	F. Recipient Match Rate (%)
				B+C+D	(C+D)/E
$20,160	$4,800	$7,868.24		$12,668.24	62%

* Use results from Form D CSFS Financial Assistance Cost Documentation Worksheet to complete table above. Include Form D, and other approved documentation with Exhibit B to request reimbursement.

Reimbursement Request: I request reimbursement in the amount of $ 4,800.00 for the work completed and documented above or attached.

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

Grant Recipient Signature: _____ Date: 11/15/16

10. Certification:

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

District Forester Signature: _____ Date: 11/15/16

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

Program Manager Signature: _____ Date: 11/30/16

Form D

CSFS Financial Assistance Cost-Share Program Cost Documentation Worksheet

Project/Account #: 1929200 / Project # 1929600 80-02

Award Amount (obligated from funding source): $24,000.00

A. Remaining Award Amount: $20,160.00

Reimbursement Request: ☐ First ☐ Second ☒ Third ☐ Fourth ☐ Fifth ☐ Final

	Match			
B. Recipient Cost to be reimbursed (not to exceed the remaining award amount and excluding items not eligible for reimbursement)*a	C. Recipient Cost (reimbursable costs that exceed the award amount and items or costs not allowable for reimbursement)**a	D. Non-recipient Cost*b	E. Total Project Cost = B+C+D	F. Recipient Match Rate = (C+D)/E
$4,800.00	$7,868.24	$0.00	$12,668.24	62%

Date	By Whom	Activity/Expense	Hours	Value ($)	Cost Category
9/13/2016	RMRP	Contracted Work - Invoice #20916		$4,800.00	Actual Cost reimbursable costs
10/3/2016	RMRP	Contracted Work - Invoice #21016		$7,868.24	Actual Cost reimbursable costs
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	

TOTALS: G. Cumulative Recipient Cost= $12,668.24

H. Recipient Cost (Match)= $7,868.24

I. Non-recipient Cost (Match)= $0.00

Grant Recipient Signature: _____ Date: 11/15/16

District Forester Signature: _____ Date: 11/15/16

Revised November 2013

HB 12-1032 FY 2014 Forest Restoration Grant

Boulder District Project Number 1929600 BO-02 - Account 1929200 G $24,000

Last Updated 12/5/2016 KLM

Last Viewed 12/5/2016

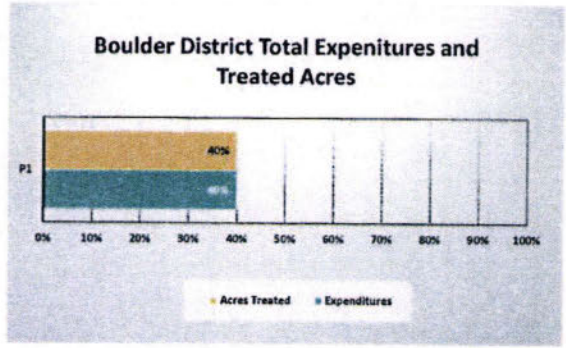
Project Start Date 8/13/13 - Project End Date 10/25/16

Project Progress

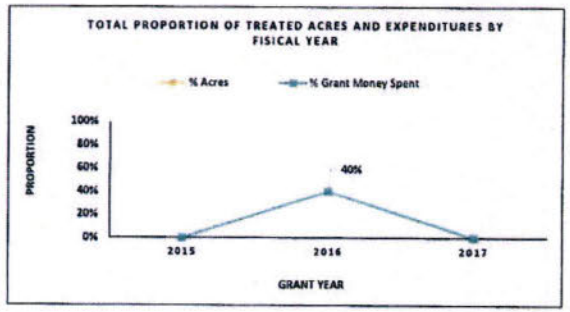
	Project Name / Cooperator	Project Award	Award Spent	Acres Targeted	Acres Completed
P1	Gates Camp CWPP Fuels Treatment / Boys and Girls Club of Metro Denver	$24,000	$9,600	25	10

Reimbursements To Date

Cooperator Name	Date	Account	Amount	Acres Treated
Boys and Girls Club Metro Denver	2/10/2016	1929200 G	$1,920	2
Boys and Girls Club Metro Denver	8/4/2016	1929200 G	$2,880	3
Boys and Girls Club Metro Denver	12/5/2016	1929200 G	$4,800	5



Total Boulder Project Dollars	Project Balance	Total Reimbursements	Total Acres Treated
$24,000	**$14,400**	**$9,600**	**10**



Encumbrance Amount $14,400 1929200 G

Additional Accomplishments:
5 acres of slash chipped

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 17158

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Invoice #: **20916**
Date: **9/13/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 9/12/2016	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 3 Unit A** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL DUE	**$ 4800.00**

Please make check payable to **RMRP Enterprises.**
Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO # 19093

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 1 Unit D/Stand 3 Unit A

Invoice #: **21016**
Date: **10/3/16**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com
NRCS
Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 10/3/16	666 FSI	8	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. 3 acres completed, **Stand 1 Unit D** and 5 acres, **Stand 3 Unit A**. EQIP portion of the NRCS grant.		$983.53/Ac.	**$7868.24**
					Subtotal	$7868.24
					Miscellaneous	
					TOTAL DUE	**$7868.24**

Make Payable To: RMRP Enterprises

Please Remit To:
RMRP Enterprises
601 Johnson Avenue
Louisville, CO

Form 828 - Rev. 12/2/15

Colorado State University

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 (VFA/RFA)	
Colorado Forest Restoration Grant	X
Insect and Disease Prevention and Suppression Program	
State Fire Assistance (SFA)	
Front Range Fuels Treatment Partnership (FRFTP)	
Stevens Fuels Treatment Funds (CAFA)	
Emergency Supplemental Funds (ESF)	

☐ Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Name: Boys and Girls Clubs of Metro Denver

Address: Attn: Tanisha Locke, Acct: 320000095875
2017 West 9th Ave
Denver, CO 80204

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

Grant Number: 1929200

Non-Federal Match: _____

CSFS Account Number: 1929200

Federal Match: _____

Approved Funding: $24,000.00

Total Match: _____

Amount of Payment: $4,800.00

Total Project: $12,668.24

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

Program Manager Signature _____ Date: _____

Program Manager Name _____

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

EXHIBIT B

CSFS GRANT AND COST-SHARE PROGRAM REIMBURSEMENT REQUEST

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

1. Project/Account #: 1929200	2. Total Award Amount: $24,000
3. Project Name: Gates Camp CWPP Fuels Treatment	4. Reimbursed Amount to Date: $4,800.00
5. Make Payment To: Name: Boys and Girls Clubs of Metro Denver Attn: Tanisha Locke, Acct. Code 32000009 5875 Address: 2017 West 9th Ave. Denver, CO 80204	6. Period of Performance (Project Period): From: 5/28/2016 To: 10/3/2016

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Completed 5 acres as the third installment of the 25 acre project. Fuels treatment was completed on 5 acres in Stand 3, Unit A, including bolewood removal and slash chipping. Treatment was completed to specifications identified in the project scope of work.

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

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match (recipient cost)	D. Match (non-recipient cost)	E. Total Project Cost	F. Recipient Match Rate (%)
				B+C+D	(C+D)/E
$20,160	$4,800	$7,868.24		$12,668.24	62%

*** Use results from Form D CSFS Financial Assistance Cost Documentation Worksheet to complete table above. Include Form D, and other approved documentation with Exhibit B to request reimbursement.**

Reimbursement Request: I request reimbursement in the amount of $ 4,800.00 for the work completed and documented above or attached.

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

Grant Recipient Signature: _____ Date: 11/15/16

10. Certification:

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

District Forester Signature: _____ Date: 11/15/16

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

Program Manager Signature: _____ Date:

Form D

CSFS Financial Assistance Cost-Share Program Cost Documentation Worksheet

Project/Account #: 1929200

Award Amount (obligated from funding source): $24,000.00

A. Remaining Award Amount: $20,160.00

Reimbursement Request: ☐ First ☐ Second ☐ Third ☐ Fourth ☐ Fifth ☐ Final

	Match			
B. Recipient Cost to be reimbursed (not to exceed the remaining award amount and excluding items not eligible for reimbursement)*a	**C. Recipient Cost** (reimbursable costs that exceed the award amount and items or costs not allowable for reimbursement)**a	**D. Non-recipient Cost***b	**E. Total Project Cost = B+C+D**	**F. Recipient Match Rate = (C+D)/E**
$4,800.00	$7,868.24	$0.00	$12,668.24	62%

Date	By Whom	Activity/Expense	Hours	Value ($)	Cost Category
9/13/2016	RMRP	Contracted Work - Invoice #20916		$4,800.00	Actual Cost: reimbursable costs
10/3/2016	RMRP	Contracted Work - Invoice #21016		$7,868.24	Actual Cost: reimbursable costs
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	

TOTALS: **G. Cumulative Recipient Cost=** $12,668.24

H. Recipient Cost (Match)= $7,868.24

I. Non-recipient Cost (Match)= $0.00

Grant Recipient Signature: _____ Date: 11/15/16

District Forester Signature: _____ Date: 11/15/16

Revised November 2013

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 17158

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Invoice #: **20916**
Date: **9/13/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 9/12/2016	Tree Cutting	5	Forest Stand Improvement on **5 Acres in Stand 3 Unit A** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 4800.00
					Subtotal	$ 4800.00
					Miscellaneous	
					TOTAL DUE	**$ 4800.00**

Please make check payable to **RMRP Enterprises**.
Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO # 19093

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting
Stand 1 Unit D/Stand 3 Unit A

Invoice #: **21016**
Date: **10/3/16**
Customer ID: **BGCMD**

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com

NRCS

Technical Service Provider

Date of Service	Item	Units	Description		Unit Price	Total
Completed 10/3/16	666 FSI	8	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. 3 acres completed, **Stand 1 Unit D** and 5 acres, **Stand 3 Unit A**. EQIP portion of the NRCS grant.		$983.53/Ac.	**$7868.24**
					Subtotal	$7868.24
					Miscellaneous	
					TOTAL DUE	**$7868.24**

Make Payable To: RMRP Enterprises

Please Remit To:
RMRP Enterprises
601 Johnson Avenue
Louisville, CO

Form 828 - Rev. 12/2/15

Colorado State University

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 (VFA/RFA)	
Colorado Forest Restoration Grant	
Insect and Disease Prevention and Suppression Program	X
State Fire Assistance (SFA)	
Front Range Fuels Treatment Partnership (FRFTP)	
Stevens Fuels Treatment Funds (CAFA)	
Emergency Supplemental Funds (ESF)	

☐ Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Name: Boys and Girls Clubs of Metro Denver

Address: Attn: Tanisha Locke, Acct. Code: 320000095875
2017 West 9th Ave
Denver, CO 80204

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

Grant Number: 1929200

CSFS Account Number: 1929200

Approved Funding: $24,000.00

Amount of Payment: $2,880.00

Non-Federal Match: _____

Federal Match: _____

Total Match: _____

Total Project: $5,830.59

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

Program Manager Signature _____ Date: _____

Program Manager Name _____

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

EXHIBIT B

CSFS GRANT AND COST-SHARE PROGRAM REIMBURSEMENT REQUEST

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

1. Project/Account #: 1929200

2. Total Award Amount: $24,000

3. Project Name: Gates Camp CWPP Fuels Treatment

4. Reimbursed Amount to Date: $1,920.00

5. Make Payment To:
Name: Boys and Girls Clubs of Metro Denver
Attn: Tanisha Locke, Acct. Code 32000009 5875
Address: 2017 West 9th Ave.
Denver, CO 80204

6. Period of Performance (Project Period):
From: 1/21/2016
To: 5/27/2016

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Completed 3 acres as the second installment of the 25 acre project. Fuels treatment was completed on 3 acres including bolewood removal and slash chipping. Treatment was completed to specifications identified in the project scope of work.

