



United States  
Department of  
Agriculture

Forest  
Service

Boulder  
Ranger District

2140 Yarmouth Avenue  
Boulder, CO 80301-1615  
Voice: (303) 541-2500  
Web: [www.fs.fed.us/r2/arnf](http://www.fs.fed.us/r2/arnf)  
Fax: (303) 541-2515

**File Code:** 1500

**Date:** March 3, 2010

Allen Owen, District Forester  
Colorado State Forest Service  
5625 Ute Highway  
Longmont, CO 80503-9130

Dear Allen,

This letter is in support of Boulder County receiving grant funding for fuels reduction treatments on Boulder County Open Space lands adjacent to the Giggy Lake area. Their planned treatment would enhance the long term, cross- boundary fuel management efforts in the area.

The Boulder Ranger District is planning to complete the prescribed burning of the West Magnolia Unit 11 (located within 1 mile of Giggy Lake) in the winter of 2010/2011 - weather permitting. The majority of this unit is under a service contract where the piles will be chipped; however, approximately 1 acre on the north end of the unit is too steep for the equipment to work so the piles will be burned.

In the spring of 2011, we are planning to have a decision on the Forsythe Fuel Reduction Project where fuel reduction units are identified on National System lands near Giggy Lake.

Thanks for considering their application.

Sincerely,

CHRISTINE M. WALSH  
District Ranger





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The Boulder Ranger District is planning to complete the prescribed burning of the West Magnolia Unit 11 (located within 1 mile of Giggy Lake) in the winter of 2010/2011 - weather permitting. The majority of this unit is under a service contract where the piles will be chipped; however, approximately 1 acre on the north end of the unit is too steep for the equipment to work so the piles will be burned.

In the spring of 2011, we are planning to have a decision on the Forsythe Fuel Reduction Project where fuel reduction units are identified on National System lands near Giggy Lake.

Thanks for considering their application.

Sincerely,

/s/ Christine M. Walsh

CHRISTINE M. WALSH  
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Allen Owen, District Forester  
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This letter is in support of Boulder County receiving a grant funding for fuels reduction treatments on Boulder County Open Space lands adjacent to the Giggy Lake area. Their planned treatment would enhance the long term, cross- boundary fuel management efforts in the area.

The Boulder Ranger District is planning to complete the prescribed burning of the Winiger Ridge Fuel Reduction Project within 1 mile of Giggy Lake in the imminent future (weather permitting). Also in the spring of 2011, we are planning to have a decision on the Forsythe Fuel Reduction Project where fuel reduction units are identified on National System lands surrounding Giggy Lake.

Thanks for considering their application.

Sincerely,

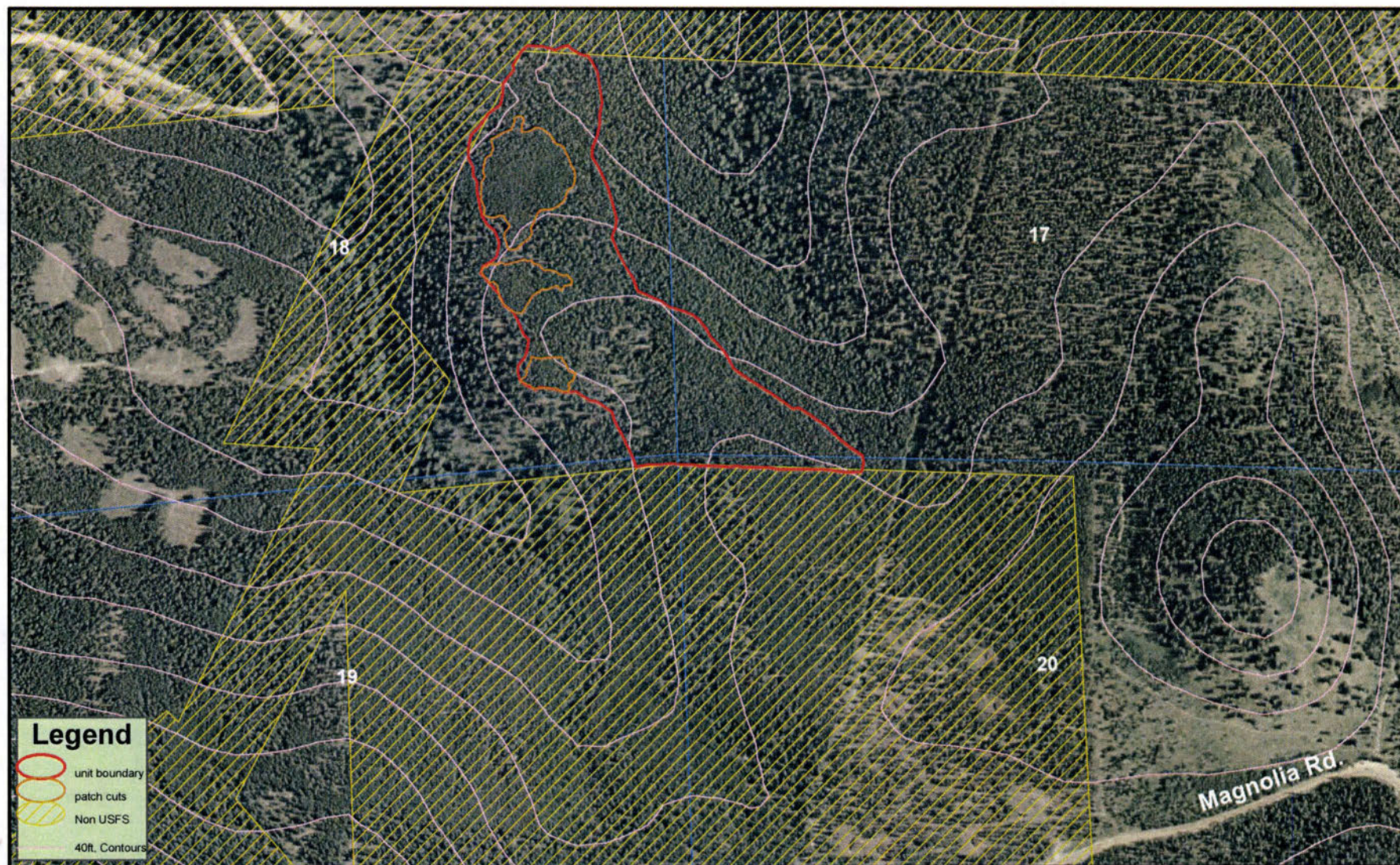
*/s/ Christine M. Walsh*  
CHRISTINE M. WALSH  
District Ranger

cc: sgolden





## West Magnolia Unit 11 - 17 acres



T. 1S., R. 72W.,  
Sections 17 & 18

0 0.1 0.2 0.4 Miles



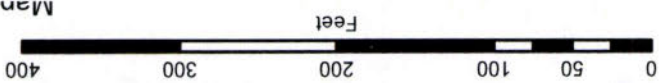
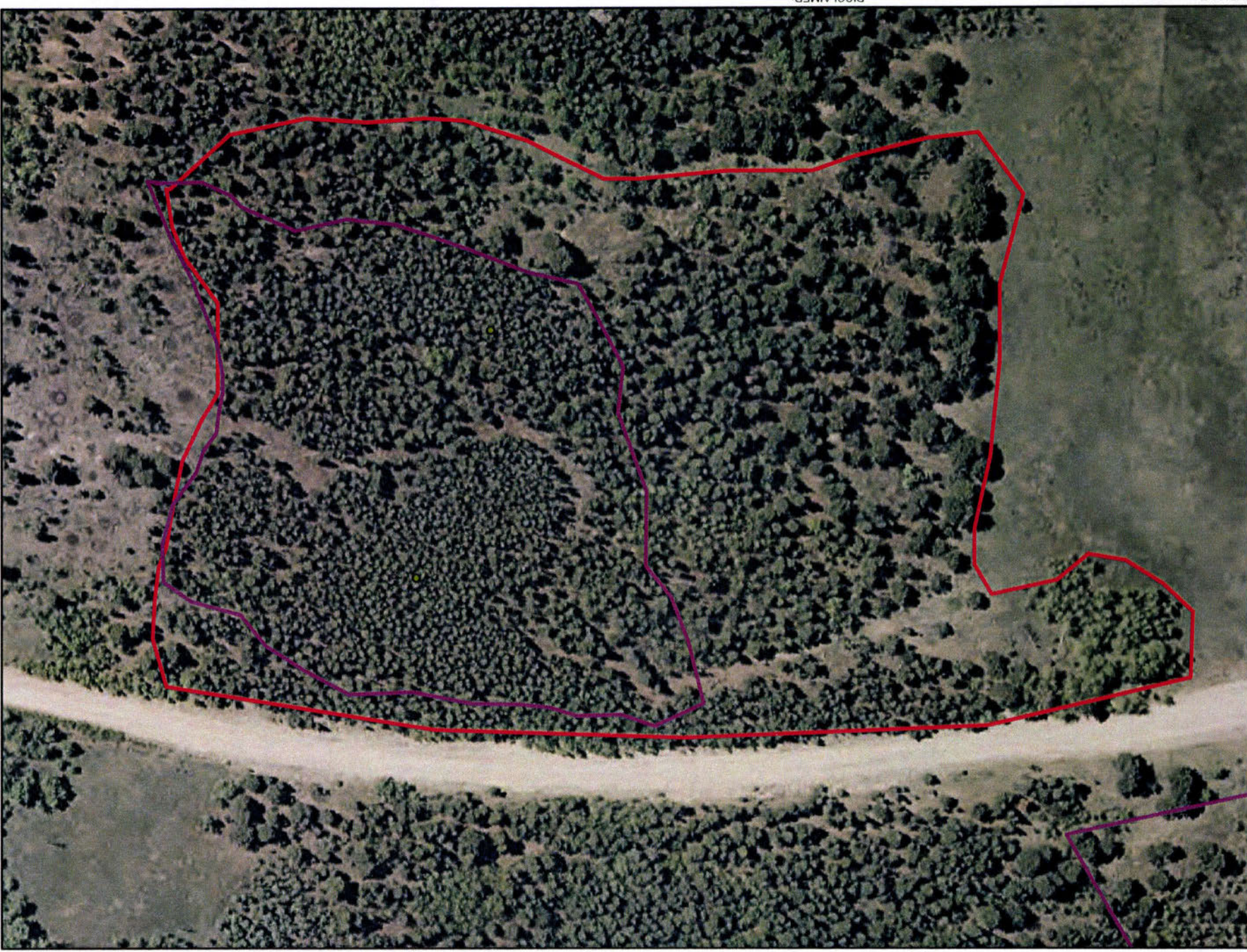


