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To: L. Hansen

Sierra Nevada Conservancy-Progress Report

**Sierra Nevada Conservancy Grant Program
Safe Drinking Water, Water Quality and Supply, Flood Control
River and Coastal Protection Act of 2008 (Proposition 84)**

Grantee Name: Plumas County Fire safe Council

Project title: Grizzly Creek Hazardous Fuels Reduction Project

SNC Reference Number: **SNC** GO 712002 **Submittal Date:** __6/9/11

Report Preparer: _John Sheehan **Phone #:** 530 283-3739

Check one:

6-Month Progress Report (one year)

Final Report

6-Month Progress Reports should reflect the previous six months. **Final Reports** should reflect the entire grant period.

A. Progress Report Summary: (Please provide a general description of work completed during this reporting period.)

The project began in June, 2008. Primary Fuels work (mastication and hand thinning/piling) on the <10 acre project area was completed in September, 2008. The task of final pile burning was assumed by the landowner. Photo Monitoring was carried out in 3/10. The project was visited by Department of Finance Auditor/Evaluator Wendy Griffe in August of 2010 on behalf of SNC, who viewed progress on the project in general and also on the pile burning by the landowner. SNC staff has also visited the area on a separate tour.

B. Deliverables or Outcomes completed during this Reporting Period or Milestones Achieved: (Include specific information, such as public meetings held, agency participation, partnerships developed, or acres mapped, treated or restored.)

The project was bid among local fuels reduction contractors in June, 2008. The firm, Firestorm was chosen to do the mastication, hand thinning and minimal pile burning. The work commenced and was completed in September, 2008 with the exception of some pile burning, a landowner responsibility subsequently carried out. A visit from a department of finance representative reviewed the progress on pile burning.

C. Challenges or Opportunities Encountered: (Please describe what has worked and what hasn't; include any solutions you initiated to resolve problems. If your project is not on schedule, please explain why here.)

The masticator used on the project caught fire and needed a visit from the local fire department.

D. Unanticipated Successes Achieved: (Please describe any additional successes beyond completing scheduled tasks or meeting scheduled milestones.)

E. Compare Actual Costs to Budgeted Costs: (Please refer to your grant agreement to list your deliverables/budget categories and budgeted costs compared to actual costs incurred during this reporting period in the table below.)

PROJECT BUDGET CATEGORIES	Budgeted SNC Dollars	Actual Dollars
Management	2050	1,955.67
Fuels work	9020	8,696.86
Monitoring/closeout	1230	1,630.64
GRAND TOTAL	12,300	12,283.17

Explanation: (if needed)

Funds expended after 7/09 (when most fuels work was done) were spent for the Department of Finance auditor tour in 8/10 as well as the powerpoint/monitoring presentation in 3/10. See detail as part of invoice.

F. Were there any other relevant materials produced under the terms of this Agreement that are not a part of the budgeted deliverables? If so, please attach copies. (Include digital photos, maps, media coverage of project, or other work products.) Powerpoint previously submitted.

Photos are at PCFSC website www.plumasfiresafe.org/projects and were submitted to SNC in 3/10

G. Next Steps: (Work anticipated in the next 6 months, including location and timing of any scheduled events related to the project.)

Long-term owner maintenance as provided for in the Landowner Agreement. Pile burning on “burn days” under landowner supervision and by landowner.

Please Complete this Section for FINAL Report ONLY

Resources Leveraged: (What kind and amount of resources – funding or in-kind – outside of the SNC were you able to leverage, and how?)

Capacity-Building Results and Collaboration and Cooperation with Stakeholders: (What partnerships did you initiate or strengthen as a result of this project? How did they affect the project outcome? If applicable, how did this grant increase your organization’s capacity? What is your plan to sustain this increase?)

The SNC funds enabled us to complete this multi phase project to the landowners’ satisfaction.

Description of Project Accomplishments:

1. How did the Project succeed in accomplishing its intent?

The ten acres of mastication and material removal were accomplished.

2. Describe any follow-on or indirect benefits resulting from the Project.

3. Describe any significant experiences, unanticipated results or noteworthy events that create a “wow” factor.

The state department of finance auditor was impressed with the work that needed to be done and that accomplished.

4. Describe any Lessons Learned.

On the larger overall project, 97 acres was carried out with fuels treatments. Better information to participants and a review of the project on site with timber operators could have made the project go smoother

5. How do you intend to share the results of your work on this project?

The power point already sub mitted will be posted on the FireSafe website

SNC-approved Performance Measures: (Please list each Performance Measure for your Project, as identified in your Grant Agreement, and the results/outcomes.)

The treatment on the 10 acres was completed

Sierra Nevada Conservancy Grant Program Project Reporting Guidelines

Progress Reports are required periodically throughout the term of the Grant Agreement (Refer to Exhibit B of the Grant Agreement). These reports will allow you and the Sierra Nevada Conservancy (SNC) to see the degree to which the project is on track and achieving your projected outcomes. Your Progress Reports will further provide the SNC with information that will help us to explain your work to the Board Members and various other audiences. Timing of Progress Reports is specified in the Project Schedule included in Exhibit A of the Grant Agreement, but generally every 6 months until completion of the project.

A Progress Reporting Form is provided to Grantees on the SNC Website. **Six-month Progress Reports** should reflect the previous 6-month period; **Final Reports** should address each question for the entire grant period – looking at the project as a whole.

The form specifies the items you will need to report on. For the Six-Month Interim Report these include, but are not limited to: *A Progress Report Summary of work completed, Deliverables or Outcomes Completed, Challenges or Opportunities Encountered, Unanticipated Successes Achieved, Actual Costs compared to Budgeted Costs, Any Additional Relevant Materials Produced, and Next Steps.*

The Final Report will include additional information, such as: *Resources Leveraged, Capacity-Building Results and Collaboration and Cooperation with Stakeholders, a Description of Project Accomplishments, and SNC Approved Performance Measures.*

Please make sure that you submit complete reports by the dates requested in your Grant Agreement.

Plumas County Fire Safe Council



Grizzly Road #2 HAZARDOUS FUEL REDUCTION PROJECT- Mastication and Surface Fuels on One Parcel

Project Prospectus

The Grizzly Road #2 HFR Mastication and Surface Fuels Project is to finalize work on a broader project, already otherwise completed. The # 2 project will consist only of mastication and surface fuels rearrangement on approximately 10 acres under one private ownership. The entire parcel is 20 acres but only the lower 10 acres will receive treatment under this project. The Assessor's Parcel # is 128-050- 017. The project is located in Sec 8, T23N, R14E, MDB&M. Access is gained from Grizzly Rd. (east of Portola) to the property owner's driveways. Two maps are included: an ortho photo showing basic arrangement of the (central) parcel and a topographical map showing the parcel # of the central parcel. Both maps are from the Plumas County GIS map system. This prospectus is intended to solicit potential contractors interested in performing hazardous fuel reduction tasks to the specifications provided below.