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

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match (recipient cost)	D. Match (non-recipient cost)	E. Total Project Cost	F. Recipient Match Rate (%)
				B+C+D	(C+D)/E
$22,080	$2,880	$2,950.59		$5,830.59	51%

*** Use results from Form D CSFS Financial Assistance Cost Documentation Worksheet to complete table above. Include Form D, and other approved documentation with Exhibit B to request reimbursement.**

Reimbursement Request: I request reimbursement in the amount of $ 2,880.00 for the work completed and documented above or attached.

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

Grant Recipient Signature: _____ Date: 7/14/16

10. Certification:

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

District Forester Signature: _____ Date: 7/20/16

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

Program Manager Signature: _____ Date:

7/14/16

*a **Recipient Cost to be reimbursed** includes: contracted services with receipts; recipients's own labor (i.e. landowner labor) to be valued at current volunteer labor rate; labor of recipient's employees-salaried employees-to be valued at actual amount and must be documented; equipment rental with receipts, use of recipient-owned equipment to valued at current market rental rate; cost of supplies with receipts, including consumable items such as bar oil and two cycle fuel, but does not include repairs or other parts, such as chains, sparkplugs, etc.; materials with receipts; materials, if provided by recipient is to be valued at current market price; meeting room rental with receipts; meeting room provided by recipient to be valued at current market price; printing with receipts

Current volunteer labor rate is the current rate at the time of reimbursement request. ***Reimbursement for these costs cannot exceed the obligated amount and must meet the cost share rate. Any recipient costs categorized as "reimbursable" that exceed the obligated award amount can be used as match to an award.***

a **Recipient Cost designated as match includes all items list for *a: contracted services with receipts; recipients's own labor to be valued at current volunteer labor rate; labor of recipient's employees-salaried employees-to be valued at actual amount and must be documented; equipment rental with receipts, use of recipient-owned equipment to valued at current market rental rate; cost of supplies with receipts, including items such as bar oil and two cycle fuel; materials with receipts; materials, if provided to valued at current market price; meeting room rental with receipts; meeting room provided by recipient to be valued at current market price; printing with receipts. Additionally, recipient cost designated as match includes items not eligible for reimbursement such as supplies and repairs or other parts (i.e. chains, sparkplugs, etc.)

Current volunteer labor rate is the current rate at the time of reimbursement request. Any recipient costs can be used as match to an award, including recipient costs categorized as "reimbursable" that exceed the obligated award amount, and supplies, materials and equipment categorized as "non-allowable" can be used as matchto an award.

*b This includes: volunteers' labor to be valued at current volunteer labor rate; donated materials/supplies to be valued at market value; donated use of equipment to be valued at rental rate; meeting room provided by a third party to be valued at market price.

Non-recipient costs can be used as match to an award and the recipient will not be reimbursed for these costs

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com
NRCS
Technical Service Provider

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 1 Unit D

Invoice #: **80516**
Date: **5/27/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description		Unit Price	Total
Completed 5/24/16	666	3	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. 3 acres completed in Stand 1 Unit D. EQIP portion of the NRCS grant.		$983.53	**$2950.59**
					Subtotal	$2950.59
					Miscellaneous	
					TOTAL DUE	**$2950.59**

Please make check payable to: **RMRP Enterprises**.

Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 17158

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Invoice #: **60516**
Date: **5/27/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 5/24/2016	Tree Cutting	3	Forest Stand Improvement on **3 Acres in Stand 1 Unit D** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 2880.00
					Subtotal	$ 2880.00
					Miscellaneous	
					TOTAL DUE	**$ 2880.00**

Please make check payable to **RMRP Enterprises**.
Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Disbursement Voucher

Doc Nbr:	8129682	**Status:**	FINAL
Initiator:	sarahcd@colostate.edu	**Created:**	02:00 PM 02/10/2016

expand all collapse all

* required field

Print Disbursement Voucher Coversheet

Document Overview

hide

Document Overview

*** Description:**	HB1199 Boys and Girls Club Metro Denver	**Explanation:**	FINANCIAL ASSISTANCE PROGRAM COOPERATIVE MATCH PROGRAM; HB1199 Forest Restoration; 1929600-BO-02 Gates Camp CWPP Fuels Treatment/Boys and Girls Clubs of Metro Denver. Program Manager Naomi Marcus has authorized 1st payment against account number 1929200. 1st Payment $1,920.00 Encumbered $24,000 on 7501227, Disencumbered $1,920 on 8129229.
Organization Document Number:			

Financial Document Detail

*** Bank Code**	02 GENERAL DISBURSEMENTS	**Total Amount:**	1,920.00

Payment Information

hide

Payment Information

*** Payment Reason Code:**	O - Program Obligations		
*** Payee ID:**	18844-0		
Payee Type:	Vendor	*** Payee Name:**	Boys And Girls Club
Invoice Number:		**Invoice Date:**	
*** Address 1:**	2017 W 9th Ave	**Address 2:**	
*** City:**	Denver	**State:**	CO
Country:	United States	**Postal Code:**	80204
*** Check Amount:**	1,920.00	*** Due Date:**	02/11/2016
Payment Type:	Is this a foreign payee: No Is this payee an employee: No Is this an employee paid outside of payroll:	**Other Considerations:**	Check Enclosure: No ☑ W-9/W-8BEN Completed
*** Payment Method:**	P - Check/ACH	*** Documentation Location Code:**	AP - Accounts Payable
*** Check Stub Text:**	Attn: Tanisha Locke, Acct. Code 320000095875 Landowner Assistance Grant Reimbursement Colorado Forest Restoration Grant 1929600-BO-02 1st Payment Form 828 2/10/2016.		

For the Boulder District file.

Accounting Lines hide

Accounting Lines ? hide detail

Source

	* Chart	* Account Number	Sub-Account	* Object	Sub-Object	Project	Org Ref Id	* Amount	Actions
1	CO Colorado State University	1929200 HB 1199 Extension of Forest Restoration Project		6693 Cost Share Reimbursement			BO	1,920.00	
	Line Description								
	HB1199 Form 828 Boys and Girls Club								
								Total: 1,920.00	

Contact Information hide

Contact Information

*** Contact Name:**	Drinkwine, Sarah
*** Phone Number:**	000-000-0000
Email Address:	Sarah.Drinkwine@colostate.edu
Campus Code:	MC - CSU Main Campus

Special Handling show

Nonresident Alien Tax show

Wire Transfer show

Foreign Draft show

Non-Employee Travel Expense show

Pre-Paid Travel Expenses show

Pre-Disbursement Processor Status show

General Ledger Pending Entries show

Notes and Attachments (1) hide

Notes and Attachments

	Posted Timestamp	Author	* Note Text	Attached File	Notification Recipient	Actions

add:				Browse... CANCEL		add
1	02/10/2016 02:16 PM	Drinkwine, Sarah	CSFS Boulder District. From 828 and Supporting Documentation	Form 828_Boys and Girls Club 1929200-1929600-BO-02 2-10-16_1,920 1st Payment Doc#8129682.pdf (247 KB, application/pdf)		send

Ad Hoc Recipients show

Route Log show

send ad hoc request | close | copy

Form 828 - Rev. 3/19/14

ENCUMBERED on Doc. # 7501227

PROJECT # 1929600 - BO-02

Charge Acct. 1929200

Colorado State University

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 (VFA/RFA)	
Colorado Forest Restoration Grant	X
Insect and Disease Prevention and Suppression Program	
State Fire Assistance (SFA)	
Front Range Fuels Treatment Partnership (FRFTP)	
Stevens Fuels Treatment Funds (CAFA)	
Emergency Supplemental Funds (ESF)	

☑ Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/ 2/10/16 SD

Name: Boys and Girls Clubs of Metro Denver

Address: Attn: Tanisha Locke, Acct. Code 320000095875

2017 West 9th Ave

Denver, CO 80204

Approved for payment
CSFS
DOC # 8129682
2/10/16 SD

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

Grant Number: 1929200 / 3 1929600-BO-02 Non-Federal Match: ~~$1920.00~~

Approved Funding: $24,000.00 Total Project: $4239.06

CSFS Account Number: 1929200 - 6693 Amount of Payment: $1920.00

HB1199 Extension of Forest Restoration Project

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

Program Manager Signature _____ Date: 2/10/16

Program Manager Name Naomi J. Marcus

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

Form 828 - Rev. 3/19/14

Colorado State University

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 (VFA/RFA)	
Colorado Forest Restoration Grant	X
Insect and Disease Prevention and Suppression Program	
State Fire Assistance (SFA)	
Front Range Fuels Treatment Partnership (FRFTP)	
Stevens Fuels Treatment Funds (CAFA)	
Emergency Supplemental Funds (ESF)	

☐ Checked for Federal suspension and debarment (State Office) https://www.sam.gov/portal/public/SAM/

Name: Boys and Girls Clubs of Metro Denver

Address: Attn: Tanisha Locke, Acct. Code 320000095875
2017 West 9th Ave
Denver, CO 80204

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

Grant Number: 1929200

Non-Federal Match: _____

Approved Funding: $24,000.00

Total Project: $4239.06

CSFS Account Number: 1929200

Amount of Payment: $1920.00

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

Program Manager Signature _____ Date: _____

Program Manager Name_____

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

EXHIBIT B

CSFS GRANT AND COST-SHARE PROGRAM REIMBURSEMENT REQUEST

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

1. Project/Account #: 1929200	2. Total Award Amount: $24,000
3. Project Name: Gates Camp CWPP Fuels Treatment	4. Reimbursed Amount to Date: $1,920.00
5. Make Payment To: Name: Boys and Girls Clubs of Metro Denver Attn: Tanisha Locke, Acct. Code 32000009 5875 Address: 2017 West 9th Ave. Denver, CO 80204	6. Period of Performance (Project Period): From: 11/3/2015 To: 1/20/2016

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of, cubic feet or yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

Completed 2 acres as the first installment of the 25 acre project. Fuels treatment was completed on 2 acres including bolewood removal and slash chipping. Treatment was completed to spe

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

A. Remaining Award Amount	B. Reimbursement Requested Amount (recipient cost)	C. Match (recipient cost)	D. Match (non-recipient cost)	E. Total Project Cost	F. Recipient Match Rate (%)
				B+C+D	(C+D)/E
$24,000	$1,920	$2,319.06		$4,239.06	55%

*** Use results from Form D CSFS Financial Assistance Cost Documentation Worksheet to complete table above. Include Form D, and other approved documentation with Exhibit B to request reimbursement.**

Reimbursement Request: I request reimbursement in the amount of $___1920_____ for the work completed and documented above or attached.

