United States
Department of
Agriculture

Forest Service

Shasta-Trinity
National Forest

South Fork Management
Unit

Donna F. Harmon
District Ranger

Mark Arnold
Trinity Side
Archaeologist
September 2006

TEN FLAT
TIMBER SALE

TRINITY COUNTY
CALIFORNIA
ARCHAEOLOGICAL RECONNAISSANCE REPORT (ARR)

DESCRIPTION OF UNDERTAKING AND AREA OF POTENTIAL EFFECT (APE) -
This project will treat approximately 103 acres of forest land within the Commercial Wood Products Emphasis. Approximately 39 acres of Riparian Management will have some treatment or no treatment depending on the amount of vegetation and fuel loading present. Approximately 3 acres of meadow enhancement and another approximately 2 acres of stream enhancement between two meadows are included in the riparian area.

Reduce excess vegetation and excess fuel loading on approximately 103 acres by the intermediate thinning of merchantable conifers, the thinning of submerchantable vegetation, and the salvage cutting of dead, dying, down, or diseased trees. Approximately 5.1 acres would be harvested by cable, approximately 3.2 acres by endlining, and approximately 94.7 acres by tractor. Within the tractor areas, there would also be some limited endlining where the slopes are greater than 35% or from other areas where equipment is restricted.

Reduce excess vegetation and excess fuel loading only where it is appropriate on approximately 34 acres of riparian reserves by the thinning of submerchantable vegetation and the intermediate thinning of merchantable conifers only where the trees can be easily removed by endlining.

Remove by tractor where it is permitted or by endlining all ponderosa pine, sugar pine, and Douglas-fir trees under 24” DBH from within 50 feet of existing meadow edges, except where that vegetation is within seeps or springs, specifically on the uphill edge of meadow 1 and between meadows 3 and 4. Remove by tractor where permitted or by endlining all ponderosa pine, sugar pine, and Douglas-fir trees under 24” DBH from within one tree height (approximately 75 feet) of the stream channel between meadows 1 and 2. Retain all cedar and deciduous trees from these areas. Retain all snags within these areas that are not a threat to public safety. Retain logs to existing standards and guidelines within these areas, and any additional logs or standing trees needed to meet CWD (coarse woody debris) recruitment within the riparian area between meadows 1 and 2. Place CWD as needed in the stream channel between meadows 1 and 2. Repair the downcutting in meadow 1. Remove the fencing in meadow 3. The treatments related to meadow and riparian enhancement cover 5 acres of riparian reserves.

Fall all hazard trees that have the potential to hit the road and remove only those hazard trees that are not needed for large woody debris or other resource requirements.

Refer to the project map for the locations of each unit.

Specific project design features (Attachment A), specific design features for riparian reserves (Attachment B), and applicable Best Management Practices (Attachment C) are included in the appendix.

Project Location:
The APE for the Springtime Thinning, Meadow Improvement, and Fuel Reduction project lies within the Middle Hayfork Creek 5th field planning watershed on the Hayfork Ranger District, South Fork Management Unit, of the Shasta-Trinity National Forest. The project includes acreage in Township 31 North, Range 12 West, Sections 29-32, Mount Diablo Meridian.

REVIEW OF EXISTING INFORMATIONAL NEEDS - The site atlas for the Hayfork Ranger District was checked for recorded sites in or adjacent to the APE. In addition, the
management unit’s cultural resource files were checked for any historical information that would pertain to the undertaking area.

Within the planning area for 10 Flat there are three previously recorded sites that are either eligible to the National Register or have an indeterminate status these are:

- 05-14-52-326 Tule Creek Deerwood
- 05-14-52-340 Tule’s Blank Quarry Site
- 05-14-52-366 Tules Tricanabasin

Two sites 52-366 and 52-326 are partially within two of the proposed units. These sites will be flagged and avoided following the standard resource protection measures in the section 106 PA.

FIELD SURVEY - Approximately 213 acres were surveyed for this undertaking. Previous surveyed ground totaled 274 acres. All units within the proposed sale were intensively surveyed. Where heavy duff cover obscures the surface random one by one meter patches were scrapped to mineral soil.

Although survey work concentrated on ground associated with proposed harvesting units and new roads, additional ground was surveyed during this project when convenient. There are several previously recorded lithic quarry sites in the planning area. Because of this additional survey was done examining likely looking chert outcrops.

FINDINGS - One new site was found Named Springtime Chert Quarry. This site is partially within a tractor unit. It will be flagged and avoided following the standard resource protection measures in the section 106 PA. Following the protective measures and because no other archaeological properties were found in or adjacent to the APE’s, I feel this undertaking will have no effect on National Register Properties.

NAME _________________________________________ DATE ______________________

TITLE: Trinity Side Archaeologist

DUTY STATION: South Fork Management Unit, Shasta-Trinity National Forest