Important Dates & Times

Show Me Tour: *Thursday, April 17, 2008 @ 11:00 a.m.* (Location: Taylorsville Campground-see map)

Bid Date: *Thursday, April 24, 2008 @ 5:00 p.m.*

Contract Term and Timing of Operations:

Operations shall begin by agreement upon contract execution with completion no later than December 31, 2008 unless otherwise agreed.

Operations may be affected by overly dry conditions reducing or eliminating operational times until fall rains.

Treatment Area Designation:

A Registered Professional Forester (RPF-Smailes) has identified the treatment area on the ground. The area designated for treatment is flagged with surveyors' ribbon. Color codes and significance are as follows:

Red.....project boundary

Plumas County's Fire Safe Council's General Hazardous Fuel Reduction Treatment Desires Are:

Desired Stand Condition:

Fuel conditions (surface, ladder & canopy) would not contribute to initiating or sustaining a crown fire and have projected flame lengths of less than 2-4 feet in the surface fuels and represented in photo series PNW-51 and 52: photo description codes 1-PP-4-PC, 2-PP-4-PC, 4-PP-1-TH., 1-DF-4-PC, 6-DF-PC and 2-LP-3-PC. (www.bof.fire.ca.gov/pdfs/photoseries%201-pp-4-pc.pdf and www.bof.fire.ca.gov/pdfs/fuelbreak.pdf) Stand resilience from fire would be high. The resulting stand would appear open and park like with the primary carrier of the fire being needles and/or grasses. When a fire passes, there may be occasional

torching of bushes or smaller trees in openings where larger trees don't exist, but there would generally be a continuous horizontal and vertical break of the forest canopy, with canopy cover of 40-50%, over light surface fuels.

Treatments:

Hazardous fuel reduction operations will utilize mechanical mastication to remove ladder and surface fuels within the project area. Activities will include mastication of approximately 10 acres of brush and trees to create a fire resilient stand with projected flame lengths of less than four feet for reducing the rate of fire spread, duration, and intensity. The following treatment specifications pertain to the entire treatment area:

- * Only trees 10 inches diameter breast height and under may be masticated.
- * Residual tree spacing shall be between 15 to 25 feet, consisting primarily of the most fire resistant, healthy and vigorous dominant and co-dominant trees from the pre-harvest stand. Should the final stand appear to be reaching the maximum tree spacing, the contractor shall contact the RPF to discuss potential adjustments to the residual stand.
- * The Contractor shall select the highest quality conifer to leave, and then remove all surrounding competing conifers to the designated spacing above. Residual timber (leave trees) shall consist of healthy, vigorous dominant and co-dominant trees with full crowns, having greater than 40% live crown, that are free of defect, and are of the best physical examples of the pre-harvest stand tree species.
- * Surface fuels in the harvest area, including logging slash and debris, low brush, and deadwood, that could promote the spread of wildfire, shall also be treated to achieve the goal of an average of four-foot maximum flame length.
- * Treatment shall include the removal of all dead, diseased, dying, or suppressed trees 10" DBH or under of any species as described above.
- * Conifer retention priority shall be in the following order: sugar pine, ponderosa pine, Douglas-fir, incense-cedar, white fir. Oaks are scheduled for retention.
- * Within the project area, mastication operations are prohibited within the Watercourse Protection Zone of all watercourses and all archaeological sites.
- * Stocking shall be met by retaining 100 healthy, vigorous dominant trees per acre over 4" in DBH for Site III timberlands or 75 square feet of conifer basal area as determined by the RPF.
- * Treatment shall occur on all slopes up to 40%.
- * Contractor shall make every effort to reduce masticated material to an average depth of 6 inches or less.

Desired Stand Conditions:

Fuel conditions (surface, ladder, and canopy) should not contribute to initiating or sustaining a crown fire and should have projected flame lengths of less than 4' in the surface fuels. Stand resilience from fire would be high. The resulting stand would appear open and park-like with the primary carrier of the fire being needles and/or grasses. When a fire passes, there may be occasional torching of brush or smaller trees in openings where larger trees don't exist, but there would generally be a continuous horizontal and vertical break of forest canopy over light surface fuels. There should be less than 20% brush or small trees remaining post-treatment that would contribute to elevating a surface fire into the crowns of the desired leave stand. Occasional patches of small trees and brush may be retained, providing that they do not contribute to the potential of fire laddering into the canopy of the residual stand.

Contract Terms and Timing of Operations:

Operator must be a licensed contractor or California Licensed Timber Operator (LTO), with liability insurance of no less than \$1 million, Worker's Compensation on any and all employees, and liability

insurance on each vehicle utilized for the project. Your bid shall provide details regarding your capacity to complete the project **on or before February 15, 2008**, and the earliest date you can start operations.

Your bid will be reviewed by Registered Professional Forester (RPF) Danielle Banchio, RPF#2808, who will then discuss potential operators with the appropriate PFSC representatives to determine the successful bidder. The RPF and the PFSC reserve the right to reject any or all bids. The winning bidder shall provide details of how they shall conduct operations along with a timeline for operations, to be strictly adhered to.

All operations shall begin by agreement upon contract execution with project completion **no later than February 15th, 2008**. Operators shall work diligently to achieve total project completion as no extensions of this deadline are possible.

Bid Date

The contractor shall provide a lump-sum bid for this project to North Valley Resource Management, PO Box 53, Taylorsville, CA. 95983 **no later than December 24, 2007**. Bids can also be faxed to North Valley Resources at (530)284-1801.

Pre-Work Meeting:

Prior to operations, the contractor shall meet with a North Valley Resource Management representative to discuss operations.

Method of Payment:

The contractor may submit an invoice to the Plumas Corporation twice monthly for work completed. Payment shall be made following confirmation of work completion and acceptance of work by the supervising RPF.

1. Fire Suppression Equipment. Contractor shall have sufficient ability and equipment on site should a wildfire emergency occur. Contractor shall comply with Cal Fire rules (PRC 4428).

Insurance Requirements

Insurance. Prior to rendering services, CONTRACTOR and his/her subcontractors shall acquire, and maintain during the term of this Agreement, at Contractor's sole expense: (1) Workers' Compensation Insurance conforming to the statutory requirements of the state in which operations under this agreement are performed; (2) comprehensive general and automobile bodily injury liability insurance written on an "occurrence" basis subject to minimum limits of \$1,000,000.00 each person and \$1,000,000.00 each occurrence; and (3) general property damage insurance subject to a minimum of \$1,000,000.00 with not

more than a \$10,000.00 deductible each loss; and (4) loggers' broad form property damage insurance of \$1,000,000.00 per occurrence. All liability insurance coverage shall provide that subcontractors working for CONTRACTOR are covered under the terms of CONTRACTOR'S policies. For Contractor performing the burning of piles, such liability insurance shall expressly include coverage for damages incurred for fire escape. All insurance shall meet the approval of Plumas Corporation (PC) and Smailes, and all policies evidencing said insurance shall provide for thirty days' prior written notice to PC and Smailes before cancellation or material change in the policy. A certificate of Insurance showing evidence of insurance coverage as specified herein shall be furnished to PC and/or Smailes prior to commencement of CONTRACTOR's operations.