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

Grant Recipient Signature: _____ Date: 1/28/2016

10. Certification:

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

District Forester Signature: _____ Date: 2/1/16

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

Program Manager Signature: _____ Date:

Rev. November 2013

Colorado State

CSFS Financial Assistance Cost-Share Program Cost Documentation Worksheet

Project/Account #: 1929200

Award Amount (obligated from funding source): $24,000.00

A. Remaining Award Amount: $24,000.00

Reimbursement Request:

	Match			
B. Recipient Cost to be reimbursed (not to exceed the remaining award amount and excluding items not eligible for reimbursement)*a	C. Recipient Cost (reimbursable costs that exceed the award amount and items or costs not allowable for reimbursement)**a	D. Non-recipient Cost*b	E. Total Project Cost = B+C+D	F. Recipient Match Rate = (C+D)/E
$1,920.00	$2,319.06	$0.00	$4,239.06	55%

Date	By Whom	Activity/Expense	Hours	Value ($)	Cost Category
1/20/2016	RMRP	Contracted Work - Invoice #17158		$1,920.00	Actual Cost: reimbursable costs
1/18/2016	RMRP	Contracted Work - Invoice #30116		$1,967.06	Actual Cost: reimbursable costs
1/18/2016	RMRP	Contracted Work - Invoice #40116		$352.00	Actual Cost: reimbursable costs
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	
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				$0.00	
				$0.00	
				$0.00	
				$0.00	
				$0.00	

TOTALS: **G. Cumulative Recipient Cost=** $4,239.06
H. Recipient Cost (Match)= $2,319.06
I. Non-recipient Cost (Match)= $0.00

Grant Recipient Signature: Date: 1/28/16

District Forester Signature: Date: 2/1/16

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Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice
PO# 17158

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email:
rmrpenterprises@me.com

NRCS

Technical Service Provider

Invoice #: **50116**
Date: **1/20/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description	Taxable	Unit Price	Total
Completed 12/11/2015	Tree Cutting	2	Forest Stand Improvement on **2 Acres in Stand 1 Unit D** as per NRCS Prescription. This Invoice is for Forest Management Activities performed in fulfillment of the terms of the Colorado State Forest Service **Forest Restoration Grant** for reimbursement.		$ 960.00/Acre	$ 1920.00
					Subtotal	$ 1920.00
					Miscellaneous	
					TOTAL DUE	**$ 1920.00**

Please make check payable to **RMRP Enterprises.**
Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com
NRCS
Technical Service Provider

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp Cutting Stand 1 Unit D

Invoice #: **30116**
Date: **1/18/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description		Unit Price	Total
Completed 12/10/15	666	2	Forest Stand Improvement: BGCMD Gates Camp 2895 CR 100, Ward, CO. 2 acres completed in Stand 1 Unit D.		$983.53	**$1967.06**
					Subtotal	$1967.06
					Miscellaneous	
					TOTAL DUE	**$1967.06**

Please make check payable to: **RMRP Enterprises**.

Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

Rocky Mountain Resource Protection

RMRP Enterprises, LLC

Invoice

GIS Mapping
Forest Management
Emergency Preparedness
Phone: 720-312-2631
Email: rmrpenterprises@me.com
NRCS
Technical Service Provider

To:

Boys & Girls Clubs of Metro Denver
2017 w. 9th Ave
Denver, CO, 80204
Reference: BGCMD Gates Camp
Stand 1 Unit D

Invoice #: **40116**
Date: **1/18/16**
Customer ID: **BGCMD**

Date of Service	Item	Units	Description		Unit Price	Total
Completed 12/4/15	Design	2	Set up Stand 1 Unit D Boundary		$15.0956/Ac.	**$31.00**
Completed 12/4/15	Installation	2	Mark Removal Trees in Stand 1 Unit D		$89.6316/Ac.	**$180.00**
Completed 12/11/15	Checkout	2	Certify work completed for 2 acres of Stand 1 Unit D		$70.0721/Ac.	**$141.00**
					Subtotal	$352.00
					Miscellaneous	
					TOTAL DUE	**$352.00**

Please make check payable to: **RMRP Enterprises.**

Remit to: **RMRP Enterprises**
601 Johnson Avenue
Louisville, CO 80027

2014 HB12-1032 Colorado Forest Restoration Grant Program

FOR OFFICIAL USE ONLY	
Entity Submitting Project:	
County:	
Acres:	
Date:	
Dollar Amount Requested:	**$24,000**
Matching Share:	**$24,000**

1 Applicant Information

Name of Project:	Gates Camp CWPP Fuels Treatment
Applicant:	Boys and Girls Clubs of Metro Denver
Contact Person:	Barry Martin
Address:	P. O. BOX 70
City/Zip Code:	Ward, CO 80481
Phone (Work/Cell):	720-214-1803
Email:	bmar63@hotmail.com
Fax:	

2 Community-at-Risk Information

Community Name:	Jamestown
County:	Boulder
Name of CWPP	Boulder County CWPP
Location to obtain/review	bouldercounty.org

3 Grant Contributors (Matching Share)

(Applications will be disqualified if sufficient match is not identified.) Please specifythe name of each match contributor and the dollar amount of each contribution. Please DO NOT show grant -requested funds in this table. This is for matching share only, which is a minimum of 40 percent of total project cost.

Contributors: (Please specify)	NRCS						**TOTAL**
Dollars (Hard Match):	$24,000	$0	$0	$0	$0	$0	**$24,000**
In-Kind (Soft Match):	$0		$0	$0	$0	$0	**$ 0**
TOTAL:	**$24,000**	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$24,000**

4 Total Project Expense (break down matching share totals from block three)

	Grant Share $ Amount requested	**Match (carry from block three above)**		**TOTAL**
		Dollars	**In-Kind**	
Personnel / Labor:	$0	$0	$0	**$ 0**
Operating:	$0	$0	$0	**$ 0**
Travel:	$0	$0	$0	**$ 0**
Contractual Services:	$24,000	$24,000	$0	**$48,000**
Equipment:	$0	$0	$0	**$ 0**
Indirect Costs:	$0	$0	$0	**$ 0**
TOTAL:	**$24,000**	**$24,000**	**$ 0**	**$48,000**

	Project Summary (check all that apply and answer related questions)	
	Does this project address the protection of water supplies? ☒Yes ☐ No	
	Is this project based on an ecological assessment of current conditions? ☒Yes ☐ No	
	Is this project area identified within a CWPP? ☒Yes ☐ No	
	Is this project identified through a CWPP? ☒Yes ☐ No	
	Is this project located within a Firewise Community/USA? ☐Yes ☒ No Identify the community(ies).	
	Is this project's concept identified in Colorado's State Forest Action Plan (Statewide Forest Resource Assessment & Strategy? ☒Yes ☐ No	
	Project Objectives (check all that apply) Any box checked needs to be further explained in proposal, and documented and implemented to receive grant reimbursement. See request for proposal-application instructions.	
5	Reducing threat of large, high-intensity wildfires and the negative effects of excessive competition between trees by restoring ecosystem functions, structures, and species composition, including the reduction of non-native species.	☒Yes ☐ No
	Preserving old and large trees to the extent consistent with ecological values and science.	☒Yes ☐ No
	Replanting trees in deforested areas, if such areas exist in the project area.	☒Yes ☐ No
	Improving the use of, or adding value to, small diameter trees.	☒Yes ☐ No
	Number of acres to be treated: 25	Estimated cost/acre: $2,400.00
	Will the implementation of this project involve a contract with the Colorado Youth Corps Association or another accredited Colorado youth corps?	☒Yes ☐ No
	List the communities directly affected by this project:	Jamestown, Ward, Hidden Lake
	Project location (latitude/longitude or legal description):	NE1/4SE1/4 S29 T2N R72W