$\approx 1000 \text{ ft} = 96,000.00$   
 $\text{@ } 1750/\text{ac} = 16,800$

# Reynolds PA2 Unit 2 (9.6 Acres) 2010



**Legend**  
 Stands  
 Project Unit Id Number



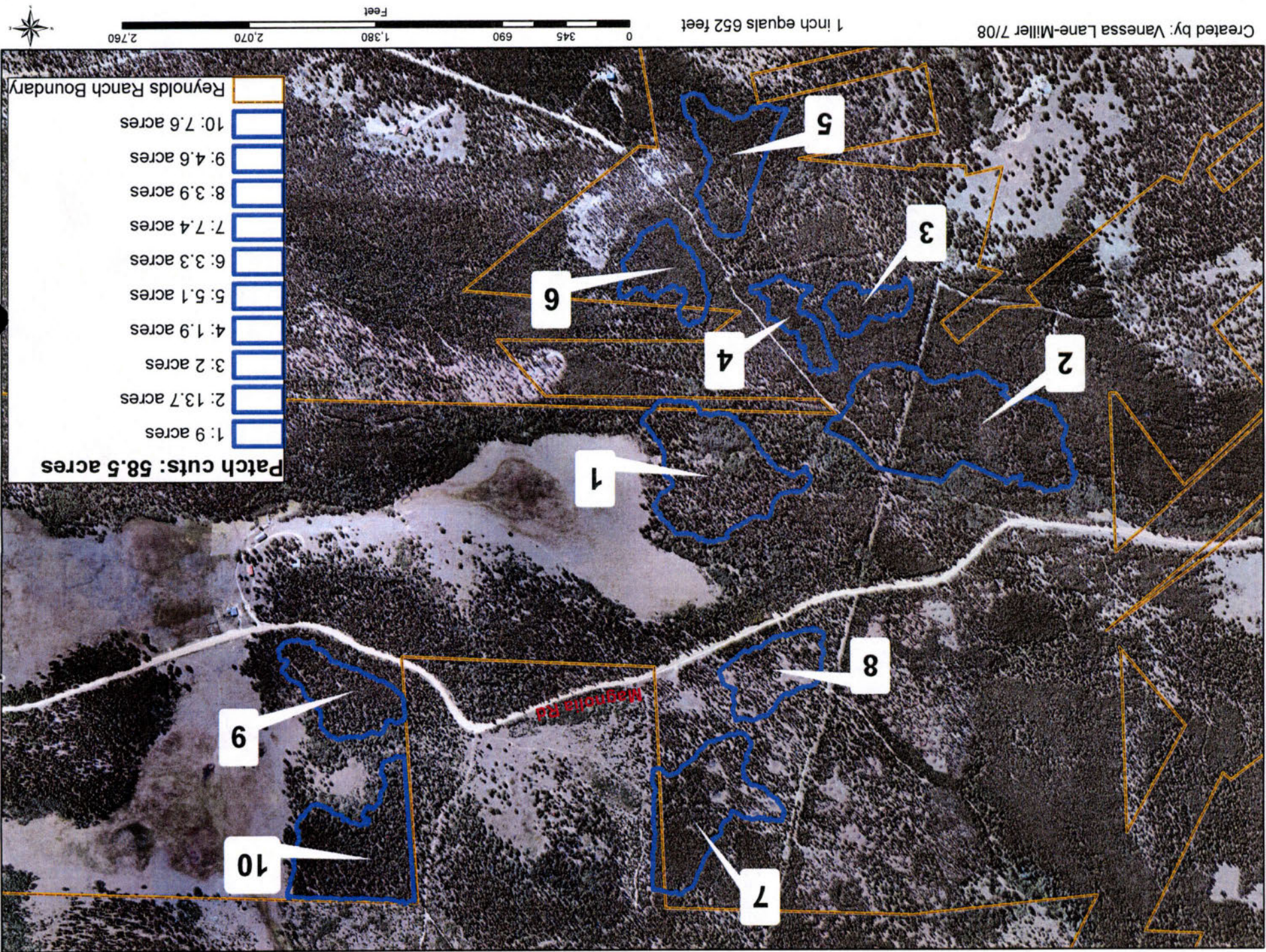
Man hvy. C. Julian

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

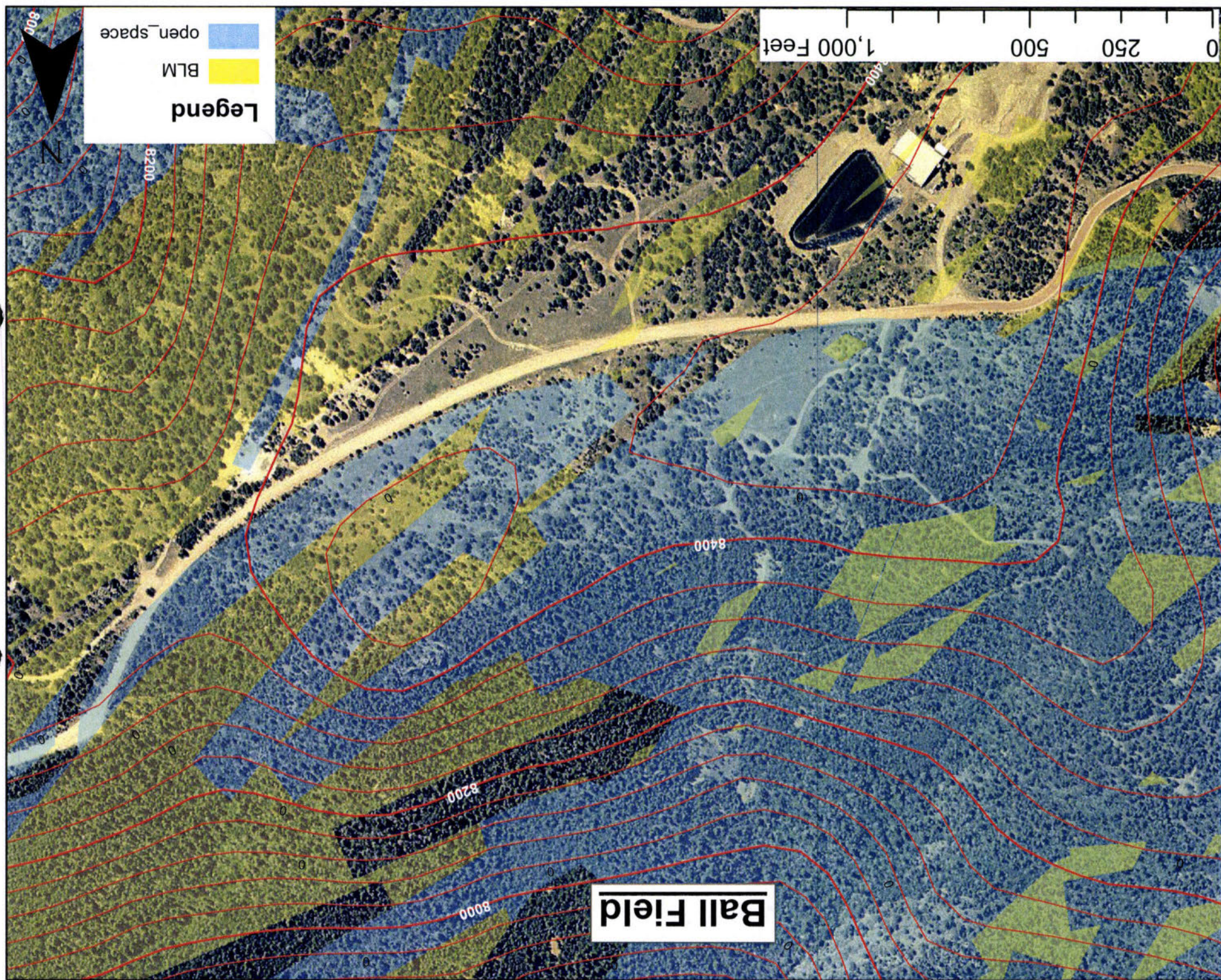
COPYRIGHT:  
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 of this data may be copied, reproduced, or transmitted in any form or by  
 means whether graphic, electronic, or mechanical, including



# BOCO Reynolds/Baylin Project 2008









**CSFS REQUEST FOR SUPPLIES OR SERVICES (other than GSA)**CSFS # **805** Rev. 02/04/05

Date: 2-16-10

Requested By: Allen Owen

Resale to:

CSFS Invoice #:

Vendor: Boulder County Parks and Open Space  
5201 St. Vrain Road  
Longmont, CO 80503  
Attn: Chad Julian

Ship To: Colorado State Forest Service  
Boulder District  
5625 Ute Highway  
Longmont, CO 80503

Reason for Vendor Selection: ☐ Sole Source (attach completed Sole Source Justification Form)  
☐ Previous Supplier  
☐ Other

Terms:

## 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  | 536709  | 5980    | 1   | Lot | FINANCIAL ASSISTANCE PROGRAM                   | \$1750/ac  | \$16,800.00 |
| 2  |         |         |     |     | Stevens' Fuels Treatment Funds (Stevens Grant) |            |             |
| 3  |         |         |     |     | Project # 536709-06-BO; 08 Haz Fuels BO        |            |             |
| 4  |         |         |     |     | 9.6 acres Project Completion Date 09-30-10     |            |             |
| 5  |         |         |     |     |  |            |             |
| 6  |         |         |     |     |  |            |             |
| 7  |         |         |     |     |  |            |             |
| 8  |         |         |     |     |  |            |             |
| 9  |         |         |     |     |  |            |             |
| 10 |         |         |     |     |  |            |             |

SPECIAL INSTRUCTIONS:  
ENCUMBER

Expenditure Approval:

Authorized Signature: /s/Allen Owen\_\_\_\_\_

Date: 2-16-10\_\_\_\_\_

Subtotal: \$ 16,800.00

Discount: \$ \_\_\_\_\_

TOTAL: \$ 16,800.00



**Financial Assistance Program  
Cooperative Match Project**

To be conducted by:

Boulder County, through Boulder County Parks and Open Space (BCPOS)

|                                    |              |
|------------------------------------|--------------|
| <b>Project Number:</b>             | 5-36709 - 06 |
| <b>Estimated Project Cost:</b>     | \$16,800     |
| <b>Funding provided by CSFS:</b>   | \$16,800     |
| <b>Minimum Recipient Match:</b>    | \$0          |
| <b>Project to be completed by:</b> | 9-30-2010    |

Based on the strength of the request submitted on behalf of the BCPOS, the Colorado State Forest Service is providing funding in the amount up to but not exceeding \$16,800 to accomplish the project described in the attached scope of work.

As the cooperator, BCPOS, will be reimbursed for actual (hard dollars spent) costs incurred in implementing the project up to the amount listed above once the following requirements are met:

- A. Complete work as described in "Attachment A" (scope of work).
- B. Provide documentation that project funds have been expended.
- C. Complete and submit through the local CSFS District Office periodic Grant Report(s)/Reimbursement Request(s) using the form provided in "Attachment B", as needed, and a Final Report that provides details on expenditures and accomplishments as a result of this project. Submission to:  

CSFS-Boulder District  
5625 Ute Highway  
Longmont, CO 80503
- D. Certify that neither the cooperator nor any principals represented herein are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

This funding will remain available until September 30, 2010. There will be no extensions provided due to federal fund grant requirements.

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

**Cooperator Signature:**

*Ronald K Stewart*

**Date:**

*2-18-2010*

Ron Stewart, Director

Program Contact: Chad Julian  
Boulder County Parks and Open Space  
5201 St. Vrain Rd.  
Longmont, CO 80503  
Telephone Number: 303-678-6202  
Email Address: [cjulian@bouldercounty.org](mailto:cjulian@bouldercounty.org)



EXHIBIT A  
TO SUBAWARD G-536709-06  
SCOPE OF WORK

**Boulder County Parks and Open Space (BCPOS) Reynolds Ranch PA2U2**

**Work to be completed:** This grant will cover the costs of fuels reduction on prioritized treatment areas near the community of Magnolia Road. This award is based on the 2008 Stevens' Funds Wildland Urban Interface Grant Application. 9.6 acres or more of fuels reduction treatment will occur.

All grant funds will be used as a 100% reimbursement for work done within the identified treatment area. BCPOS will initially cover the entire cost of project completion by use of their in-house mitigation crew and associated services. BCPOS will act as the grant award reimbursement recipient. The maximum CSFS rate for the cost of thinning, clear cutting and chipping (or piling) at least 9.6 acres is set at \$1,750 per acre. Total allowable reimbursement for this project is set at \$16,800.

**Milestone dates:** BCPOS has agreed to serve as the contracting entity for this project. This project is defined in the BCPOS 2010 Forestry/Fire Annual Work Plan. Data collection, modeling, analysis and reporting have been completed. Project boundaries have been flagged and mapped. Upon approval of this Scope of Work and award to BCPOS, implementation is planned to begin in late February of 2010 and end by July of 2010. These grant funds will be available through the end of the grant cycle (September 30, 2010). As implementation is completed, BCPOS will submit an "Attachment B: Grant Report/Reimbursement Request" to the local CSFS. A CSFS representative will inspect the reported acreage before reimbursement approval.

**Standards and Guidelines:** All project work will meet CSFS shaded fuel break and thinning guidelines. BCPOS personnel will be responsible for communicating with affected landowners as necessary and ensuring the project is completed within the grant cycle.

**Project Period:** February 16, 2010 through September 30, 2010

**Sub award Amount:** \$16,800

**Minimum Cooperator Match:** \$0.00

**Deliverables:** A combination of at least 9.6 acres of shaded fuel break thinning, patch cuts and clear cuts. The project will benefit the residents and property owners of Magnolia Road by creating a mosaic of various silvicultural treatments to break up and reduce fuels (continuity) and improve the overall forest health of this area surrounded by private and federal lands. Current pine beetle infestations within the project area will be mitigated during the implementation of the project.

**Project Types:** Fuels reduction/Implementation/ Treatment

All work completed under this subaward must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the subawardee. Attachment B to the sub award entitled "Attachment B, Grant Report/Reimbursement Request, WSFM Competitive Grants" will be the document used to both request reimbursement and to certify that work has been completed to minimum standards.



EXHIBIT B  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number:

In order to receive reimbursement, you must provide documentation supporting your expenditures covered by this initial disbursement and the corresponding match. You may request reimbursement on a monthly basis as you incur expenses, however the final 10% of the award amount will not be released until the final closeout report is received and accepted. Reimbursement requests must be accompanied by receipts for costs incurred and documentation of matching funds. Federal Funds cannot be used as sources for meeting the cost sharing (matching) provisions. **Matching Funds are expenses for goods, services and labor necessary for project implementation and incurred by the applicant which are not reimbursed with Federal Funds.**

| 1. Project #:   | 2. Project Funding Amount:                                | 3. Community Protected:                   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
|---|---|---|------------------------|-----------------|---|-------------------|------------------------|-----------------|--|--|--|--|---|----------------|--|-------------|---|----------------|--|-------------|--|--|-------------------|------------------------|--|--|-------------------|------------------------|--|--------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|
| 4. Make Payment To:<br>Name:<br>Address:  |   | 5. Period of Performance:<br>From:<br>To: |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 6. What was accomplished? (Quantity or Status of Project. Please provide a description of accomplishments. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of cubic feet or yards of slash collected, number of presentations, number of plans written. Attach additional sheets as necessary.)   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 7. Reimbursement Request:<br>Project to Date Reimbursement Request Amount cannot exceed the total Project obligation as identified in the Project Document. The Total Reimbursement Request Amount cannot exceed the Total Matching Funds amount for the period being billed.   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th colspan="3">Current Period</th> <th colspan="4">Project to Date</th> </tr> <tr> <th></th> <th>Reimbursement Amount Requested For Out of Pocket Expenses</th> <th colspan="2">Matching Funds</th> <th>Total Costs</th> <th>Reimbursement Amount Requested For Out of Pocket Expenses</th> <th colspan="2">Matching Funds</th> <th>Total Costs</th> </tr> <tr> <th></th> <th></th> <th>Cash (hard match)</th> <th>Donated (Inkind match)</th> <th></th> <th></th> <th>Cash (hard match)</th> <th>Donated (Inkind match)</th> <th></th> </tr> </thead> <tbody> <tr> <td>Labor*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material**</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |   |   |                        |                 | Current Period  |                   |                        | Project to Date |  |  |  |  | Reimbursement Amount Requested For Out of Pocket Expenses | Matching Funds |  | Total Costs | Reimbursement Amount Requested For Out of Pocket Expenses | Matching Funds |  | Total Costs |  |  | Cash (hard match) | Donated (Inkind match) |  |  | Cash (hard match) | Donated (Inkind match) |  | Labor* |  |  |  |  |  |  |  |  | Material** |  |  |  |  |  |  |  |  | Total |  |  |  |  |  |  |  |  |
|   | Current Period  |   |                        | Project to Date |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
|   | Reimbursement Amount Requested For Out of Pocket Expenses | Matching Funds                            |                        | Total Costs     | Reimbursement Amount Requested For Out of Pocket Expenses | Matching Funds    |                        | Total Costs     |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
|   |   | Cash (hard match)                         | Donated (Inkind match) |                 |   | Cash (hard match) | Donated (Inkind match) |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Labor*  |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Material**  |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Total   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Donated time and materials can only be counted towards the matching component.<br>* Use actual costs or \$20.25/hour for donated or volunteers' time.<br>** Use actual costs or fair market value of donated materials, supplies, or equipment use.   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 8. Amount Paid to CSFS for Products and/Or Services : \$  |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 9. I request reimbursement in the amount of \$_____ for the work completed and documented above. I certify that to the best of my knowledge and belief this report is correct and complete and that all outlays reported are for the purposes set forth in the project documents.   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Signature:  |   | Date:                                     |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| All expenses are true and accurate and all cost share is true and accurate.   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 10. Certification (To be completed by CSFS District):<br>Work meets minimum standards as set forth by CSFS.   |   |   |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Signature:  |   | Date:                                     |                        |                 |   |                   |                        |                 |  |  |  |  |   |                |  |             |   |                |  |             |  |  |                   |                        |  |  |                   |                        |  |        |  |  |  |  |  |  |  |  |            |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |



EXHIBIT A  
TO SUBAWARD G-536709-06  
SCOPE OF WORK

ORIGINAL SCOPE  
+ Agreement  
- BRIDGETTE "REVISED"  
Had Ron Sign it  
+ send as A.pdf

**Boulder County Parks and Open Space (BCPOS) Reynolds Ranch PA2U2**

**Work to be completed:** This grant will cover the costs of fuels reduction on prioritized treatment areas near the community of Magnolia Road. This award is based on the 2008 Stevens' Funds Wildland Urban Interface Grant Application. 9.6 acres or more of fuels reduction treatment will occur.