Pre-Work Meeting:

Prior to operations, the Contractor shall initiate a meeting with RPF Smailes to discuss operations.

Method of Payment:

The contractor may submit an invoice to the Plumas Corporation twice monthly for work completed. Payment shall be made following confirmation of work completion and acceptance of work by the supervising RPF.

Bidding Requirements:

Project Bid

Provide the following in your bid for this project:

1. Break your bid into:
 - A. Small Masticator.....(\$ total cost per hour including mobilization, operator and equipment and overhead)
 - B. Excavator with Masticator Head.....(\$ total cost per hour including mobilization, operator and equipment and overhead)
2. Provide a brief written description how you will perform on the specifications given with a timeline.
3. References. Provide references for hazard fuel reduction oriented work.

Pre-Bid Project Tour

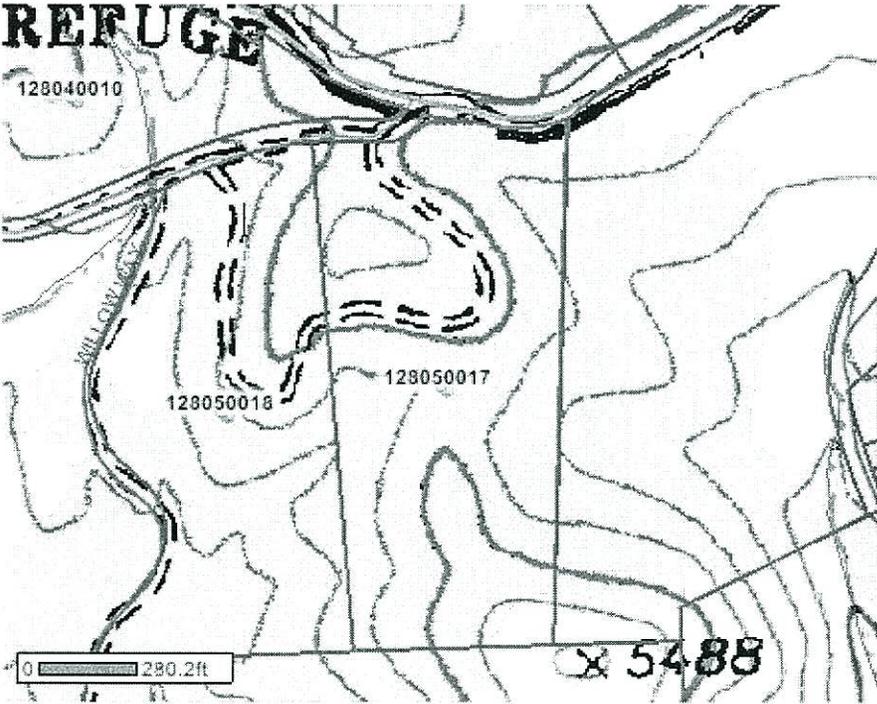
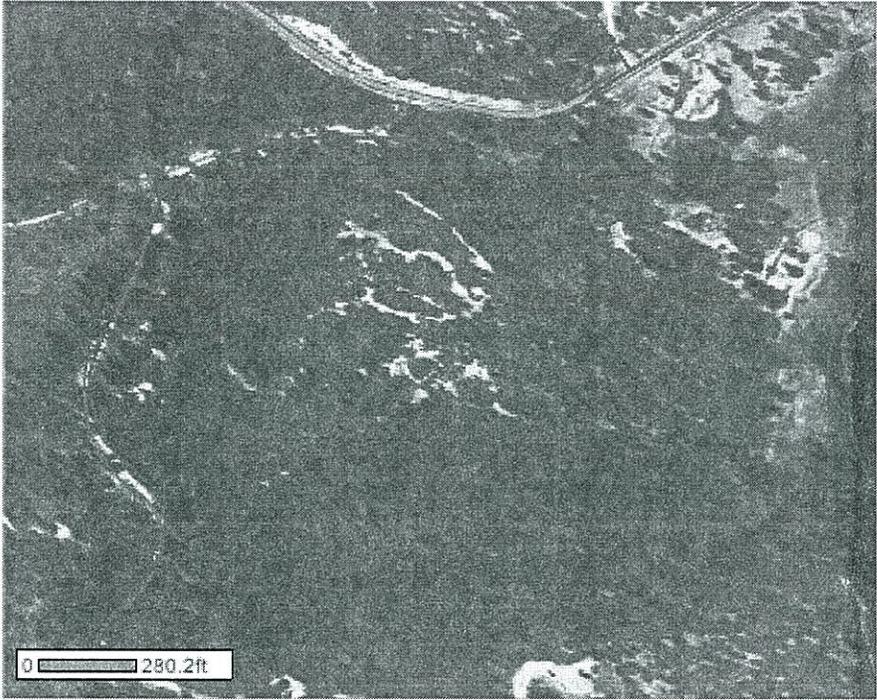
All interested bidders are strongly encouraged to attend the one time Pre-Project bidders' tour. The purpose of this event is to provide project details, objectives and answer all questions regarding operations. The pre-bid tour date is Thursday, April 17, 2008 @ 11:00 a.m., meet at Taylorsville Campground – immediately east of Taylorsville Rodeo grounds (see map).

Bid Date & Where To Send

The contractor shall provide a lump sum bid (divided by the two separate components) for this project no later than Thursday, April 24, 2008 at 5:00 PM. You may mail a bid or email me if you so choose.