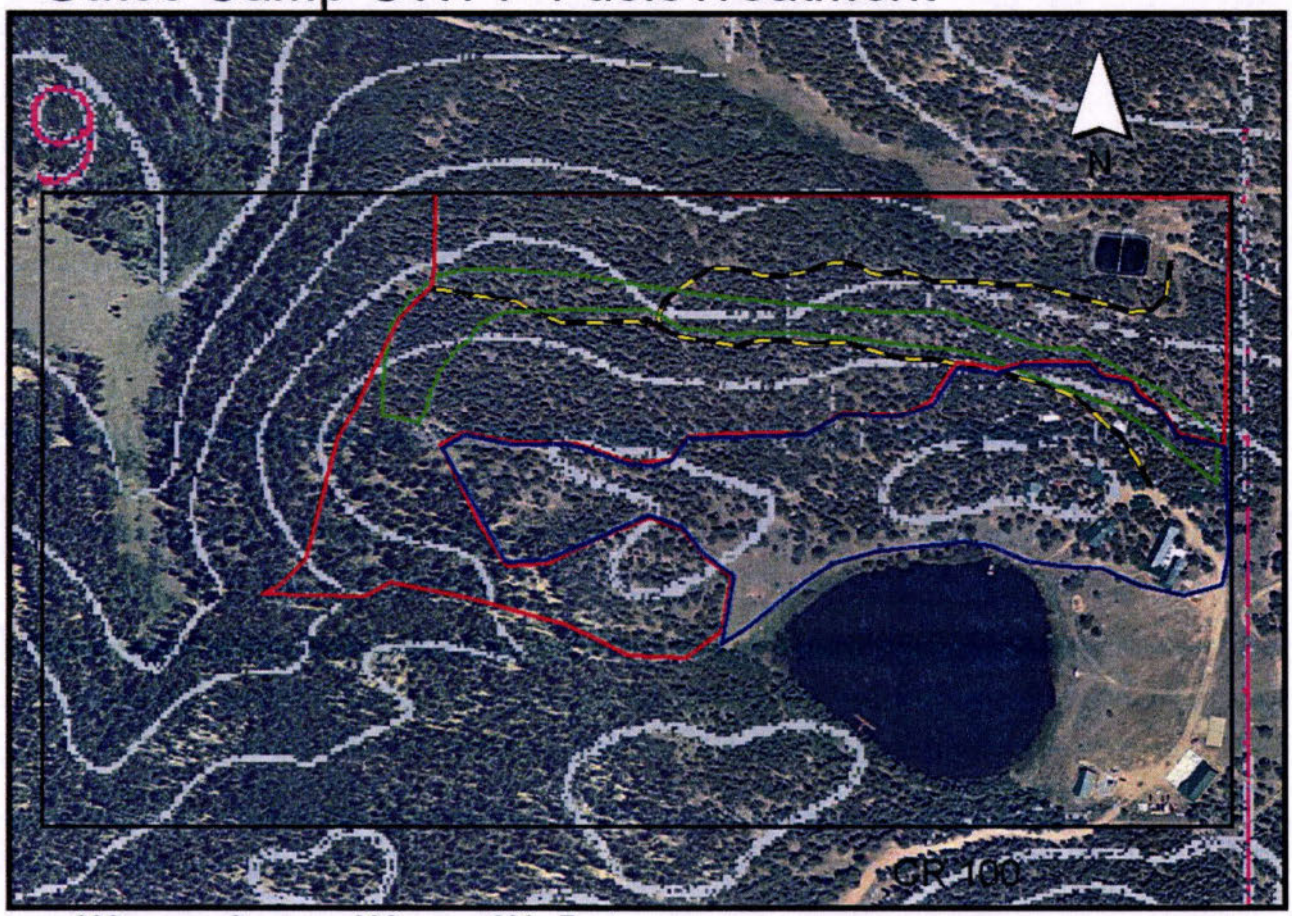
	Budget Narrative All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.
6	**Provide a brief description explaining exactly how the grant dollars will be spent and how these expenditures tie directly to the projects goals and objectives.** 500 characters The grant monies combined with Federal NRCS Environmental Quality Incentives Program(EQIP) monies will be used to pay for contracted forest management activities including but not limited to tree removal, processing, product production and clean up of designated project areas. Project areas are predertimined by the NRCS Forest Management Plan(FMP) completed in 2013. All forest management activities conducted within the project areas will be based on goals and objectives from the FMP.
	Project Area Description All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.
7	**Provide a brief overview of the project and project area. Specify size (i.e. acreage) of project and land ownerships involved (e.g. private, county, state, federal, etc.). Include information on the relevant watershed. Describe how this project supports Colorado's State Forest Action Plan. Submit a single one-page map of the project area (view application instructions).** 1,750 characters The 25 acre project area identified for treatment is taken directly from the Natural Resource Conservation Service (NRCS) Forest Management Plan developed for the Gates Camp Property, owned by the Boys and Girls Club of Metro Denver. The Gates Camp is a 80-acre mountain property located 5 miles west of Jamestown in Boulder County which serves as the summer camp facility for the Boys and Girls Club. It is located in South Platte Watershed, specifically the James Creek drainage. As per the FMP written in 2013, the project area has been selected from a part of the property identified as "high fire hazard" rating and "high potential erosion loss" due to fire. The objectives for treatement include creating a shaded fuel break to protect the camp's historic structures, reduce competition in overstocked forests, reduce fuel loading to levels that will impact fire severity in critical areas that would otherwise cause severe soil erosion following a wildfire event. The project directly supports the State Forest Action Plan by ranking above the 70th % tile in every category and the in the highest (78.5th % tile) overall on the final aggregate layer assessing Percent High Value Forest.
	Protection of Water Supplies All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.
8	**Describe how the proposed project will contribute to the protection of water supplies, such as water quality, water quantity, and/or associated infrastructure.** 700 characters Now that Boulder County is in the post-flood era, including the loss of most of Jamestown, protecting the soils in the James Creek drainage is more critical than ever before. One of the primary objectives of this treatment unit is protection of soils even in the event of a severe wildfire. By reducing potential for catastrphoic soil loss through appropiate forest management tactics, the soils in upper James Creek drainage will remain stable following a wildfire event. Much topsoil in James Creek drainage was lost following the Overland Fire event in 2003 resulting in contamination of James Creek, LeftHand Creek, plugging of bulkheads, structures, ditches and led to ongoing flooding threat.

	Scope of Work **All information for the project must fit into the allotted character space provided below.** **Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.**
9	**Provide a brief scope of work. Describe what will be accomplished and measurements to define project completion, including forest product utilization specifications. Describe the scientific foundation for the project, specifically the practice and utilization standards (e.g. forest management plan, CWPP, professional publications, other professional technical resources, professional foresters or other natural resources professionals) that will be applied.** 2,000 characters The scope of work is directly from the 2013 FMP, approved by the NRCS Regional office in Denver. The Gates Camp is located on CR100 within the Jamestown Project Area of the Boulder County CWPP. This location is identified as a "high priority" mitigation treatment area and egress protection. When the specifications per the FMP including basal area and stem reduction on a per acre basis are met, cutting within the unit will end. It is expected that a small amount of sawtimber will be produced and sold to Old Tyme Lumber in Boulder. The remainder of forest product will be comprised of pole stock for use in maintaing and restoring camp facitities and fuelwood. Slash treatment will include chipping with majority of chip material being removed from the unit and stored on the camp property for use in rehabilitation projects, trail construction and landscaping. The Forest Management Plan treatment specifications were developed based on forest mensuration data collected for the purposes of writing the FMP to meet NRCS Standards for Forest Management Practices. Please see scope of work specifications below: Unit1 SOW: 1. Establish a fire break as per map along the north side of the ridge in Unit 1 by means of Aspen stand enhancement, clear cutting conifers adjacent to Aspen stands and increasing crown spacing to effective levels within the fire break boundary. 2. Reduce stocking levels of Lodgepole pine units to 30% in areas outside of the firebreak boundary. 3. Reduce Ponderosa pine dominated basal areas to 100-60 square feet per acre, favoring mature large diameter leave trees, reducing crown encroachment from regeneration of all species. 4. Mitigate Mountain Pine Beetle propagation when appropriate in the process of applying FSI practices. 5. Establish grass-based meadow conversion where sustainable by means of patch cutting or capitalizing on openings already present. 6. Enhance Aspen stands that are in decline or contaminated by conifer encroachment.
10	**Project Timeline** **All information for the project must fit into the allotted character space provided below.** **Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.**

	Provide a timeline for the project, including significant accomplishment milestones during the project period. 500 characters Cutting in Unit 1 shall begin in August 2014, following camp dismissal and be completed by mid October. All materials generated from the cutting activities shall be processed and sorted by October, 31, 2014 or if some forest activity remains, carry into Spring of 2015 for final clean-up. Crews contracted from the Colorado Youth Corps will be utilized to help clean up wood processing landings, slash and distribute fuelwood in the early Fall of 2014.
	Collaboration All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.
11	**Specify the private, local, tribal, county, state, federal and/or non-governmental (501c3) organizations that participated in the design of this project, and describe how such partners will contribute to, or participate in, the project's implementation. Specify the role of any Youth Conservation Corps that will participate in project implementation.** 1,000 characters Partners involved in this project include the USDA Natural Resource Conservation Service, that oversees the use of EQIP funds through the utilization of a Technical Service Provider (TSP), in this case Rocky Mountain Resource Protection, LLC(RMRP) certified NRCS Foresters, that did the Forest Inventory and wrote the FMP for NRCS approval. Once the project is underway it will be supervised and overseen by the TSP (RMRP, LLC) to ensure that the NRCS quality standards for Forest Management Practices are maintained and that the project is set up correctly according to the scope of work as specified in the Forest Management Plan. In addition, the camp has been in close collaboration with CSFS Boulder District over the last 4 years, accomplishing other Fuels Reduction projects with the help of CSFS Grants and District Forester administration.
	Project Longevity/Maintenance All information for the project must fit into the allotted character space provided below. Attachments will not be considered by the review committee. Characters include letters, numbers, spaces and punctuation.
12	**Identify the long-term benefits of the project and clearly specify the plans to sustain the long-term benefits of the project beyond project completion.** 500 characters The Gates Camp has been a pro-active participant in Forest and Fire management activities cooperating with and receiving guidance from both the CSFS and the NRCS. The Camp just entered into a 5 year contract the with NRCS for land management through the EQIP program, ensuring continued and ongoing concern for the land and forest health. In addition the Boulder CSFS District works with the TSP and the Camp to ensure that proper Forest Management Practices are implemented now and for the future

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

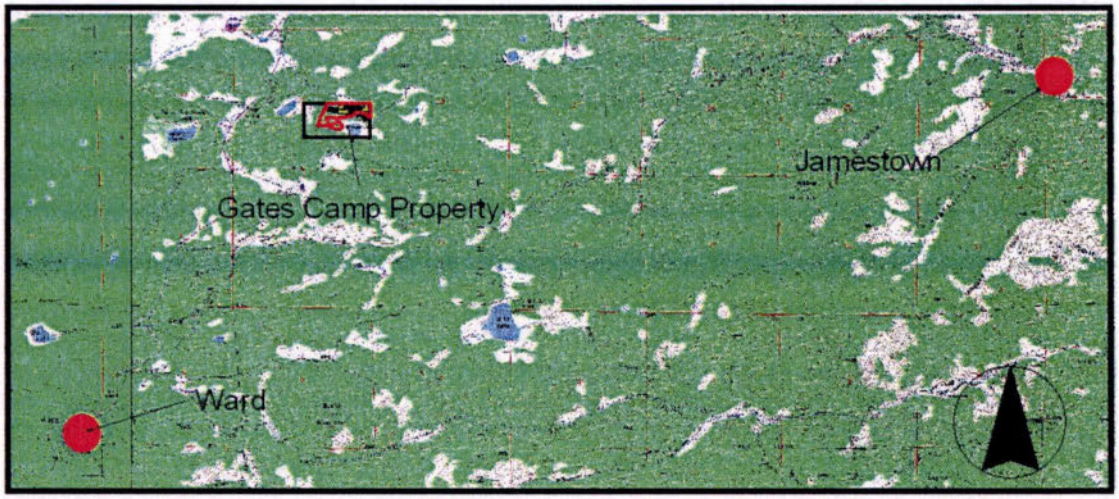
Gates Camp CWPP FuelsTreatment



300 0 300 600 Feet

1:3600

Unit 1 Treatment Area 25 Acres
Previously Treated Area
Fuel break boundary.shp
Unimproved access road.shp



Map: E. Folwell 3/2014
Rocky Mountain Resource Protection,LLC

Scope of Work and Plan of Operations

July 2014

Complete the following worksheet with grant applicant prior to formal award notification and project implementation. Use attached pages as needed.

Grant Project Name: Gates Camp

Grant Applicant Name: Boys and Girls Club of Metro Denver

The following information provided will allow for grant progress monitoring. Communication with CSFS district staff is necessary to ensure appropriate inspection, reimbursement & project closeout.