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**Standards and Guidelines:** All project work will meet CSFS shaded fuel break and thinning guidelines. BCPOS personnel will be responsible for communicating with affected landowners as necessary and ensuring the project is completed within the grant cycle.

**Project Period:** February 16, 2010 through September 30, 2010

**Sub award Amount:** \$16,800

**Minimum Cooperator Match:** \$0.00

**Deliverables:** A combination of at least 9.6 acres of shaded fuel break thinning, patch cuts and clear cuts. The project will benefit the residents and property owners of Magnolia Road by creating a mosaic of various silvicultural treatments to break up and reduce fuels (continuity) and improve the overall forest health of this area surrounded by private and federal lands. Current pine beetle infestations within the project area will be mitigated during the implementation of the project.

**Project Types:** Fuels reduction/Implementation/ Treatment

All work completed under this subaward must be certified as meeting minimum Colorado State Forest Service standards prior to any reimbursement being made to the subawardee. Attachment B to the sub award entitled "Attachment B, Grant Report/Reimbursement Request, WSFM Competitive Grants" will be the document used to both request reimbursement and to certify that work has been completed to minimum standards.



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**Financial Assistance Program**  
**Cooperative Match Project**

To be conducted by:

Boulder County Parks and Open Space (BCPOS)

|                                    |              |
|------------------------------------|--------------|
| <b>Project Number:</b>             | 5-36709 – 06 |
| <b>Estimated Project Cost:</b>     | \$16,800     |
| <b>Funding provided by CSFS:</b>   | \$16,800     |
| <b>Minimum Recipient Match:</b>    | \$0          |
| <b>Project to be completed by:</b> | 9-30-2010    |

Based on the strength of the request submitted on behalf of the BCPOS, the Colorado State Forest Service is providing funding in the amount up to but not exceeding \$16,800 to accomplish the project described in the attached scope of work.

As the cooperator, BCPOS, will be reimbursed for actual (hard dollars spent) costs incurred in implementing the project up to the amount listed above once the following requirements are met:

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- D. Certify that neither the cooperator nor any principals represented herein are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

This funding will remain available until September 30, 2010. There will be no extensions provided due to federal fund grant requirements.

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

**Cooperator Signature:**

**Date:**

Chad Julian  
Boulder County Parks and Open Space  
5201 St. Vrain Rd.  
Longmont, CO 80503

**Telephone Number:** 303-678-6202

**Email Address:** [cjulian@bouldercounty.org](mailto:cjulian@bouldercounty.org)





COPY

## Colorado State Forest Service Program Payment Request

| GRANT PROGRAM (CHECK APPROPRIATE PROGRAM TYPE):                                       |                                     |
|---|-------------------------------------|
| Forest Restoration Grant (SB71 and HB1199)  | <input type="checkbox"/>            |
| Volunteer or Rural Fire Assistance (a.k.a.: VFA/RFA)                                  | <input type="checkbox"/>            |
| Insect and Disease Prevention and Suppression Program                                 | <input type="checkbox"/>            |
| State Fire Assistance (a.k.a.: SFA)   | <input type="checkbox"/>            |
| Front Range Fuels Treatment Partnership (a.k.a.: FRFTP)                               | <input type="checkbox"/>            |
| Stevens Fuels Treatment Funds   | <input checked="" type="checkbox"/> |
| Cooperative Fire Agreement (Active Fire Suppression Cooperators; CRS#R-24-103-206-01) | <input type="checkbox"/>            |
| Emergency Supplemental Funds (a.k.a.: ESF)  | <input type="checkbox"/>            |

☒ Checked for Federal suspension and debarment (State Office) <http://www.epls.gov/>
11-11-10  
KCName: **Boulder County Parks and Open Space**

Address: 5201 St. Vrain Road

Longmont, CO 80503

Approved for Payment

C.S.F.S.

1049386

11-11-10

KC

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

Grant Number: 536709-06-80

Cooperator Match: \$4028.13

Approved Funding: \$16,800.00

Total Project: \$20,828.13 ~

CSFS Account Number: 536709-5980-6693

Amount of Payment: \$16,800 ~

108 HAZ FUELS RO

Circle one: 1<sup>st</sup> Payment2<sup>nd</sup> Payment3<sup>rd</sup> Payment

Final Payment ~

Approved by *[Signature]*  
(Program manager signature)

Date: 11/8/10

Colorado State Forest Service

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



Boulder County Reynolds Project  
GRANT REPORT/REIMBURSEMENT REQUEST  
COMPETITIVE GRANTS

Project Number: 5-36709-06

In order to receive reimbursement, you **must** provide documentation supporting your expenditures covered by this initial disbursement and the corresponding match. You may request reimbursement on a monthly basis as you incur expenses, however the final 10% of the award amount will not be released until the final closeout report is received and accepted. Reimbursement requests must be accompanied by receipts for costs incurred and documentation of matching funds. Federal Funds **cannot** be used as sources for meeting the cost sharing (matching) provisions. **Matching Funds are expenses for goods, services and labor necessary for project implementation and incurred by the applicant which are not reimbursed with Federal Funds.**

|  |  |   |
|--|--|---|
| 1. Project #: 5-36709-06   | 2. Project Funding Amount: <b>16,800</b> | 3. Community Protected: Magnolia Road                         |
| 4. Make Payment To:<br>Name: Boulder County Parks & Open Space<br>Address: 5201 St. Vrain Road<br>Longmont, Co 80503 |  | 5. Period of Performance: 2/18/2010-9/30/2010<br>From:<br>To: |

6. What was accomplished? (Quantity or Status of Project. Please provide a description of accomplishments. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of cubic feet or yards of slash collected, number of presentations, number of plans written. Attach additional sheets as necessary.)

The Reynolds Ranch Open Space Project Area 2, Unit 2 comprised treatment on 9.6 acres, including patch cuts of all lodgepole pine within 4.5 acres, and selective thinning of lodgepole pine, Douglas-fir, ponderosa pine, and aspen among the remaining 5.1 acres. Approximately 250 tons of biomass was removed from the project area, with additional biomass lopped, scattered, and compacted to reduce fuel loading and potential for active crown fire to adjacent private property, and homes, within the West Magnolia/Nederland wildland urban interface.

7. Reimbursement Request:

Project to Date Reimbursement Request Amount cannot exceed the total Project obligation as identified in the Project Document. The Total Reimbursement Request Amount cannot exceed the Total Matching Funds amount for the period being billed.

|            | Current Period                 |                   |                        | Project to Date                |                   |                  |
|------------|--------------------------------|-------------------|------------------------|--------------------------------|-------------------|------------------|
|            | Reimbursement Amount Requested | Matching Funds    |                        | Reimbursement Amount Requested | Matching Funds    |                  |
|            | For Out of Pocket Expenses     | Cash (hard match) | Donated (Inkind match) | For Out of Pocket Expenses     | Cash (hard match) | Donated (Inkind) |
| Labor*     | \$16,800.00                    |                   | \$1,567.65             | \$0.00                         |                   |                  |
| Material** | \$0.00                         |                   | \$2,460.48             | \$0.00                         |                   |                  |
| Total      | \$16,800.00                    |                   | \$4,028.13             | \$0.00                         |                   |                  |

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

\* Use actual costs or \$20.25/hour for donated or volunteers' time; labor costs are actual Boulder County staff time

\*\* Use actual costs or fair market value of donated materials, supplies, or equipment use; equipment costs at \$51.26/hour

8. Amount Paid to CSFS for Products and/Or Services : \$0

9. I request reimbursement in the amount of \$ 16,800 for the work completed and documented above. I certify that to the best of my knowledge and belief this report is correct and complete and that all outlays reported are for the purposes set forth in the project documents.

Signature: Bridgett Mc Carthy

Date: 10/19/2010

All expenses are true and accurate and all cost share is true and accurate.

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

Work meets minimum standards as set forth by CSFS

Signature: Allen

Date: 10-25-10



**Steven's Grant Narrative/Numbers**  
**10/13/10**

**Accomplishments:**

The Reynolds Ranch Open Space Project Area 2, Unit 2 comprised treatment on 9.6 acres, including patch cuts of all lodgepole pine within 4.5 acres, and selective thinning of lodgepole pine, Douglas-fir, ponderosa pine, and aspen among the remaining 5.1 acres. Approximately 250 tons of biomass was removed from the project area, with additional biomass lopped, scattered, and compacted to reduce fuel loading and potential for active crown fire to adjacent private property, and homes, within the West Magnolia/Nederland wildland urban interface.

