Fire Use
On The
Hoopa Valley Indian Reservation

Kevin Lane,
Fire Management Officer
Hoopa Valley Tribe
Presentation Outline

• Burn Preparation
• Implementation
• Accomplishments
Tribal Forestry Burn Preparation

- Project Design
- Funding- Tribal or Grant
- NEPA- Categorical Exclusion or Environmental Assessment
- Notification
- Burn Plan Preparation
Project Design

Wildland Urban Interface

Fuels Reduction

Cultural

Timber Sale
Funding

- Tribal funds are normally associated with a timber sale and funds are for specific area and limited.
- Grants can come from different agencies and may have several practices that need to be implemented prior to being reimbursed for the project. Some grants require matching fee anywhere from 25% to 50%.
National Environmental Policy Act
NEPA

• Categorical Exclusion (CATEX)- short time to prepare, 1-2 days and can be approved within 30 days.
• Environmental Assessment (EA)- up to 6 months to prepare and can be approved within 45-90 days.
• Compliance- Forest Management Plan/Fuels Management Plan.
Notification

• Public Awareness- advertise through local media and public/membership meetings.
• Cultural Committee
Burn Plan Preparation

- Burn plan consists of 21 elements:
  - Signatures
  - Ignition Authorization
  - Complexity Analysis Summary
  - Description of Prescribed Fire Area
  - Objectives
  - Funding
  - Prescription
  - Scheduling
  - Pre-Burn Considerations
Burn Plan Preparation continued

- Briefing
- Organization and Equipment
- Communications
- Public and Personnel Safety, Medical
- Test Fire
- Ignition Plan
- Holding Plan
- Contingency Plan
- Smoke Management and Air Quality
- Monitoring
- Post Burn Activities
Prescribed Fire Treatment Areas

**Urban Zone**
- Wildland Urban Interface
- View shed
  - Fuels Reduction
  - Cultural Burning
- Forest
  - Timber Sale Fuels Treatment
  - Cultural Burning
  - Shaded Fuel Break
Tribal Forestry Burn Implementation

- Site Preparation
- Notifications
- Scheduling
- Priorities
- Available Resources
- Test Burns
Wildland Urban Interface/Urban Zone Treatment and Burn Type
Prairie Restoration in the Urban Zone
Cultural Restoration Projects

Fuel Loading Before Treatment

Fuel Loading After Treatment
Cultural Restoration Projects continued

Pile Burning

Pile Burning Completed
Area Hand piled By Crews

Hazel Improvement burn

Cultural Restoration Projects continued
Hazel Enhancement
Hazel Fuels Reduction

Mechanical Treatment on 106 acres
Prescribed Burning on 66 acres

Hazel Camp Pre-Burn

Hazel Camp Under burn
Implementation
Beargrass Enhancement
Site Preparation Treatments:

- Cutting
- Piling
- Chipping
- Fire Line Construction
- Burning
Tribal Community Fuels Project

Objectives:

Restore recreation area to a functional state.

Remove Hazardous fuels and noxious plants, such as Poison Oak.
Timber Sales

[Image of forest fire burning trees]

[Image of clear, unburned forest with tall trees]

[Note: The images depict the contrasting scenarios of active forest fires and unburned forest.]
Site Preparation Methods

- Sub-merch falling
- Fire Line Construction
- Tractor Piling
- Burning
Other Burns
Burn Program Justification

- 177 Acre Arson Fire
- Started Sept. 21, 2002
- Suppression Costs: $1.1 Million
- $6,200 per acre
- Resource Losses Not Included
Supply Creek 13 Fire

- 411 Acre Arson Fire
- Started August XX, 2002
- Suppression Costs: $1.4 Million
- $3,400 per acre
- Rehabilitation Costs: $88,500
- Timber & Resource Losses: $3-4 Million
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Program Goals 2014

Complete 300-500 acres of site preparation.
Complete 150 acres cultural burning.
Complete 100-500 acres of fuels reduction burning.
Complete 300-500 acres of timber sale burning.
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