Email Bid: joesmailes@yahoo.com

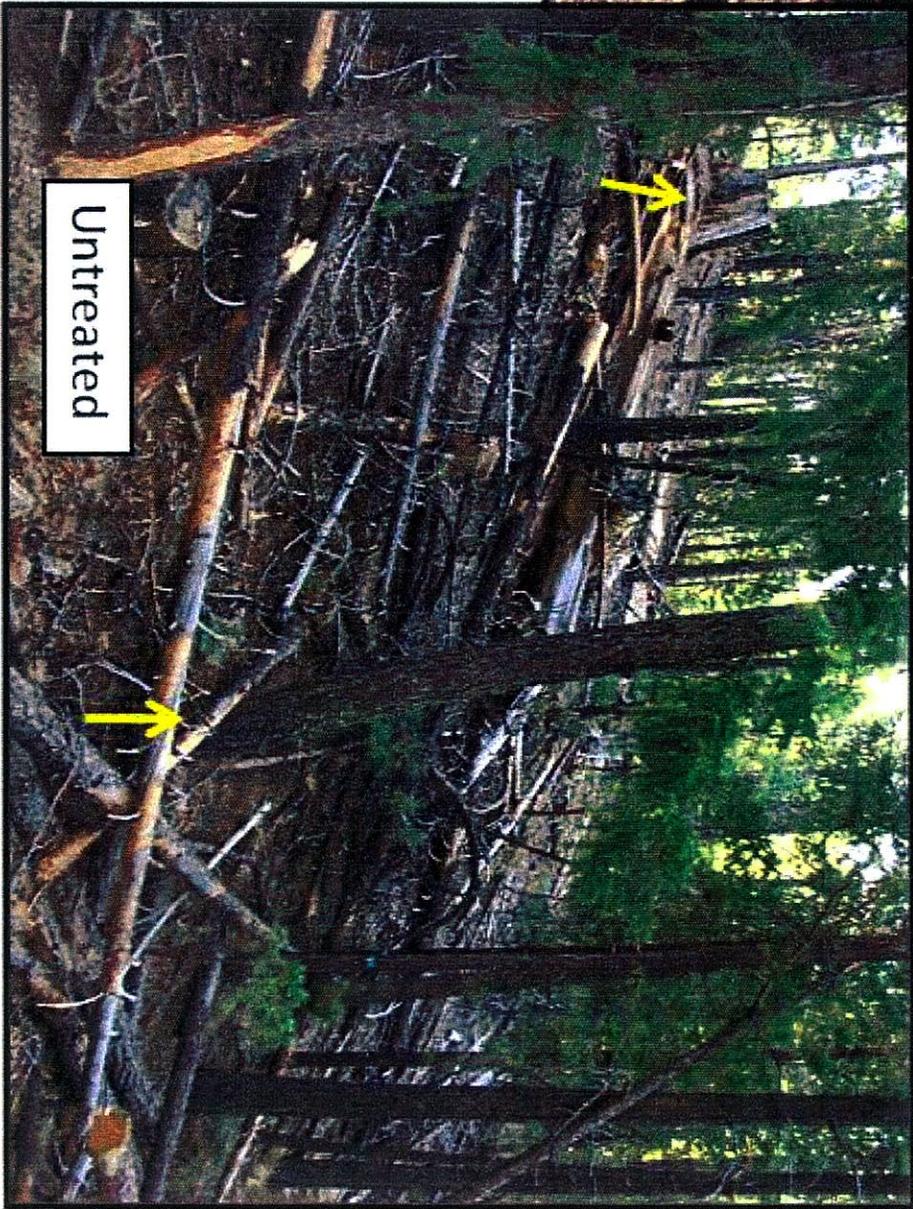
Mail Bid: Plumas Corp.
Attn: John Sheehan
P.O. Box 3880
Quincy, CA 95971



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Fire Safe Council
Grizzly Creek HFR
SOG 2008**