**Staff Hours/Costs:**

Resource Specialist #1 (161 hrs. @ \$25.26/hr. X 1.433 benefits)= \$5,827.81

Resource Technician #1 (305 hrs. @ \$19.45/hr. X 1.433 benefits)= \$8,500.91

Resource Specialist # 2 (54 hrs. @ \$26.05/hr. X 1.433 benefits)= \$2,015.80

Seasonal Resource Technician #1 (83 hrs. @ \$15.45/hr. X 1.2185 benefits)= \$1562.54

Seasonal Resource Technician #2 (27 hrs. @ \$14.00/hr. X 1.2185 benefits)= \$460.59

**Total Staff Hours: 630**

**Total Staff Costs: \$18,367.65**

**Operations Hours:**

Felling (452 hrs.)

Travel (130 hrs.)

Skidding/Processing via Bobcat S300 (48 hrs.)

**Total Machine Costs:**

48 hrs. @ \$51.26/hr. = **\$2,460.48**

**TOTAL COSTS: \$20,828.13**



alowen

---

**From:** Julian, Chad [cjulian@bouldercounty.org]  
**Sent:** Thursday, February 25, 2010 4:25 PM  
**To:** alowen@lamar.colostate.edu  
**Subject:** Reynolds Project update

Below are some bulleted updates for this project:

- We will be sending postcards to approx. 300+ neighbors. It is at printing and will be in mail by Friday.
- We will put an executive summary and two maps on the web. Rachel Gehr will do on Friday morning.
- Kevin Z. with the USFS was supposed to get back to me by this morning with the status of their burning in the two USFS units that are adjacent to this project to make sure our we meet the requirements for the Stevens grant. I am still waiting for his response. If we do not meet those requirements, we will use the money that the new forester at the CSFS will bring?
- I will have a final Rx by Tuesday morning with all edits from Scott, Zack and Susan in place.
- I will announce this project and where folks can read about it on the web at the Nederland Forest Mgt. Policy meeting on March 4th.
- I will also try to schedule the Ned mtn ear for an article in May/June.
- Zack and Shane are working on the access gate area now and will continue work in the unit from this point on.

Chad Julian  
Senior Resource Specialist (Forestry/Fire) Boulder County Parks & Open Space  
5201 St. Vrain Road  
Longmont, CO 80503  
Office: 303-678-6202  
Pager: 303-441-3851 #1753





## Reynolds Ranch Open Space Project Area 2 Unit 2 (RR PA2U2) Forest Health/Fuels Mgt. Final Draft

### Project Area Background

Boulder County Parks and Open Space (BCPOS) began the acquisition process in 1994 to protect three of the significant properties that comprise the Magnolia Road to Boulder Canyon landscape. Platt Rogers Memorial Park is approximately 780 acres in size and is located on the south side of Boulder Canyon. Reynolds Ranch is approximately 860 acres located on either side of Magnolia Road and drops into Boulder Canyon just east of Barker Reservoir. The Rogers Property is 88 acres, located 3/4 mile below Barker Reservoir, on both sides of State Highway 119. Together, these properties help protect the scenic mountain landscape as well as important wildlife habitat.

The department approved a management plan for the property in June of 2000. The document can be found on the Boulder County website within the Parks and Open Space section. Objectives for vegetative resource management and more specifically the forest, grassland and wetland management, are listed in the Desired Future Conditions Section.

The Colorado State Forest Service (CSFS) was contracted by BCPOS to write forest management prescriptions and recommendations for Reynolds Ranch in 1999-2000. This is referenced in their document as Reynolds Ranch –East Stand 4 South. The CSFS recommended treatment in this unit in that report.

Three units were treated north of Magnolia road between 2004 and 2006. The majority of these units were treated as a shaded fuelbreak. Several small patch cuts less than one acre were placed within this shaded fuelbreak; these projects were a part of the Winiger Ridge Ecosystem Project.

During the summer of 2006, RRP1U1 (unit to the east) was treated. The goals of this treatment were to expand the current aspen stand into the older decadent lodgepole pine stand in the Southwest corner. Removal of the majority of the lodgepole pine occurred in 2006. The unit currently has aspen suckers of 10-25 inches in height, and some lodgepole regeneration with seedlings at 3-5 inches in height.

Mountain pine beetle populations have been increasing in the area, and prompted the department to consider management to address forest health and fire issues in the west Magnolia and Nederland areas. 40 acres of small patch cuts were placed on the landscape to the west of the Giggy Lake meadow area in the late fall of 2008. The goals of this treatment were to create a mosaic of species, age and structure within both the mixed-conifer and lodgepole pine forests that occur on the western side of the property. These small stands will help to increase aspen, initiate a more diverse age structure in the lodgepole pine as well as help reduce the overall severity of a crown fire that would burn towards homes located to the north and east of the property. An additional 3.5 acres were treated between two small patch cuts in 2009.

*MASTRO?  
confirm*

The private forest agriculture tax property that is located to the Southeast completed forest health work in 2009; this treatment will compliment the units completed in 2006 in order to treat all fuels that boundary other treatments on private property.

POS Wildlife found an active goshawk nest on the west side of Reynolds in 2009. Therese Glowacki (RM Division Mgr.), Susan Spaulding (RM Wildlife), and Chad Julian (RM Forestry/Fire) completed a site visit in the fall of 2009 to talk about management in the area. Wildlife considerations are listed in the Desired Future Conditions section.

POS learned of future United States Forest Service (USFS) planning in the area. We are partnering with the Colorado State Forest Service (CSFS) to implement this treatment with Stevens Grant funding. The funding is for projects that will occur on lands that are located between USFS treatments that involve Rx fire and private lands. The project will also help to compliment the treatment that occurred on the private forest agriculture tax property to the Southeast.

### Historical Stand Conditions and Disturbance Regime

Refer to Boulder County Parks and Open Space Forest Management Policy, Appendix A, Upper Montane Life Zone pages 32-37. (Document can be found at G:\Forestry-Fire\Management-Work Plans\Forest Management Policy).

### Current Stand Condition

RR PA2U2 is 9.6 acres in size and is approximately 8,550 feet in elevation. Stand 1 (4.5 Ac) consists predominately of lodgepole pine, with aspen and Douglas-fir comprising the remainder. Stand 2 (5.1 Ac) is a mixed conifer stand with lodgepole pine, ponderosa pine, limber pine, Douglas-fir and aspen. The primary solar aspect for stand 2 is west, with most of stand 1 being flat. Stand 1 summary data is listed below in Table 1.

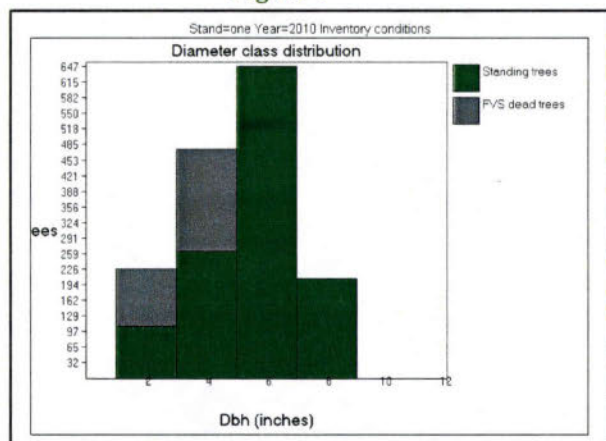


**Table 1. RR PA2U2 Stand 1 Inventory Conditions January 2010**

| Stand=one Year=2010 Inventory conditions             |                             |
|--|-----------------------------|
| File: ja\ja_001.svs                                  |                             |
| Summary is for all species                           |                             |
| Tree list summary:                                   |                             |
| Origin:  | (0.0,0.0)                   |
| Size:  | 208.7 by 208.7 (1.00 acres) |
| Units:   | ENGLISH                     |
| Total objects:                                       | 1555 (1555 per acre)        |
| Standing live trees (using FVS plant class codes):   |                             |
|  | Mean SD Min Max             |
| dbh  | 5.5 1.5 2.9 8.3             |
| ht   | 43.4 4.8 34.0 54.0          |
| Basal area:  | 214.9 (214.9 per acre)      |
| Number of trees:                                     | 1226 (1226 per acre)        |
| Standing dead trees (using FVS plant class codes):   |                             |
|  | Mean SD Min Max             |
| dbh  | 3.3 0.5 2.8 4.4             |
| ht   | 27.9 2.2 25.0 30.0          |
| Basal area:  | 20.0 (20.0 per acre)        |
| Number of trees:                                     | 329 (329 per acre)          |
| Downed trees and logs (status code 0, 10, 3, or 13): |                             |
| No downed logs to summarize                          |                             |

Figures 1-5 represent conditions as inventoried in 2010 in RR PA2U2 Stand 1. Figures are outputs from the Forest Vegetation Simulator (FVS) modeling program.