1. Scope of Work (Extracted from the project proposal and clarified as appropriate, i.e. install 100 acre fuelbreak, 100 feet wide and 4500 feet long, according to CSFS guidelines and fuel mitigation standards to protect the Ponderosa HOA community. Additionally, project implementation will utilize the *Colorado Forest Stewardship Guidelines to Protect Water Quality: Best Management Practices*). If another equally or more stringent BMP is being applied then be sure to specify the BMP resource.

The 25-acre treatment area proposed for this grant is comprised of treatment units (blocks) derived from the NRCS Forest Management Plan approved in 2013. The treatment blocks are Stand 1 Unit D 5 acres, Stand 1 Unit E 8 acres, Stand 2 Unit A 6.5 acres and Stand 2 Unit B 5.5 acres. Forest Stand Improvement methods will be implemented with the goals of forest stewardship and fuels reduction. In addition there will be installation of a 3.8 acre Fuel Break as per map across multiple units according to NRCS fuel break requirements and CSFS guidelines. Best Management Practices will be utilized from both NRCS and CSFS guidelines.

2. Description of Work (Include detailed prescription, such as species retention and removal, quantity of which species to be planted, crown or clump spacing, etc.; location of planned implementation of BMPs (maps); specific treatment blocks (maps); percent slope for each block; treatment method; plan for removal and/or utilization of wood and slash; contractor(s) and capabilities; crew size and/or equipment to be used; logging system(s) to be implemented; placement of landings and skid trail(s).)

Goals:

1. **Create a firebreak that will effectively influence fire behavior to reduce fire impacts to camp structures.**
2. **Restore Ponderosa dominated areas to pre-settlement densities.**
3. **Enhance Aspen stands currently present and establish new ones where known sprouting is occurring.**
4. **Manage Lodgepole pine areas for release or regeneration based on observed conditions.**
5. **Establish meadow conversion in areas that can sustain creation of grass-based openings.**

This project will be put out to bid by the Boys and Girls Club of Metro Denver, so it is difficult to say exactly how it will be executed. It is reasonable to assume that mechanical falling, whether by hand or feller-buncher will be used to do tree cutting. They will not be masticated. Forest materials generated from FSI activities will be comprised mostly of P.O.L., which will be utilized for sale as fuelwood and pole stock to local mills if merchantable. Slash will be chipped on site to a depth of no more than 6" in certain areas, however one goal of this project is to reduce total volume of chips put back in the forest. At this time the plan is to recover as much chip material as economically feasible and cache them on the camp property for use in mulching, landscaping and trail restoration projects. Access is good to most of the project area and appropriate skid trails and landings in low-impact areas will be installed by the NRCS Technical Service Provider prior to the project being bid out. Decking areas for product will be as per map.

Stand 1-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 39

Ponderosa pine- 37

Elevation: 9000 feet

Slope: 14% Avg.

Overall Vigor: 3.5 Avg. – FAIR to GOOD (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 13% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 45 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 50% Stocked

Ponderosa- 70% Stocked

Density: Average-

Basal Area- 164 sq. ft./acre

Trees/Acre- 412 TPA

Diameter- 12.6 " DBH

Risk Rating:

Medium-High- Due to surface fuel loading of duff in Lodgepole and Crown density is too high on Northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Variable Radius Plot Summary

GATES	STAND 1	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 1	23	8.93	38.09	3.50	579.24	229.99
Plot 2	13	10.70	31.23	3.46	259.32	130.00
Plot 3	13	10.93	37.00	3.85	659.61	130.00
Plot 9	17	12.00	33.88	3.65	330.80	170.00
Plot 14	16	11.73	37.56	4.00	231.94	160.00
Total n=	82				412.18	164.00
	Mode	7.80	32.00			
	Median	10.50	35.00			
	Mean	12.64	44.67			
	Std Dev	21.07	90.17			
	Std Err M	2.33	9.96			

STAND 1				
Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	1	91.67	2.00
3-4.9 in	4	1	22.92	2.00
5-6.9 in	6	4	40.74	8.00
7-8.9 in	8	18	103.13	36.00
9-10.9 in	10	19	69.67	38.00
11-12.9 in	12	19	48.38	38.00
13-14.9 in	14	13	24.32	26.00
15-16.9 in	16	6	8.59	12.00
17-18.9 in	18	1	1.13	2.00
	TOTAL	82	410.57	164.00
	AVG		45.62	18.22
	SD		35.98	16.17
	Std Err M		3.97	1.79

Stand 1

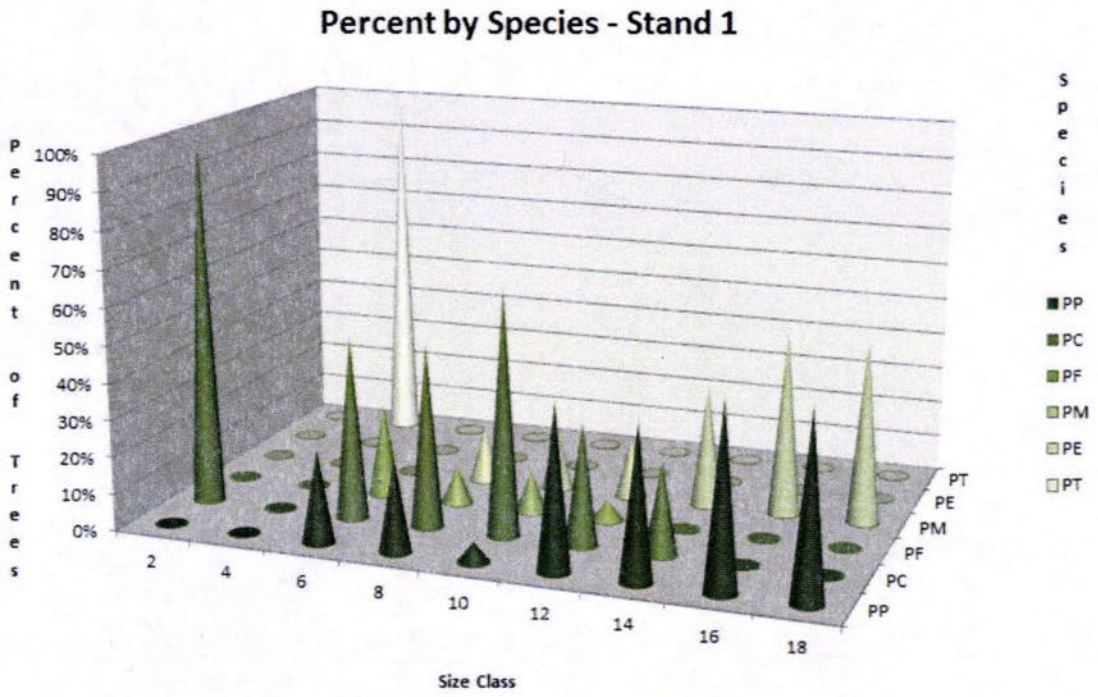
BA per acre: 164

Species Counts:

PP	24
PC	34
PF	6
PM	17
PE	0
PT	1
TOTAL	82

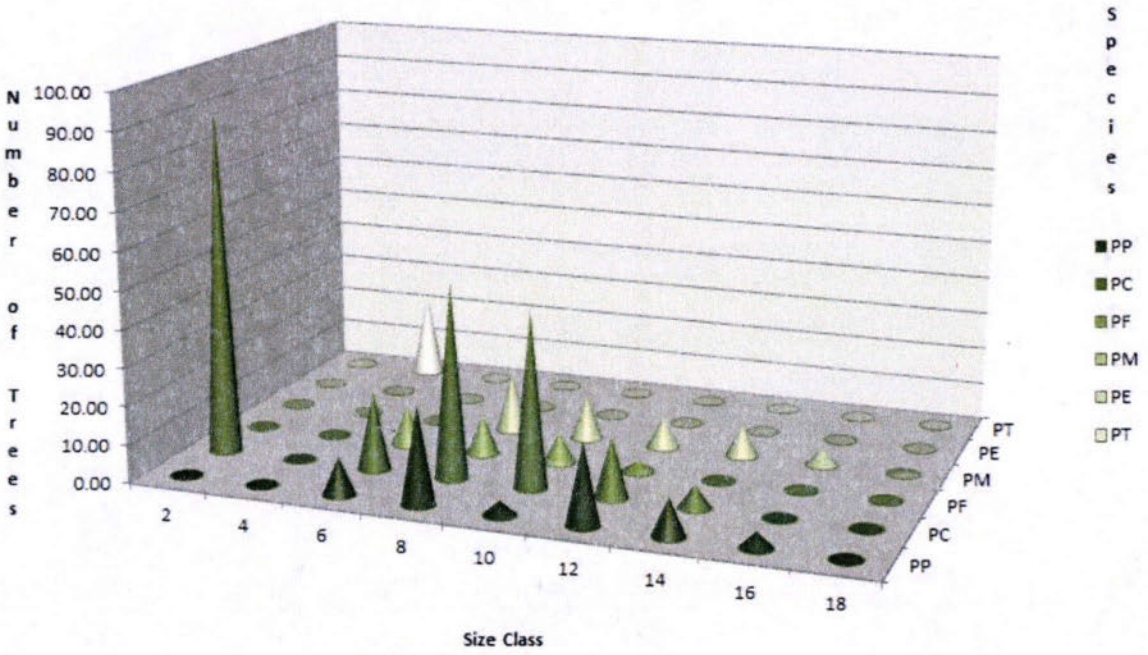
Stand 1:

Species Composition:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0%	100%	0%	0%	0%	0%	100%
4	0%	0%	0%	0%	0%	100%	100%
6	25%	50%	25%	0%	0%	0%	100%
8	25%	50%	10%	15%	0%	0%	100%
10	6%	67%	11%	17%	0%	0%	100%
12	44%	33%	6%	17%	0%	0%	100%
14	42%	25%	0%	33%	0%	0%	100%
16	50%	0%	0%	50%	0%	0%	100%
18	50%	0%	0%	50%	0%	0%	100%

Trees/Acre - Stand 1



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	91.67	0.00	0.00	0.00	0.00	91.67
4	0.00	0.00	0.00	0.00	0.00	22.92	22.92
6	10.19	20.37	10.19	0.00	0.00	0.00	40.74
8	25.78	51.57	10.31	15.47	0.00	0.00	103.13
10	3.87	46.45	7.74	11.61	0.00	0.00	69.67
12	21.50	16.13	2.69	8.06	0.00	0.00	48.38
14	10.13	6.08	0.00	8.11	0.00	0.00	24.32
16	4.30	0.00	0.00	4.30	0.00	0.00	8.59
18	0.57	0.00	0.00	0.57	0.00	0.00	1.13
TOTAL	76.34	232.27	30.93	48.12	0.00	22.92	410.57
AVG	8.48	25.81	3.44	5.35	0.00	2.55	45.62
SD	9.49	31.50	4.62	5.77	0.00	7.64	35.98
Std Err M	1.05	3.48	0.51	0.64	0.00	0.84	3.97

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 1

Current Size and Shape of Openings:

3 Acres- Rectangle meadow with developed grass stands

2 Acres- Triangle meadow with developed grass stands

1.5 Acres- Round open forest gap following MPB removal

1.5 Acres- Round open forest gap following MPB removal

Stand 1 Desired Stand Condition **(Page 13-14: Planner's Guide)**

Desired Forest Type and Age:

Continue to manage Stand 1 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Douglas fir, limber pine

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified units.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 8"-10" class; remove all regeneration at present time.