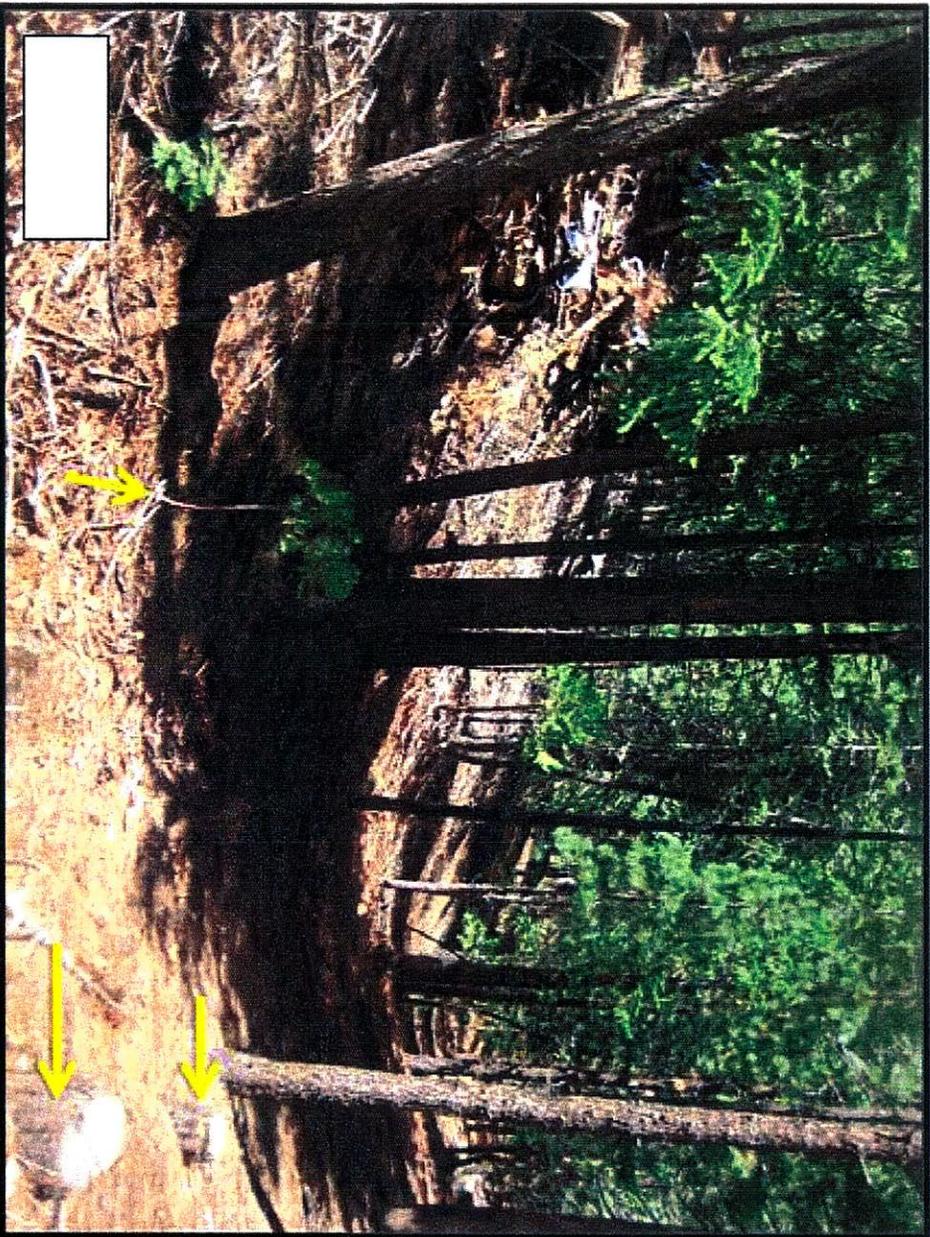


Hand Piling 1

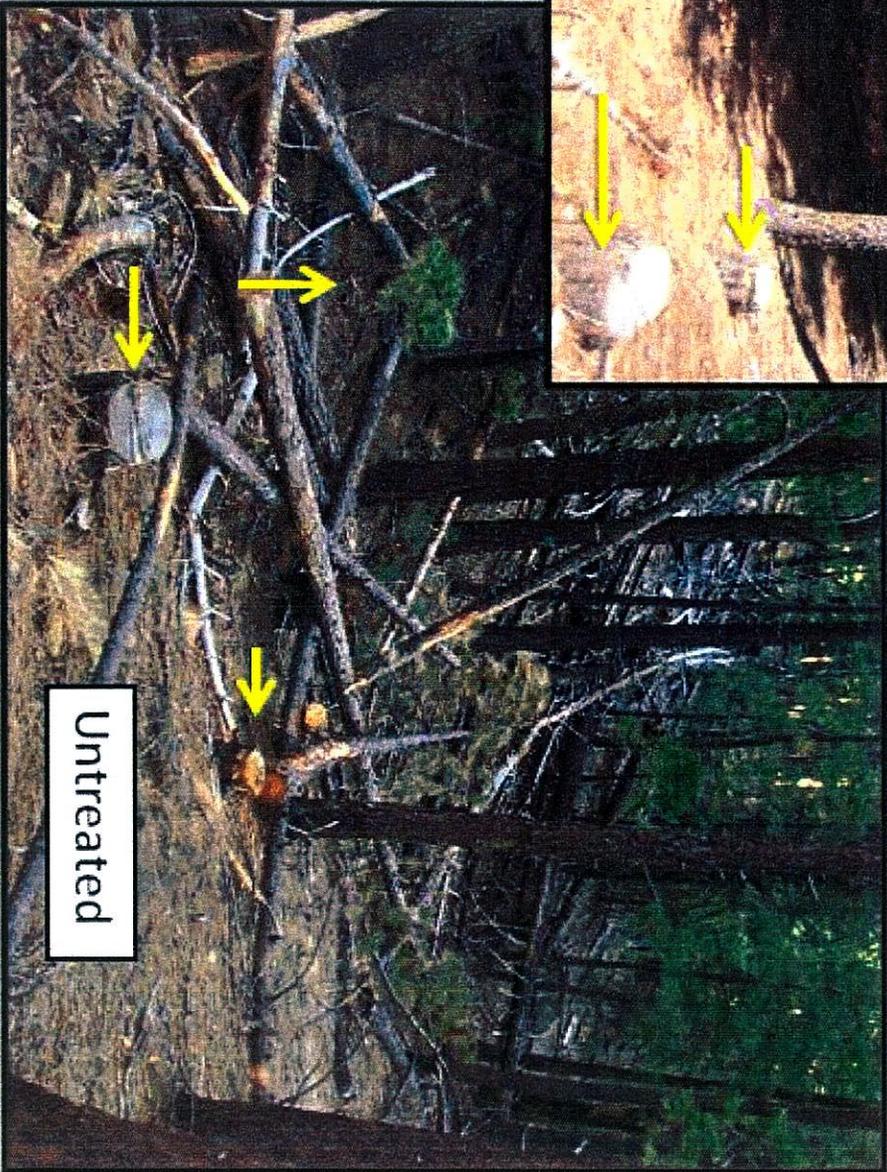


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Grizzly Creek HFR
SOG 2008**



Hand Piling 2



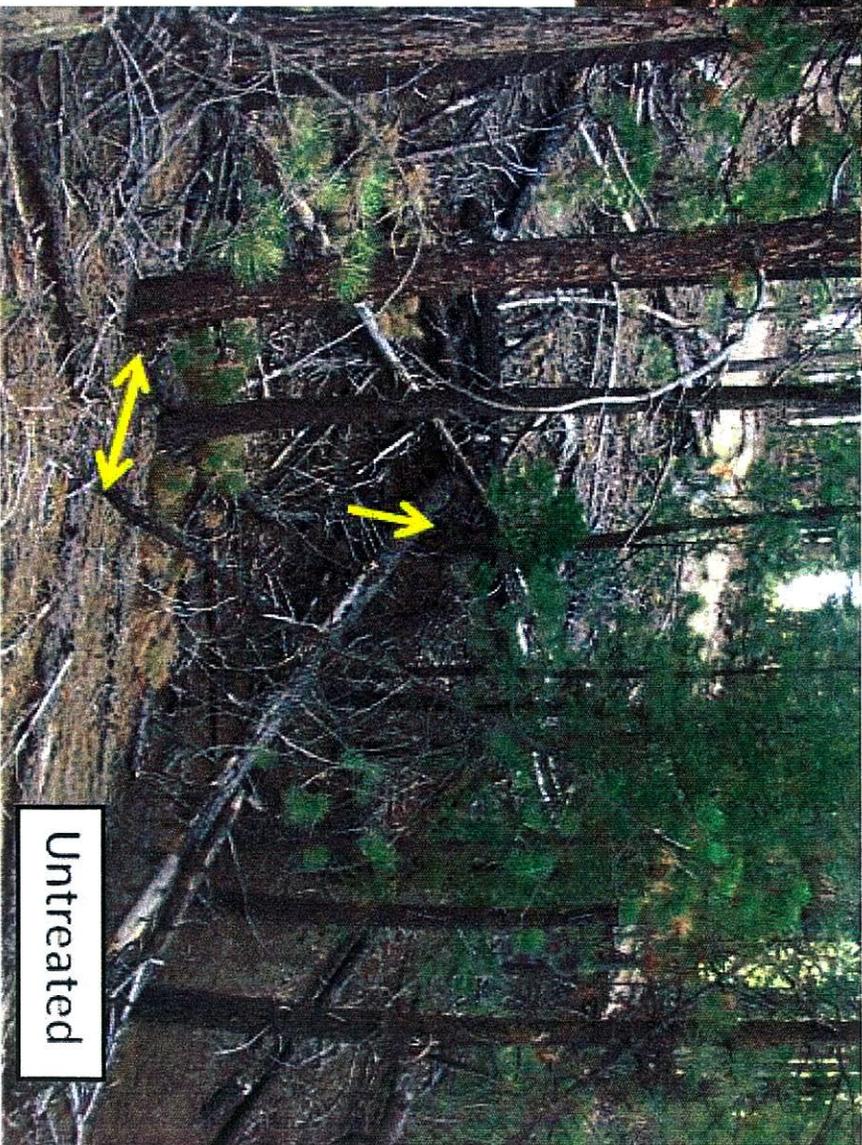
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Hand Piling 3



