

Fire Use On The Hoopa Valley Indian Reservation

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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



Cultural



Fuels Reduction



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

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- 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

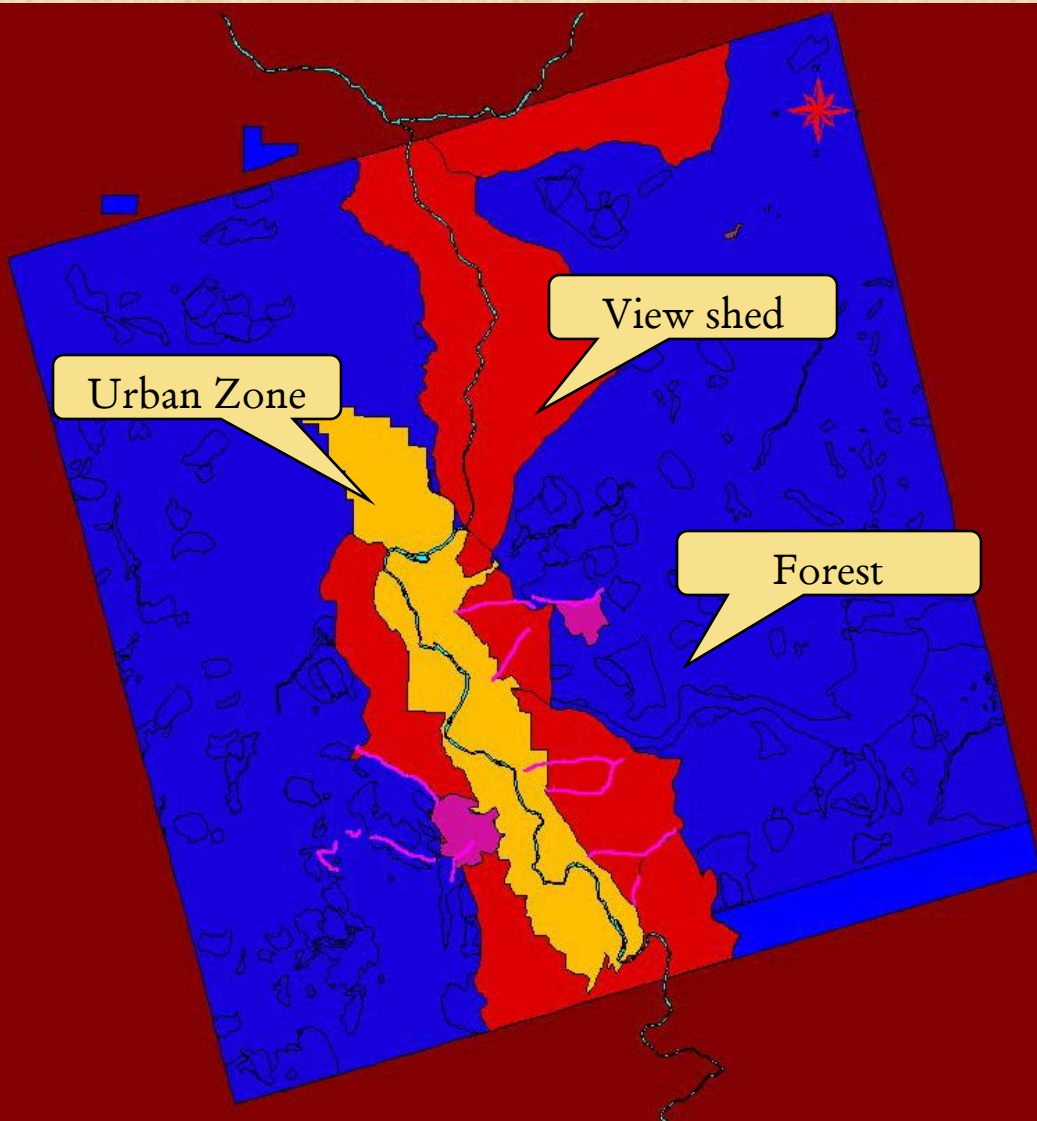


- Burn plan consists of 21 elements:
 - Signatures
 - Ignition Authorization
 - Complexity Analysis Summary
 - Description of Prescribed Fire Area
 - Objectives
 - Funding
 - Prescription
 - Scheduling
 - Pre-Burn Considerations

Burn Plan Preparation continued

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- 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

Cultural Restoration Projects continued



Pre-Treatment Condition



Area Hand piled By Crews



Hazel Improvement burn

Hazel Enhancement





Hazel Camp Pre-Burn

Hazel Fuels Reduction

Mechanical Treatment on 106 acres
Prescribed Burning on 66 acres

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



Site Preparation Methods

- Sub-merch falling
- Fire Line Construction
- Tractor Piling
- Burning





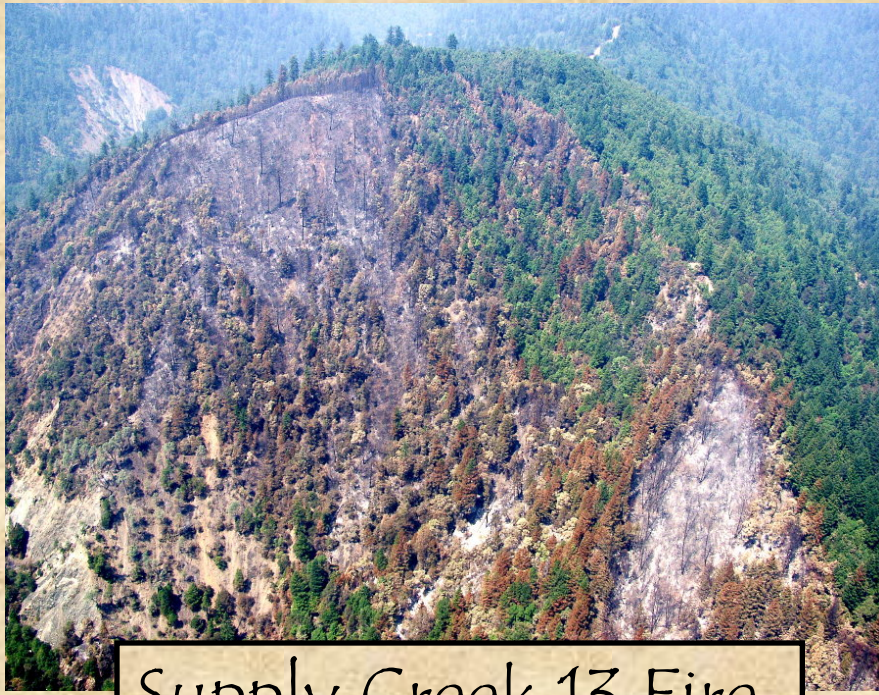
Other Burns



Burn Program Justification



- o 177 Acre Arson Fire
- o Started Sept. 21, 2002
- o Suppression Costs: \$1.1 Million
- o \$6,200 per acre
- o 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

Forestry Burn Program 2013 Accomplishments



Project	Mechanical Treatment	RX Burn
Timber Sales	300	300
Beargrass	15	15
Hazel	66	66
Fuel Breaks	75	0
WUI	300	26
Wildlife Enhancement	26	52
Total	782	733

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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