Douglas fir: All size classes present

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce

Desired Species to Plant:

No plantings are planned at this time

Desired Number, Size and Shape of Openings:

No creation of additional openings is planned at this time. Some will naturally occur due to MPB mortality.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area near 100 sq. ft. per acre or less.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 30% and encourage release.

Uneven aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. This would include larger Douglas fir and Engelmann spruce, which are sparsely distributed throughout the property.

Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 1 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 1 Unit D- 5 acres-Dry South Aspect

Uneven-aged mixed conifer- Shelterwood; Ponderosa pine, limber pine and Engelmann spruce.

Pruning (low-limbing), Thin from below.

Reduce Basal Area in unit from 165 to 60-100 square feet per acre. Favoring dominant Ponderosa pine. Eliminate crown encroachment from ladder fuels. Allow limited regeneration in openings. Maintain or create snag trees up to 3 per acre.

Stand 1 Unit E- 8 Acres-Wetter North Aspect

Uneven-aged mixed conifer- Shelterwood; Lodgepole pine, Douglas fir, limber pine, aspen. Thin from below. Eliminate regeneration from openings already present and encourage meadow conversion.

Thin Lodgepole areas 140 square feet per acre, reducing stocking levels to 30%.

Create openings by means of small patch cuts.

Harvesting:

Ground based Uneven-aged Treatment: Individual Tree Mark (ITM) utilizing both group selection and singletree selection. Mark most trees in the 2" DBH to 6" DBH size class, favoring mature trees in good condition; eliminate crown encroachment from regeneration trees under canopies of larger trees. Mark and denote MPB infested trees for complete disposal. Retain 50% of regeneration present favoring Douglas fir and Ponderosa pine.

Tangible Wood Products:

Firewood- approx. 5-10 cords per acre

Post and Pole stock- approx. 50 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

Permits:

None needed at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

Stand 2-see map

Site Indexes: Based on CCF method and Site Indexes per CSFS *Foresters Field Handbook XCM-185*

lodgepole pine- 57

Ponderosa pine- 40

Elevation: 9000 feet

Slope: 13% Avg.

Overall Vigor: 3.0 Avg. – FAIR (1-4 Scale Dead/Poor/Fair/Good)

Mortality Rate (Attrition)- 23% Dead Standing Trees

Summary of Size Classes- See Data Tables Below

Average Height- 33 feet

Stocking Level: As per CSFS *Foresters Field Handbook XCM-185- Stocking Charts*

Lodgepole- 30% Stocked

Ponderosa- 20% Stocked

Density: Average-

Basal Area- 250 sq. ft./acre

Trees/Acre- 1445 TPA

Diameter- 8.6 " DBH

Risk Rating:

High- Due to steep northern slopes, high percentage of regeneration ladder fuels, surface fuel loading of duff in Lodgepole and Crown density is too high on northern aspects.

Current Forest Type and Current Age:

Mixed Conifer approximately 90 ypb (Lodgepole)-140 ybp (OG Ponderosa)

Current Structure:

Uneven-aged mixed stand. Exceptions: Monoculture lodgepole areas with in Stand 2

Current Size and Shape of Openings:

No current openings of significant size.

Stand 2 Desired Stand Condition (Page 13-14: Planner's Guide)

Desired Forest Type and Age:

Continue to manage Stand 2 for uneven-aged mixed conifer status.

Dominant: Ponderosa pine- 110-150 ybp

Co-dominant: Lodgepole pine 80-90 ybp

Intermediate: Aspen, Engelmann spruce and Douglas fir

Desired Age/Size Class Distribution

Irregular Uneven-aged diversified stands.

Ponderosa pine: 12"-18" class with regeneration.

Lodgepole pine: 10"-12" class; remove all regeneration at present time.

Douglas fir: All size classes present

Engelmann spruce: 8"-15" class; remove majority of regeneration.

Desired Species to Naturally Regenerate:

Ponderosa pine, Douglas fir, Engelmann spruce, Lodgepole pine

Desired Species to Plant:

No plantings are planned at this time.

Desired Number, Size and Shape of Openings:

Openings of ½ -1 acre will be created in the area of the fuel break.

Desired structure:

Favored structure for treatment will be on a unit-by-unit basis.

Reduce overall basal area from 250 to 150 square feet per acre on average.

Dominant Ponderosa pine units will ideally be restored to open spacing with mature trees being favored to a basal area 60-100 sq. ft. per acre.

Co-Dominant Lodgepole pine units will be thinned to reduce stocking levels to 20% and encourage release and create appropriate crown spacing on the steeper north aspects. Reduce trees per acre from 270 to 150.

Uneven-aged mixed conifer- Mature dominant trees will be favored provided they are in good condition. Some areas will be managed for mature limber limber pine with Engelmann spruce cohorts.
Aspen stands currently present will be enhanced through sanitation or removal of conifer encroachment.

Stand 2 Forest Management Activities (Page 14-15: Planner's Guide)

Forest Health Management Activities:

Stand 2 Unit A- 6.5 acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting in fuel break, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Stand 2 Unit B- 5.5 Acres-Steep North Aspect

Even-aged Lodgepole pine- Patch cutting, thin from above to reduce overall basal area of unit. Create openings for Aspen stand establishment.

Harvesting:

Ground based Even-aged Treatment: Individual Tree Mark (ITM) utilizing group selection. Mark most trees in the 2" DBH to 8" DBH size class. Mark and denote MPB infested trees for complete disposal via chipping or if too large to chip, physically remove the processed bole(s) from the property. Favor Douglas fir and Aspen regeneration in openings.

Tangible Wood Products:

Firewood- approx. 20 cords per acre

Post and Pole stock- approx. 100 - 8" Poles per acre

Slash Management:

All cut trees up to 8" at taper shall be whole tree chipped and chips broadcast into the forest. Chips shall not exceed 6" in depth in any one place. All product greater than 8" at taper shall be processed in to firewood or poles according to defect. This remaining forest product shall be skidded out with a tractor or picked up in a trailer as firewood.

Post Harvest Activities:

The unit will be monitored following harvest and any damage caused to access roads, interior soils or other corrections such as adjusting chip depth should it be out of specification will be rehabilitated in a timely manner. These activities will occur as part of the contract period for the unit. It is not expected that there will be significant impacts as a result of forest management operations as planned at this time.

NRCS Forestry Practice Standards:

1. **Forest Stand Improvement- Practice Code 666**
2. **Fuel Break-Practice Code 383**
3. **Restoration and Management of Declining Habitats- Practice Code 643**
4. **Integrated Pest Management- Practice Code 595**

Permits:

None needed at this time.

Best Management Practices:

Light on the Land techniques will be practiced, including minimizing soil and rock disturbance and soil compaction, minimizing damage by equipment to remaining live trees, mitigating damage to staging, product storage and work areas; petroleum product spillage will be mitigated and will meet WASH guidelines; operation areas will be kept clean as possible. All machinery and equipment shall be operated in a low impact manner and during appropriate conditions.

Monitoring:

All activities shall be monitored and evaluated for updates on a yearly basis

3. Schedule of Work (Include projected start and end month for each block; the order of work among the various blocks; projected times to complete each block; specific measurable objectives for each block, such as residual density)

The goal is to begin the project in August of 2015 to be completed by the end of October 2015, before access to the units is snow bound. It can be approximated that each treatment block will take about 2 weeks based on size. Each block will be treated according to prescription as above.

4. Quality Control (how grant reporting, documentation, and finances will be managed; description of how project will be managed to achieve grant scope of work)

This project will be adjunct funded by the NRCS through the Environmental Quality Incentives Program (EQIP). As a result, installation of the project will be monitored and documented by the Technical Service Provider (TSP) that wrote the NRCS FMP, Rocky Mountain Resource Protection (RMRP LLC). Any information gathered for the NRCS can passed on to the grantee for reporting to the CSFS. Quality assurance will be implemented by the Gates camp manger and TSP during installation. The Boys and Girls Club of Metro Denver will manage the finances.

Variable Radius Plot Summary

GATES	STAND 2	Avg	Avg	Avg	Total	Total
Plot	Number	DBH (in)	Height	Vigor	Trees/Ac	BA/ac
Plot 10	33	8.95	34.33	3	1329.25	329.99
Plot 11	31	7.38	32.39	2.9	2196.16	309.99
Plot 12	11	9.99	33.27	3	810.82	110.00
Total n=	75				1445.41	249.99
		Mode	8.80	32.00		
		Median	8.70	33.00		
		Mean	11.84	46.23		
		Std Dev	32.11	122.75		
		Std Err M	3.71	14.17		

Separation	Size Class	Number	Trees/Acre	BA/Ac
0.0-2.9 in	2	3	458.37	10.00
3-4.9 in	4	13	496.56	43.33
5-6.9 in	6	11	[illegible]	[illegible]
7-8.9 in	8	17	8.6	33.46
9-10.9 in	10	14	85.56	46.67
11-12.9 in	12	6	25.46	20.00
13-14.9 in	14	7	21.83	23.33
15-16.9 in	16	2	4.77	6.67
17-18.9 in	18	2	3.77	6.67
	TOTAL	75	1445.41	249.99
	AVG		160.60	27.78
	SD		191.78	18.71
	Std Err M		22.15	2.16