**Figure 1**



**Figure 2**

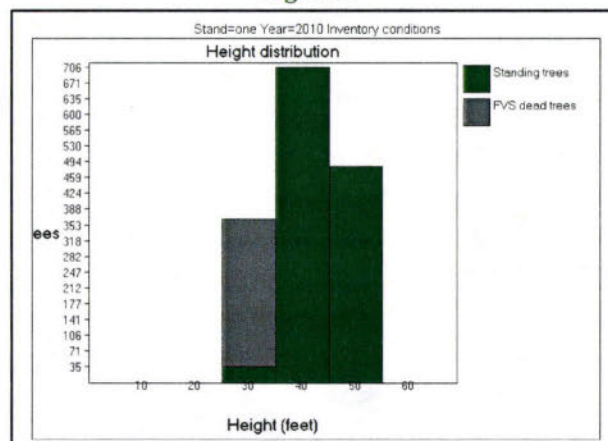




Figure 3

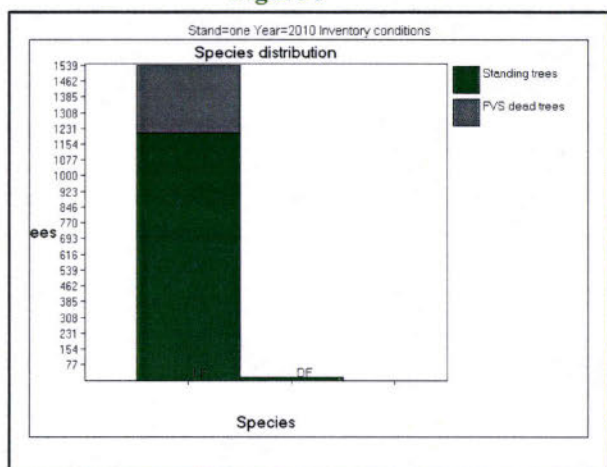


Figure 4

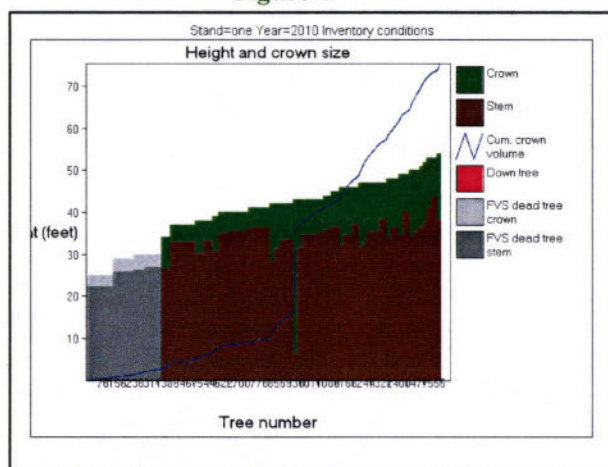
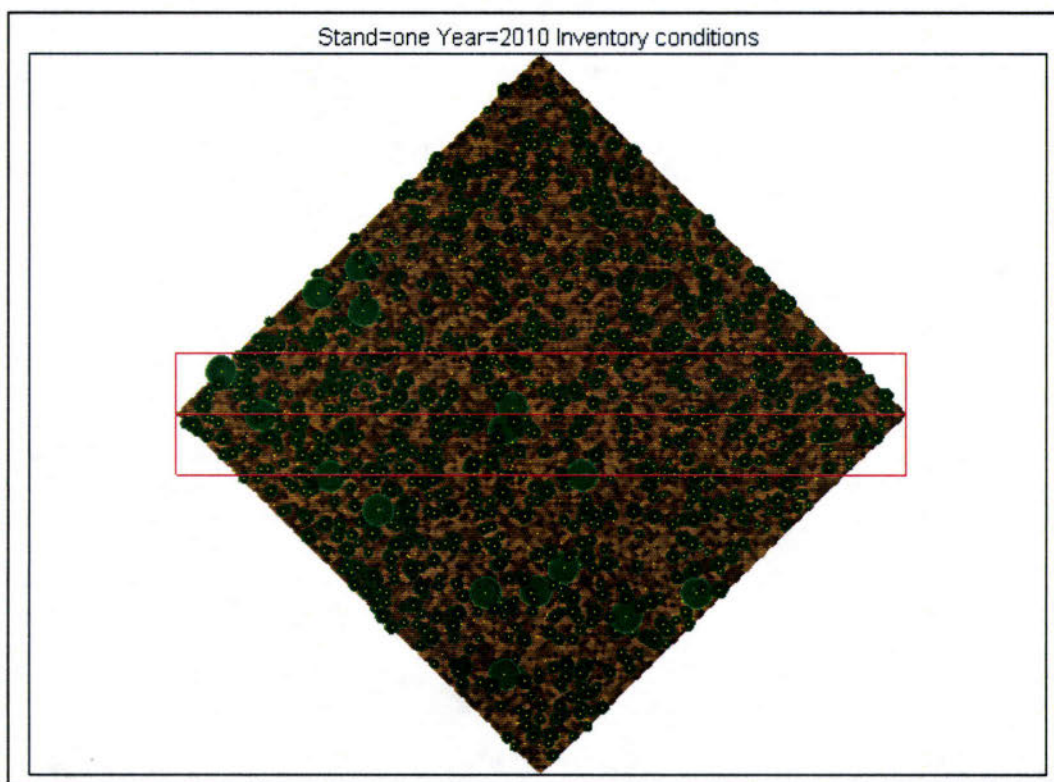


Figure 5 Overhead View





## **Desired Stand Condition**

### **1) Management Plan Recommendations**

**\*All management plan recommendations are in the Reynolds Management Plan.**

#### **A) General management plan objectives for vegetative resources (Section 7.0)**

- Protect and properly manage significant plant communities and rare plants.
- Manage for ecosystem integrity by encouraging and planning for naturally occurring processes so they will remain vital components of the ecosystem.
- Manage vegetative communities by maintaining and encouraging desirable native species, restoring degraded areas, and controlling undesirable exotic species.

The management direction is towards protecting critical resources, encouraging native species over exotic, and maintaining natural processes. Where feasible, a passive approach of letting nature take its course will be utilized. However, active tools such as forest thinning, manual and mechanical weed control, use of herbicides, biological weed control, seeding, grazing, rest from grazing, exclusion from grazing, and prescribed fire will also be utilized.

#### **B) Forest, Grassland and Wetland Management (Section 7.2)**

- Management, both active and passive, may occur in order to maintain or restore natural communities and mimic natural processes.
- Relative to the landscape mosaic of grassland, woodland and forest, current information favors the following objectives:
  - Meadows and grasslands should be retained. Where appropriate, consideration should be given to enlargement or enhancement of meadow communities. This would be accomplished by removal or thinning of trees, which have invaded meadows because of the absence of ground fires. The use of controlled burns may also be considered. It appears that the primary meadow sites, particularly the areas near Magnolia Road on Reynolds Ranch Homestead and in Boulder Canyon, are relatively permanent as they occupy locations of colluvial and alluvial soils.
  - Woodlands, which are generally found on south-facing aspects or flat sites with colluvial soils, and dominated by ponderosa pine (and to a lesser extent Douglas-fir), should be retained. Where appropriate, consideration should be given to enlargement or enhancement of stands. Again, the cessation of fire has allowed for woodland stands to become denser. Some stands have been converted to forests dominated by shade-tolerant trees. Thinning of trees, focusing on removal of small diameter trees and retention of larger sized trees, may be utilized to retain and enhance woodlands. The use of controlled burns may also be considered.
  - Coniferous forests comprised of pure stands of lodgepole pine or Douglas-fir, or mixed stands of the above species along with ponderosa pine and other species, occupy both steep north-facing hillsides and flatter uplands. These forests will retain a dominant role in the landscape, but may be slightly reduced in extent due to expansion of meadows and enhancement of woodlands. Additionally, a greater mosaic of age classes than presently found would be advantageous, including greater coverage by aspen. The steep north-facing aspects of Boulder Canyon present topographic and access problems for management activities. Management of coniferous forests is secondary in importance to meadow and woodland enhancement. What coniferous Platt Rogers, Reynolds and Rogers Property Management Direction forest management occurs will generally happen on the flatter upland sites as well as the toes and ridges of the steeper north-facing slopes. The location of such management must also be considered in the context of the surrounding landscape and should be coordinated as part of a larger scheme in conjunction with other public and private landowners.
  - Forest and woodland management should strive to increase the amount of large-diameter trees, particularly of ponderosa pine and Douglas-fir. Existing old growth should be retained and opportunities sought for establishment of new old growth stands. Topographic settings that favor large tree development include south-facing hillsides, ravines, rocky hillsides and ridges, and flat upland sites. For stands of ponderosa pine, ponderosa pine mixed with Douglas-fir, montane ravine forests, and mixed-conifer forests on sites favorable for large tree development, active management should favor retention of large trees and the taking of small diameter trees.
  - The primary tools for active woodland and forest management include: thinning and pruning of forests and woodlands; and use of controlled burns. Following are objectives for these management tools:
    - Thinning and Pruning of Forests and Woodlands: This management tool is utilized in order to decrease stand density and maintain open meadows, shrublands and woodlands. It also allows fire to be a more effective and less dangerous agent by reducing stand density, maintaining less hazardous fuel types, and eliminating ladder fuels. Thinning will focus on removing understory trees, as well as many seedlings and saplings that would have been killed by historically occurring low-intensity ground fires.



- Use of Prescribed Burns: Prescribed burns can reduce exotic plants, restore ecological diversity, and reduce fuel loads, which may help reduce the risk or severity of wildland fire. Low to moderate intensity prescribed burns can be utilized in grasslands, woodlands and some forests of these open space properties. Areas to be burned may receive an initial thinning and pruning of trees in order to allow the fire to be more effective.

#### **C) Wildlife Management (Section 8.0)**

- General management objectives for wildlife resources include:
  - Protect the ecosystem functions of the properties relative to their values within the Magnolia Road/Boulder Canyon area.
  - Protect and properly manage significant animal communities and rare animals.
  - Protect wildlife habitat by maintaining natural food, cover, nesting sites, resting areas and habitat effectiveness.
- The management direction focuses on three different scales:
  - The context of the open space in the landscape.
  - The ability of the open space to function as effective wildlife habitat.
  - Protect the protection of known significant resources.