Untreated

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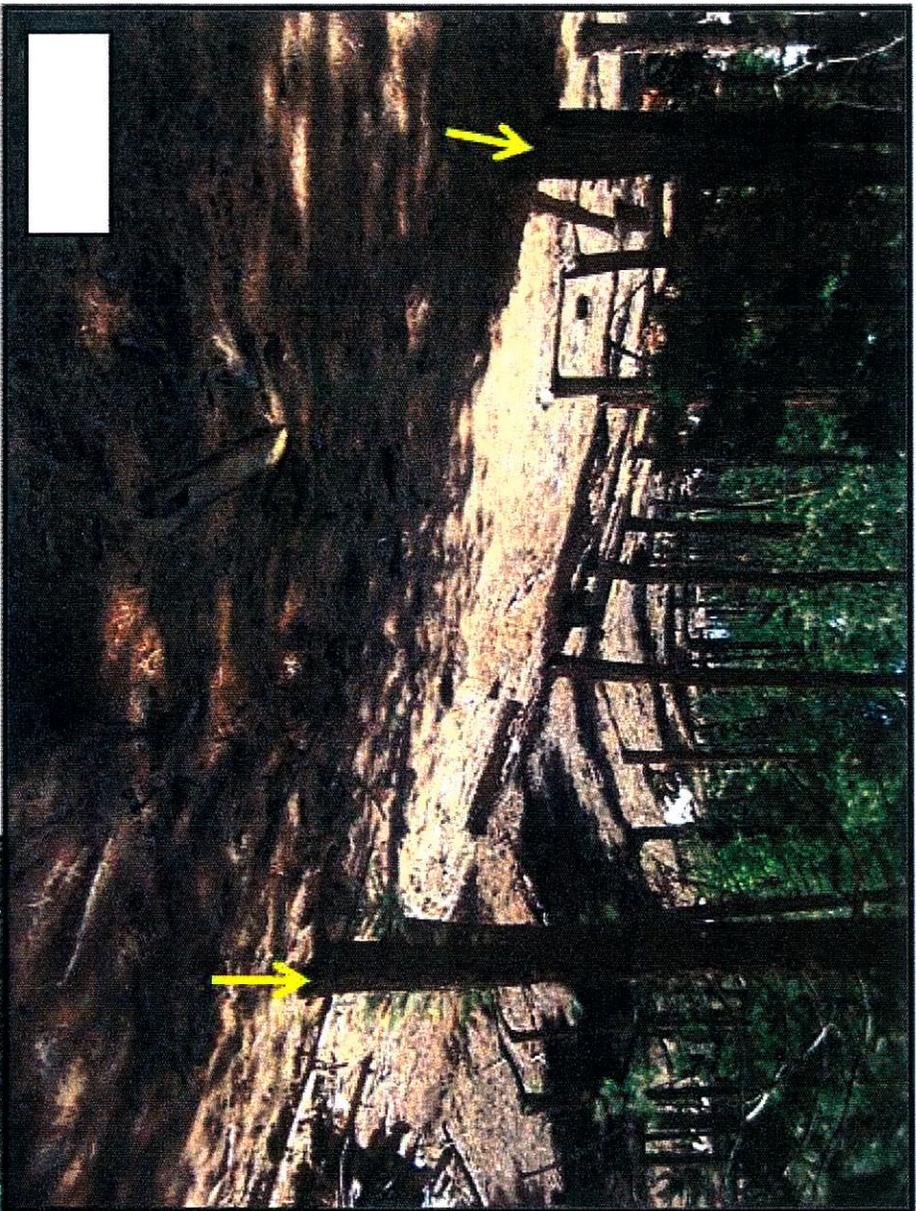
**Plumas County
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SOG 2008**

Hand Piling 4

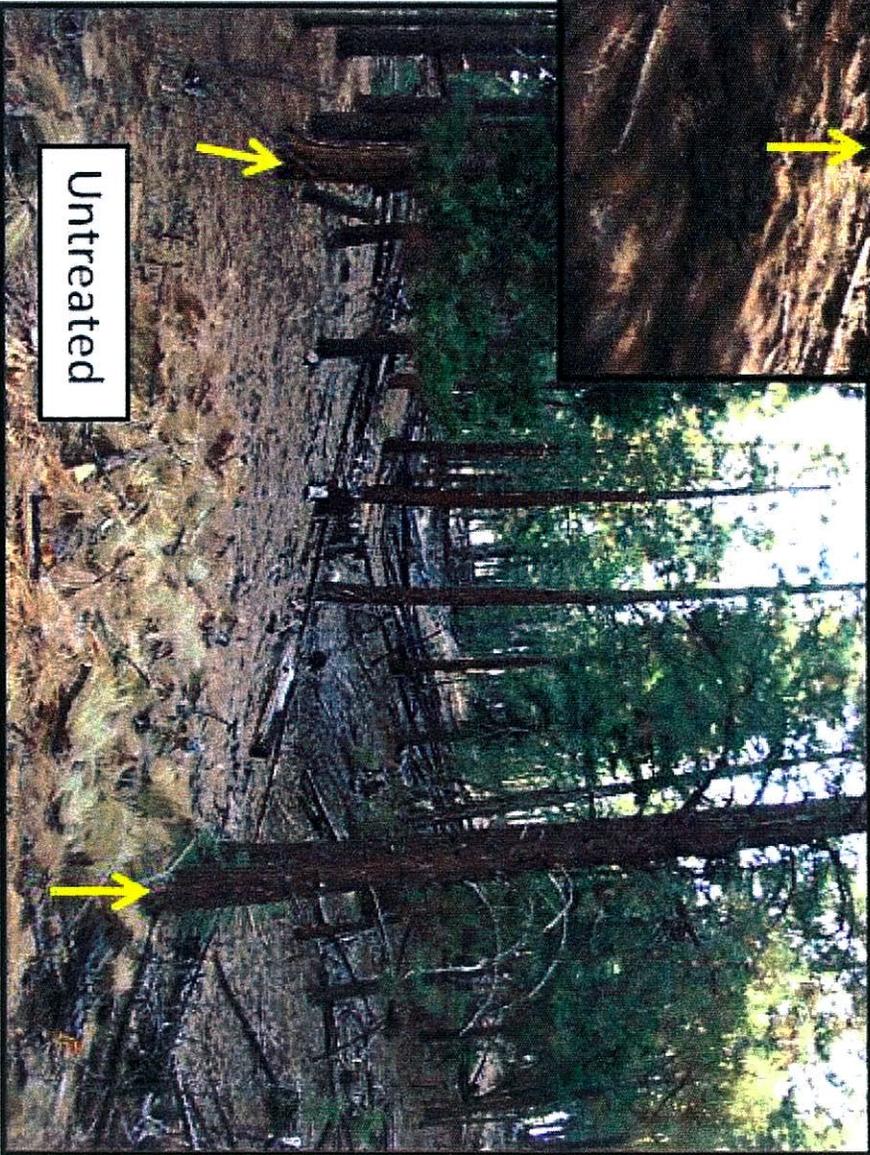


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Grizzly Creek HFR
SOG 2008**