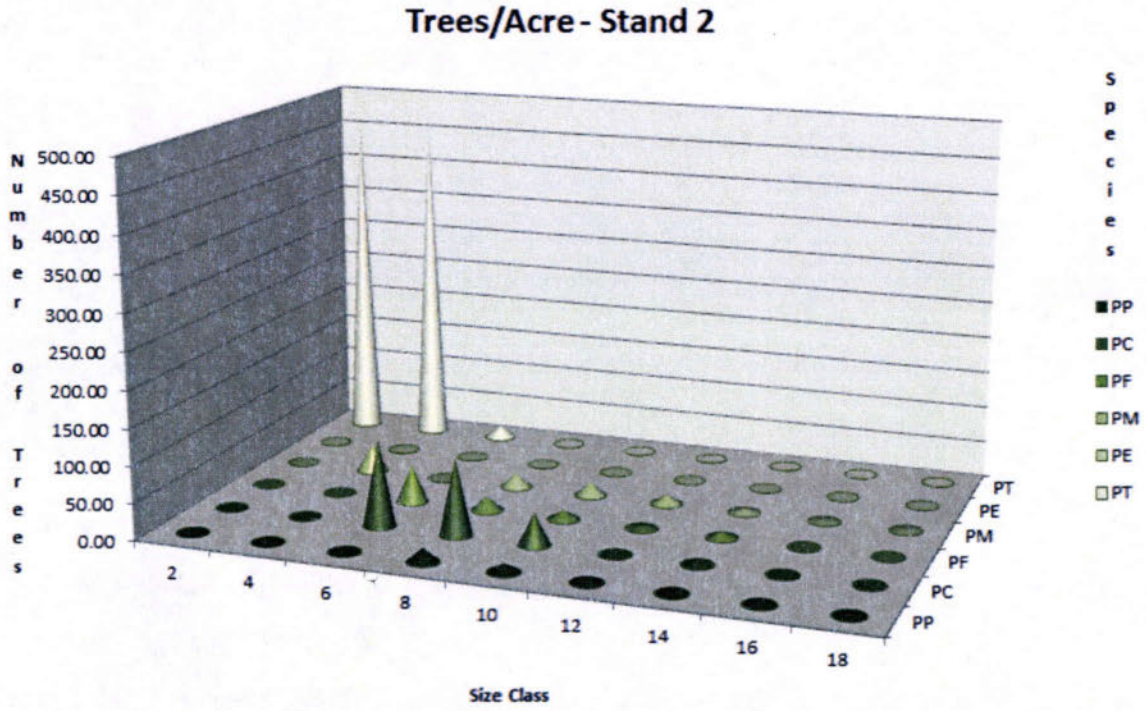
Stand 2

BA per acre: 250

Species Counts:

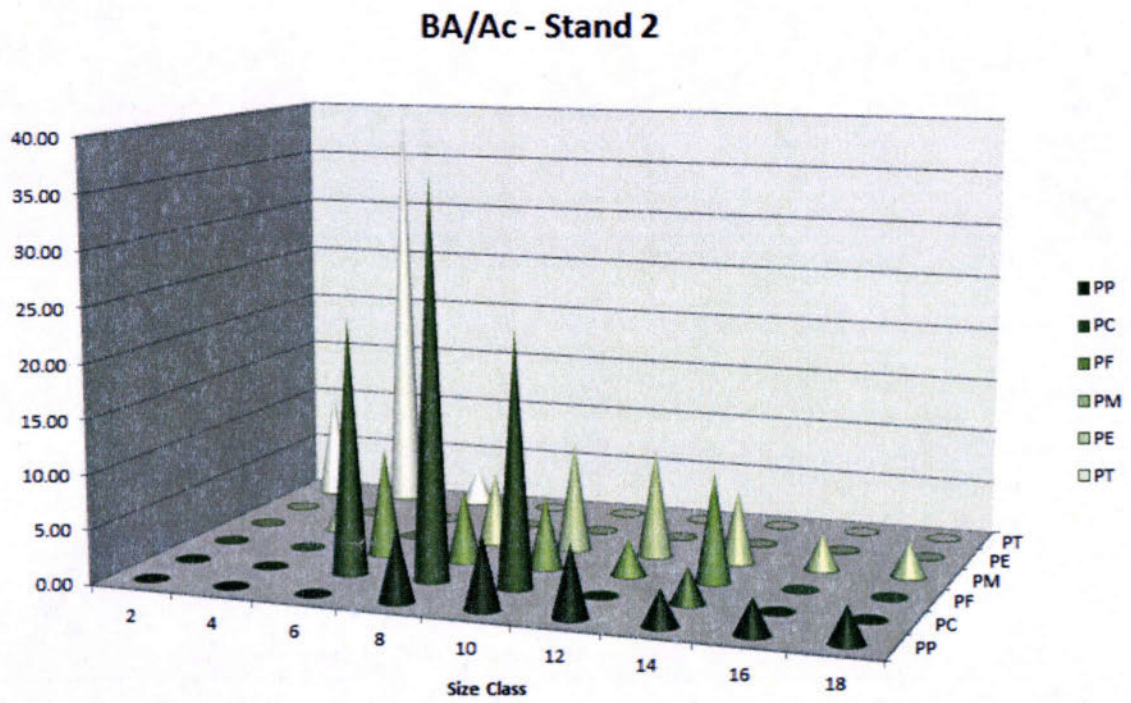
PP	9
PC	26
PF	11
PM	13
PE	0
PT	16
TOTAL	75

Age/Size Distribution:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	458.37	458.37
4	0.00	0.00	0.00	38.20	0.00	458.37	496.56
6	0.00	118.84	50.93	0.00	0.00	16.98	186.74
8	19.10	105.04	19.10	19.10	0.00	0.00	162.34
10	12.22	42.78	12.22	18.33	0.00	0.00	85.56
12	8.49	0.00	4.24	12.73	0.00	0.00	25.46
14	3.12	3.12	9.35	6.24	0.00	0.00	21.83
16	2.39	0.00	0.00	2.39	0.00	0.00	4.77
18	1.89	0.00	0.00	1.89	0.00	0.00	3.77
TOTAL	47.20	269.78	95.85	98.87	0.00	933.71	1445.41
AVG	5.24	29.98	10.65	10.99	0.00	103.75	160.60
SD	6.69	48.62	16.56	12.67	0.00	201.13	191.78
Std Err M	0.77	5.61	1.91	1.46	0.00	23.22	22.15

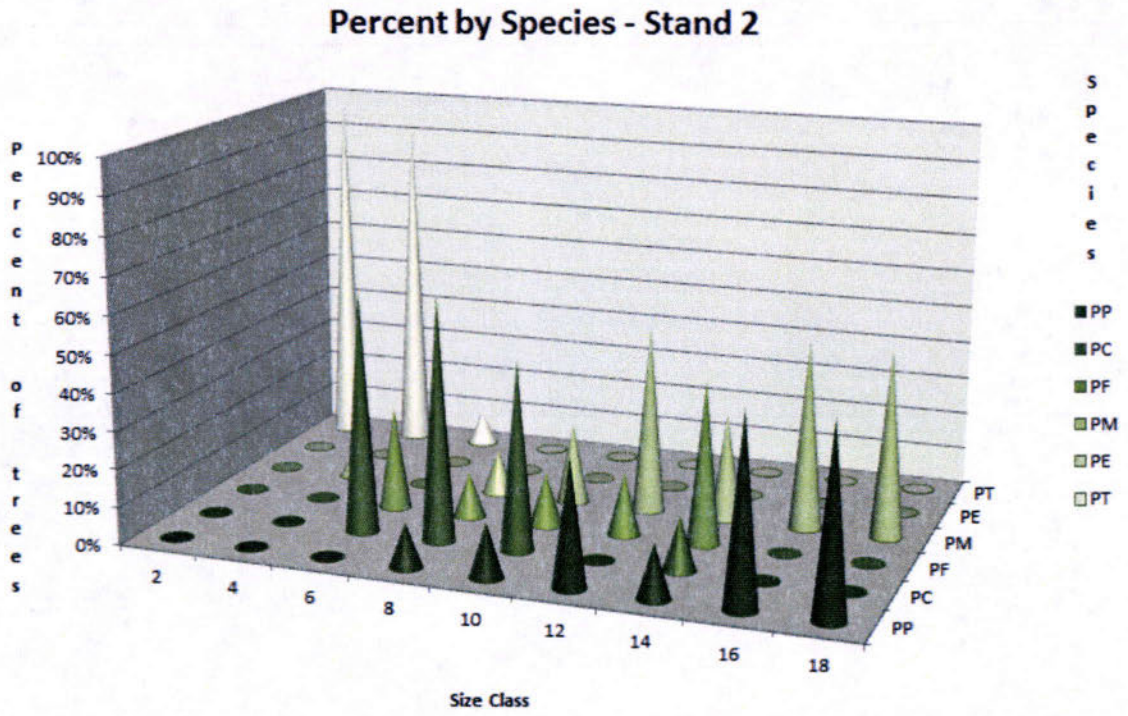
Current Structure:



Size Class	PP	PC	PF	PM	PE	PT	TOTAL
2	0.00	0.00	0.00	0.00	0.00	10.00	10.00
4	0.00	0.00	0.00	3.33	0.00	40.00	43.33
6	0.00	23.33	10.00	0.00	0.00	3.33	36.67
8	6.67	36.67	6.67	6.67	0.00	0.00	56.67
10	6.67	23.33	6.67	10.00	0.00	0.00	46.67
12	6.67	0.00	3.33	10.00	0.00	0.00	20.00
14	3.33	3.33	10.00	6.67	0.00	0.00	23.33
16	3.33	0.00	0.00	3.33	0.00	0.00	6.67
18	3.33	0.00	0.00	3.33	0.00	0.00	6.67
TOTAL	30.00	86.66	36.67	43.33	0.00	53.33	249.99
AVG	3.33	9.63	4.07	4.81	0.00	5.93	27.78
SD	2.89	14.19	4.34	3.77	0.00	13.21	18.71
Std Err M	0.33	1.64	0.50	0.44	0.00	1.52	2.16

Stand 2:

Species Composition:



Size Class	PP	PC	PF	PM	PE	PT
2	0%	0%	0%	0%	0%	100%
4	0%	0%	0%	8%	0%	92%
6	0%	64%	27%	0%	0%	9%
8	12%	65%	12%	12%	0%	0%
10	14%	50%	14%	21%	0%	0%
12	33%	0%	17%	50%	0%	0%
14	14%	14%	43%	29%	0%	0%
16	50%	0%	0%	50%	0%	0%
18	50%	0%	0%	50%	0%	0%

Spoke w/ Perry Martin, 71

Forest Restoration Grant Review Template
Gates Camp

Project Name	Rank
Gates Camp CWPP Fuels Treatment	5

Map included

Yes

Cost-share rate—minimum 60:40

Yes-50:50, overmatch

CWPP

Yes, Boulder County CWPP

Addresses water supply protection

Yes

Includes an ecological assessment of current conditions

Yes, (FMP/EQIP Plan)