#### **2) Additional wildlife management recommendations were made by wildlife staff**

##### **A) Goshawk and Red-tail Hawk Guidelines**

- There will be no new patch cuts within a .5 mile radius of the nest.
- Pile burning will not occur within a .25 mile radius buffer around the nest (i.e. no pile burning west of the powerline cut and north of Magnolia). Burning will occur south of Magnolia and east of the powerline cut in 2009/2010.
- No other forestry treatment will occur within a .25 mile radius of nest site.
- BCPOS wildlife will determine the territory status in 2010 and continue discussions about the adjacent piles, based on the territory status in 2010. Wildlife staff will survey the entire area in 2010 to better understand the territory, and attempt to locate alternate nests, etc.
- BCPOS wildlife staff confirmed the existence of a Red-Tail Hawk nest north of Magnolia road, which is north of the treatment area. This nest was confirmed on February 22<sup>nd</sup>, 2010.
- The nest structure is intact, but is not active as of February 22<sup>nd</sup>, 2010.
- As treatment will commence on this unit prior to nesting, BCPOS wildlife staff have determined that there will be no direct adverse impact to this nest.

Forestry has addressed these concerns by treating RRP2U2, which is outside the buffer that was created for the new nest. We will be working with wildlife this spring as they assess the nest in the following spring. We are awaiting future plans from the USFS for the Reynolds/Magnolia area. This may compliment or change our future plans for the area.

**The following bulleted points are recommendations for RR PA2U2. The recommendations meet the forest health and ecosystem objectives of BCPOS, CSFS and the USFS. The recommendations also address the need to treat fuels for fire within the west Magnolia/Nederland Wildland Urban Interface. This will meet the goals of fuels management of the CSFS, USFS, Nederland and High Country Fire Protection Districts, Boulder County Land Use Dept. and BCPOS for the Nederland area.**

Overall objectives for the unit are:

- Create a greater mosaic of species and age diversity across the Reynolds/West Magnolia landscape to address current and future insect/disease and fire issues.
- Maintain, restore and expand current coverage of aspen.
- Protect old Ponderosa pine and Douglas fir trees in the Giggy Lake meadow edge from fire and mountain pine beetle.
- Reduce fuel loading and potential for active crown fire, as site is adjacent to private property with homes.
- Utilize materials for internal POS fencing/volunteer projects, as well as provide biomass for the OSTC Biomass Heating Facility.

#### **Marking and Unit Layout**

The unit has been delineated into two levels of desired forest structure and density (see map). POS staff will utilize the designation by description method. Guidelines are listed below:

- Stand One (lodgepole pine stand, 4.0 Ac)
  - Small openings/group selection cuts that will target removal of most mature lodgepole pine. All other species present will be left regardless of size.



- Boundary will not be marked, POS staff will use aerial photos to delineate unit boundary on ground as indicated on map.
- Boundary will be discontinuous along all edges.
- A minimum buffer of 100 feet will be left along road, to be removed at a later date when the unit successfully regenerates (6-10 years).
- Leave dead snags >10" diameter.
- Leave all existing downed-woody biomass on forest floor, except where removal may facilitate aspen suckering.
- Stand Two (Mixed-conifer stand, 4.1 Ac)
  - Target removal of mature lodgepole pine.
  - Desired BA range of 60-75 square feet/acre
  - Retain all old ponderosa pine and Douglas-fir
  - Create clumps with all age classes as long as smaller and younger trees are outside the dripline of the larger trees.
  - Maintain a discontinuous edge with Stand one and west meadow edge.
  - Leave all existing downed-wood biomass on forest floor, except where removal may facilitate aspen suckering.
  - Leave dead snags >10" diameter.

## **Prescription**

### **Cutting Parameters**

- The unit will be a designation by description unit.
- Cut all stumps flush and within 3 inches of the tree base.
- Leave all old existing downed logs.
- Lop and scatter tops and limbs that are <3" in diameter to allow for surface roughness in unit, except where the removal may facilitate aspen suckering.
- Remove all logs >3" in diameter offsite.

### **Operational Guidelines (Refer to Map #2)**

- Work will occur between 02/22/10 and 8/25/10.
- A small landing will be place in the Northwest corner of Stand 2, using the existing access and gate from Magnolia Road.
- An old ranching road will be used for the main skid trail as indicated on map. Lateral skid trails may be utilized to move material to the main skid trail.
- All material >3" diameter will be processed via cut to length (CTL) parameters and forwarded out of the unit.
- A minimum 100 foot buffer will be placed on the north boundary with Magnolia road. A fence for the POS Ag lease on Reynolds comprises this boundary. POS Forestry will correct any damage to the fence before cattle are released in the grazing allotment in June.
- Slash <3" in diameter will be lopped and scattered within both Stand 1 and Stand 2. Slash may be piled where appropriate, to facilitate aspen suckering.
- BCPOS wildlife has marked a wildlife snag in Stand 1 with a buffer of 20 feet around the tree.
- Work will be conducted in a low impact manner, as per CSFS best management practices (BMP).

### **Rehabilitation of Project Impacts**

- The main skid trail is not compacted currently, as aspen and lodgepole seedlings are established. When complete POS Forestry will cover the old footprint of the road with lopped and scattered slash.
- Impacts to main landing will be assessed when project is complete. If compaction has occurred, the landing will be ripped and seeded with a seed mix provided by BCPOS Plant Ecology.
- Any damage to the existing fence will be repaired by BCPOS Forestry.

### **Monitoring of Post-Project Conditions**

- Weeds will be monitored and treated after completion of the project.
- Overstory inventories and photopoints noted with survey pins and GPS coordinates should be recollected within one year of the thinning treatment to ensure the treatment parameters were met.
- It is recommended that understory vegetation inventories be completed within five years of thinning treatment, and in five-year increments thereafter. Photo point plots should be recollected within one year of the thinning treatment.
- Slash pile sites, skid trails, and the landing area should be monitored for newly established noxious weed infestations or increased densities of existing weeds.



**Additional Considerations**

- Nederland Road Maintenance will improve access points off of Magnolia Road.
- Heavy snow could occur from March-May and this could shut down the operation for a time and may require snowplowing of the access point and landing area.

**Site Photos (Following Page)**



Reynolds PA2U2 General Photos



Reynolds, PA2U2 2010



Reynolds, PA2U2 2010



Reynolds, PA2U2 2010



Reynolds, PA2U2 2010

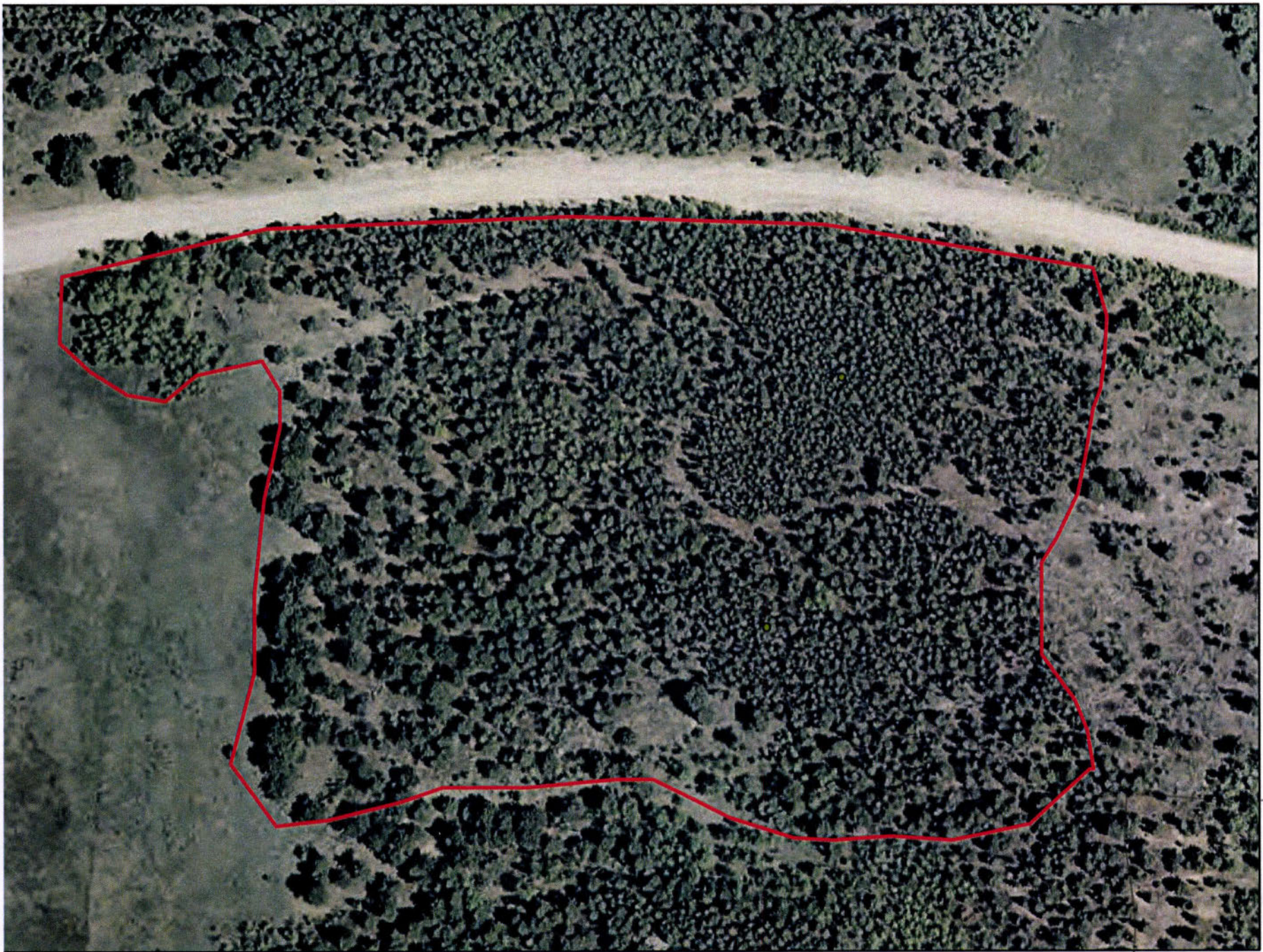
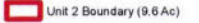