Hand Piling 5

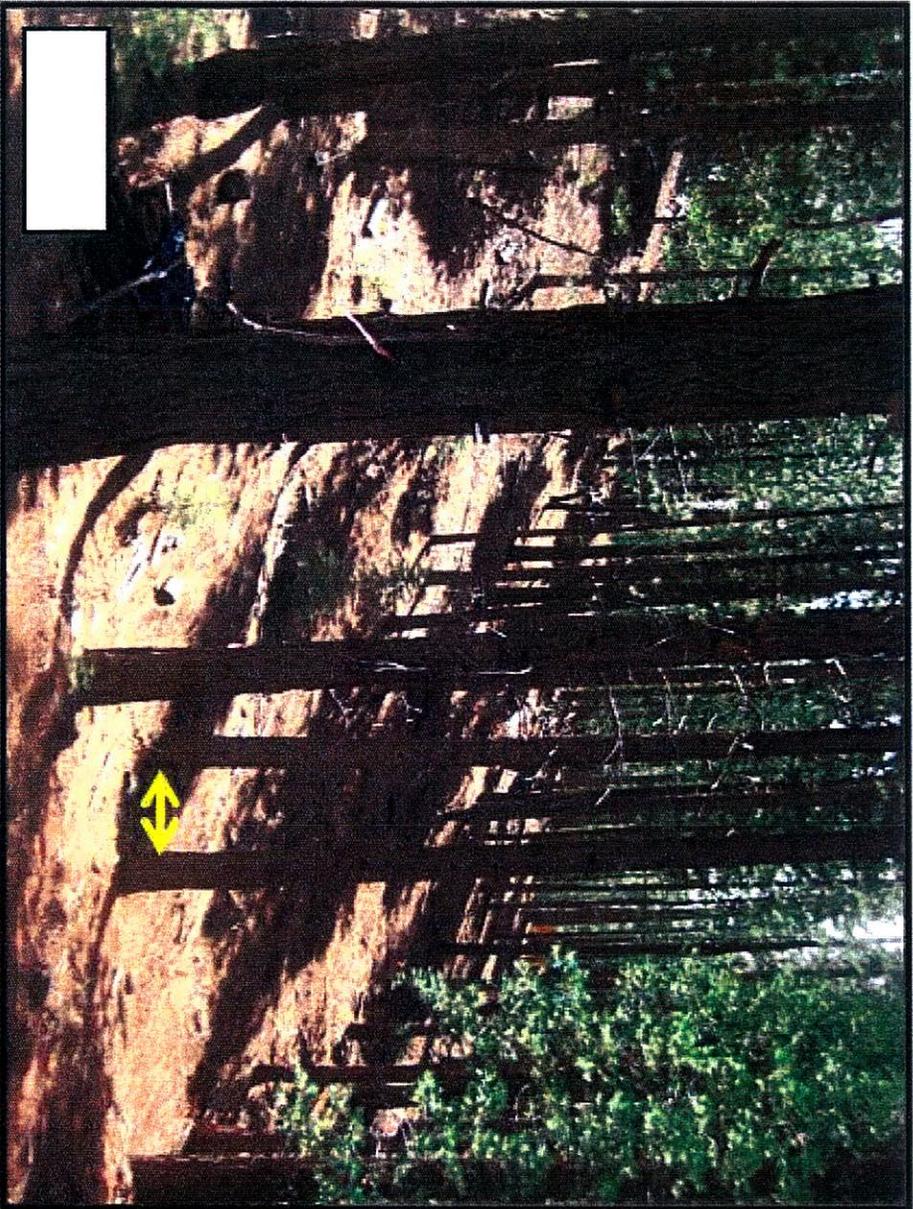


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Grizzly Creek HFR
SOG 2008**



**Hand Piling
& Mastication**



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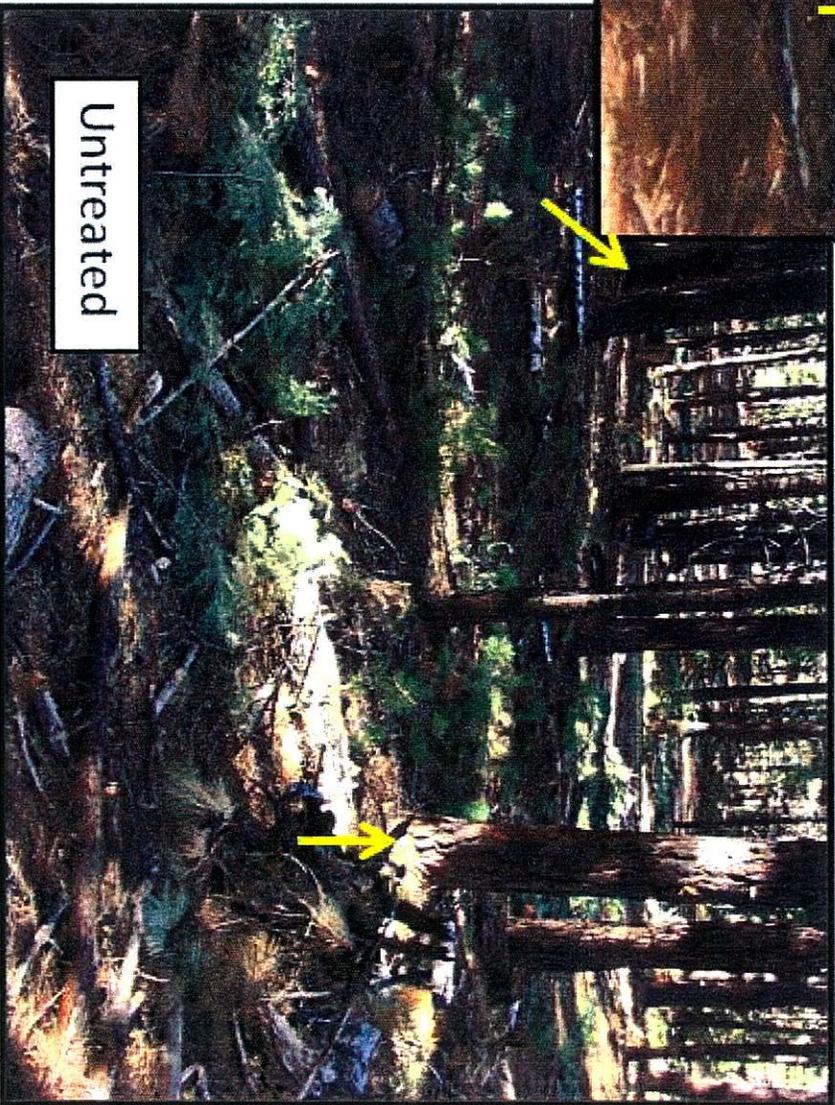