Youth Corps involvement

Yes

Firewise Community/USA

No

Connection to Forest Action Plan

Yes

Forest product utilization

Yes

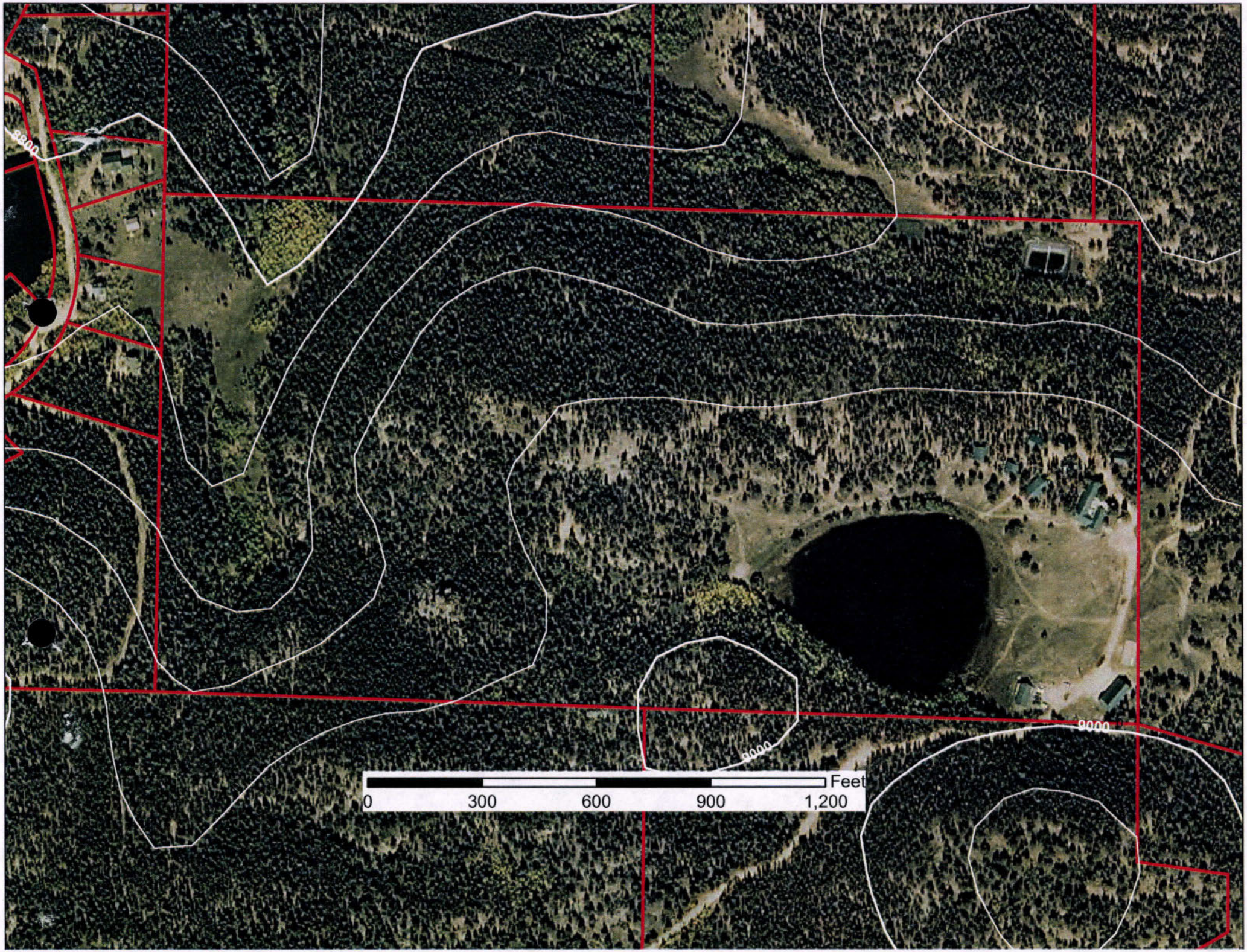
Validity of performance standards

Valid

Additional Comments

Fed $ match, overmatch @ 50:50; small project in scope; valid project from fuels reduction standpoint

.25 Ac /2400/Ac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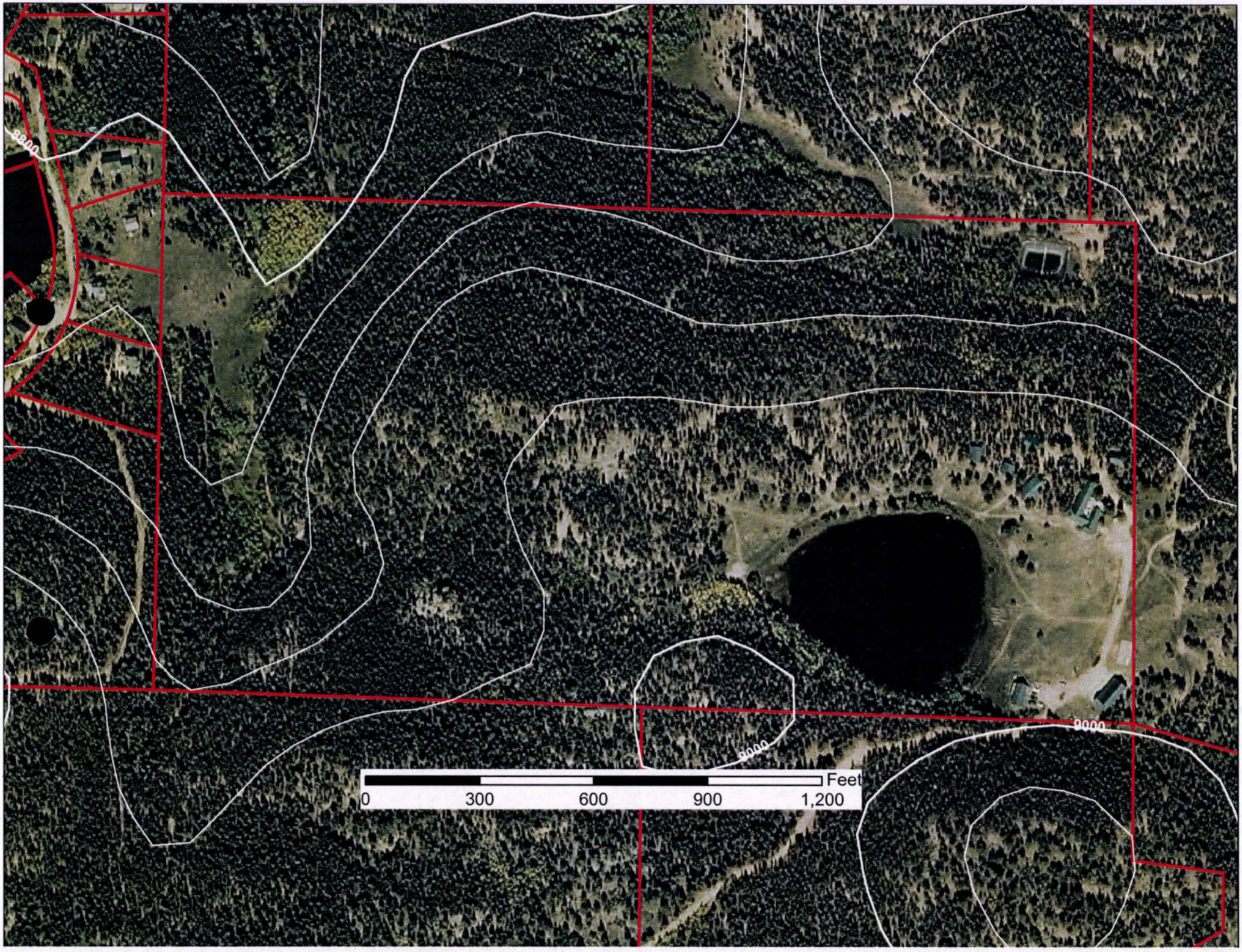
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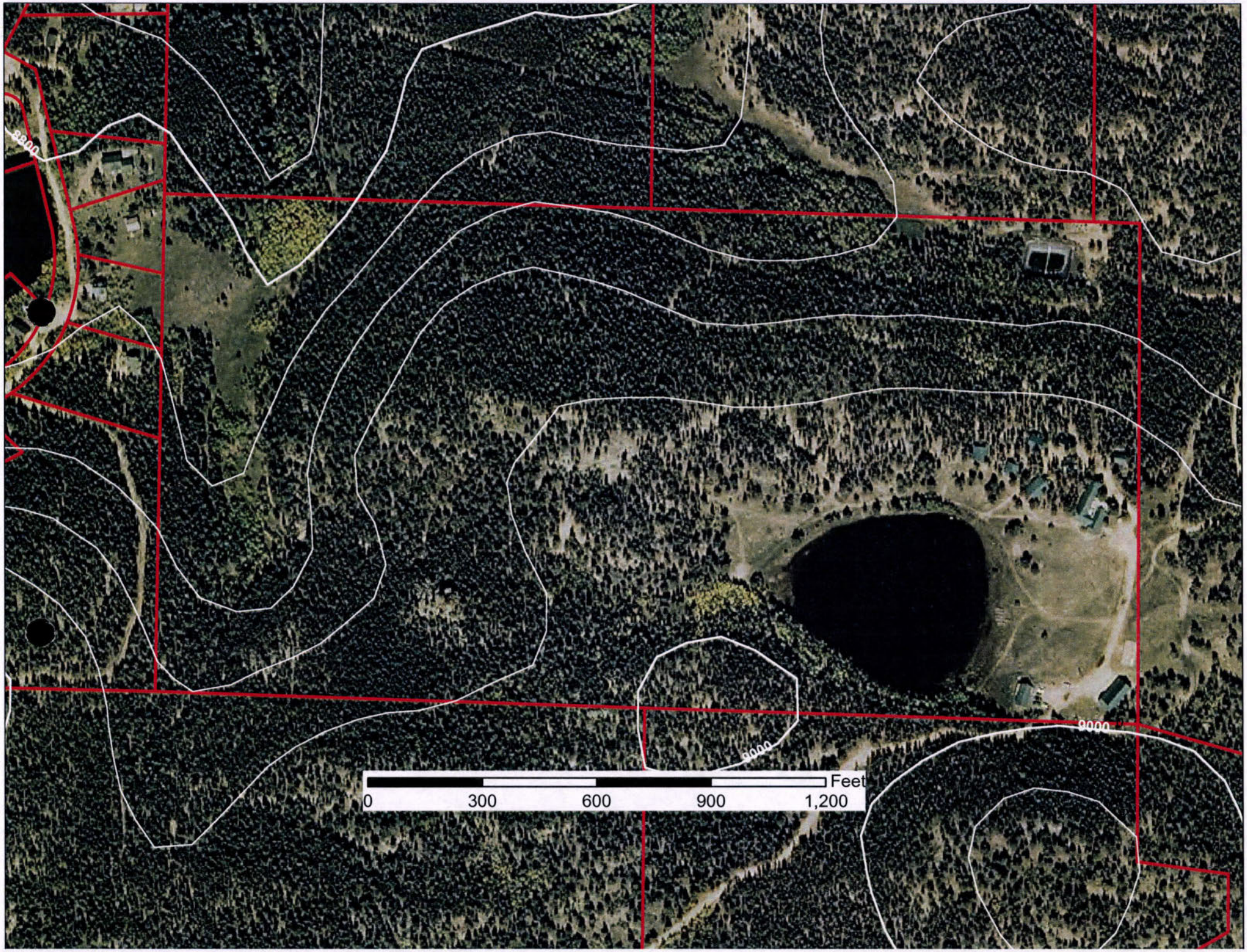
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