# Reynolds PA2 Unit 2 (9.6 Acres) 2010



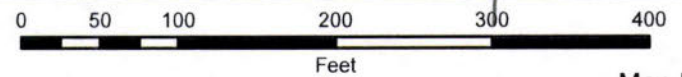
## Legend

Project Unit Id Number  
Unit 2 Boundary (9.6 Ac)



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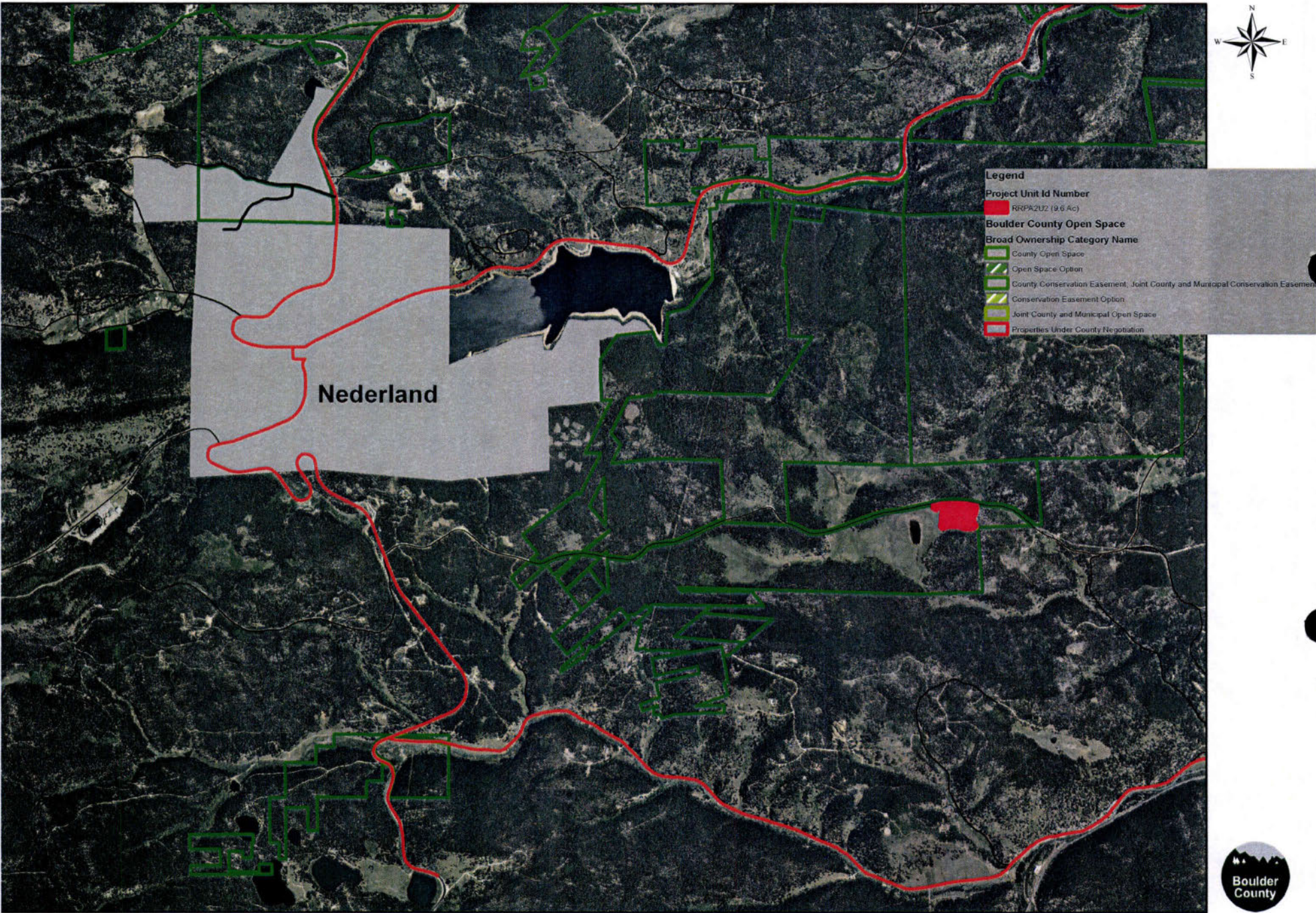
**DISCLAIMER:**  
This map is for illustrative purposes only, and is not suitable for parcel specific decision making. The areas depicted here are approximate. More site specific studies may be required to draw accurate conclusions.



Map by: C. Julian

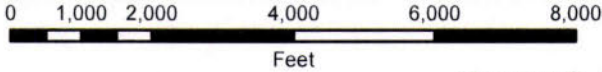


# Reynolds PA2 Unit 2



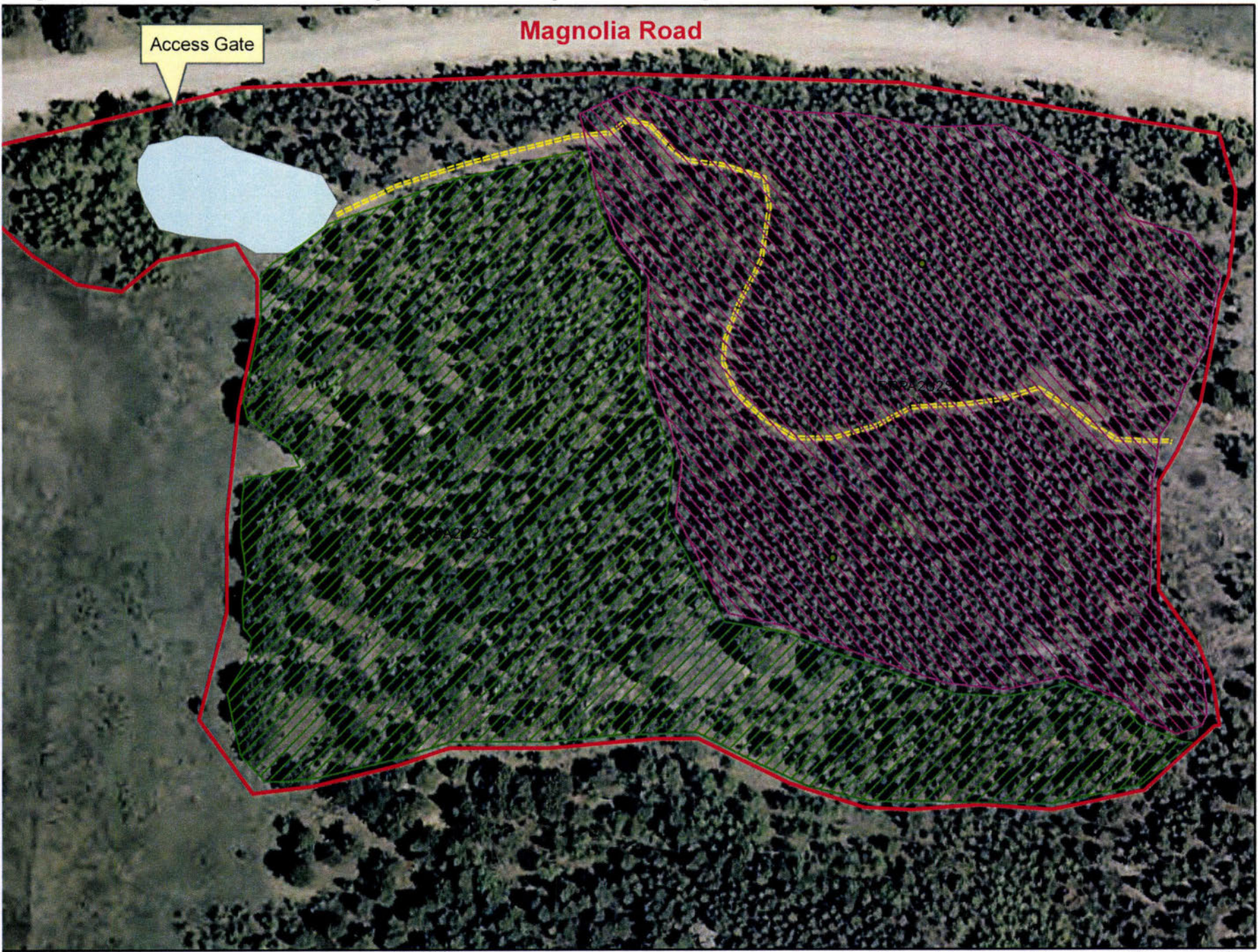
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specific decision making. The areas depicted here are approximate.  
More site specific studies may be required to draw accurate conclusions.





# Reynolds PA2 Unit 2 (9.6 Acres) 2010 Operations Plan



**Legend**

**Project Unit Id Number**  
RRPA2U2 (9.6 Ac)

**Stand**

**StandId**  
Stand 1 (4 Ac)  
Stand 2 (4 Ac)  
Landing

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