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Mastication 1

*Plumas County
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SOG 2008*



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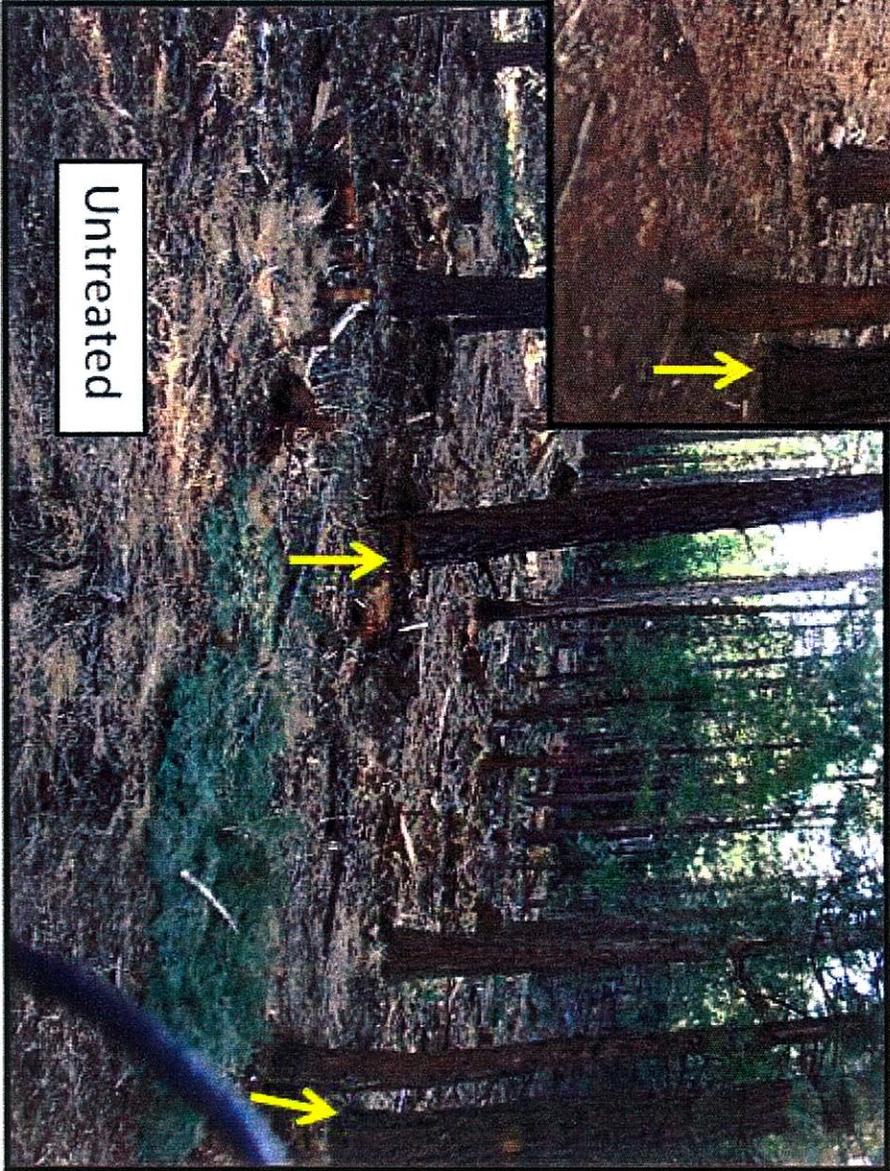


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Mastication 2

**Plumas County
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Grizzly Creek HFR
SOG 2008**



Untreated

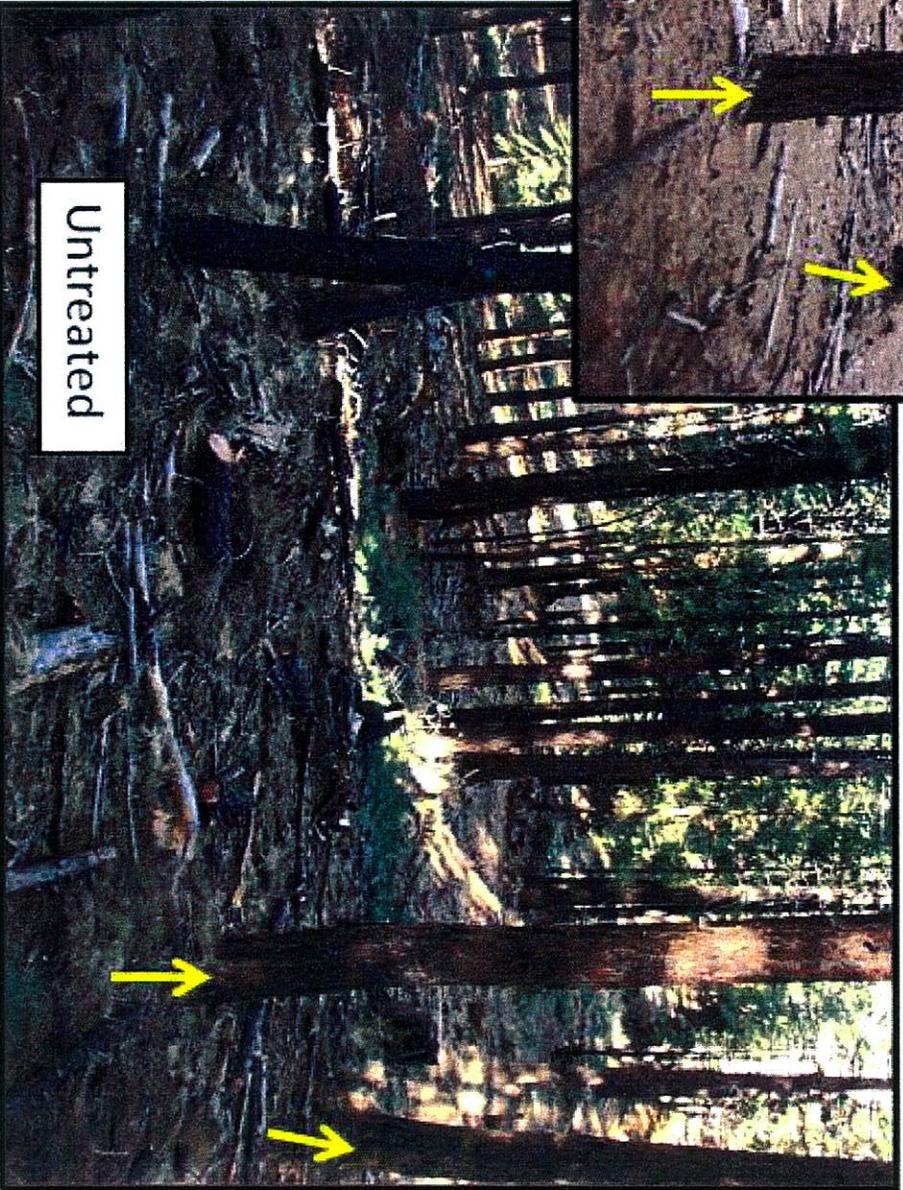


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Mastication 3

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Untreated



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[Redacted]

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