

93

## REHABILITATION PLAN

TRICK INCIDENT      AZ-COF-037  
PEAKS RANGER DISTRICT, COCONINO NATIONAL FOREST  
JUNE 30, 1993

### Purpose And Need

Constructed lines and intensely burned areas. Soils within the Trick burn area are derived from basalt parent material; soil depth is moderate. Although soil erosion hazard is slight for these soils on gentle topography, rehabilitating the tractor and hand lines used to contain the Trick fire and seeding the intensely burned areas are needed to reduce accelerated sheet and rill erosion anticipated on areas devoid of vegetative ground cover. Approximately 7.0 miles of dozer and hand lines were constructed for control of the Trick fire. Rehabilitation and revegetation of the lines will also prevent the lines from becoming an unnecessary part of the transportation system in the future.

The intensity of the Trick burn varies throughout the area, with approximately 100 acres (of 346 acres) burned at an intensity that requires broadcast seeding to help provide soil stability, reduce soil erosion, and improve organic matter and nutrient cycling.

Incident Camp. Minimal ground impact occurred in the Incident Camp area from camping by crews and overhead personnel, vehicle driving, and facilities set-up. Vehicular traffic was confined to existing roads and facilities were set-up adjacent to these road. Little short-term and no long-term negative impact is noted.

Range structures. Some damage was also sustained to the range fencing in the area when the fire burned fence stays and fences were cut four (4) times to allow the dozer access to the fire area; this damage will be repaired as part of the area rehabilitation.

Cultural resources. No undocumented cultural resource sites were located by the Incident Para-archeologist during a survey of the firelines, fire area, and Incident Camp. During line construction, the dozer bosses and line crews avoided all previously flagged sites; one potentially historical basalt windrow on the south end of Division A was partially obliterated by the dozer line.

Two sparse lithic (obsidian) scatters adjacent to the north side of the 9001M road within the Incident Camp were located during a systematic survey of the camp area. Also noted was one historic railroad spike adjacent to the 9001M road. Little disturbance to these sites was noted from activities related specifically to the Incident Camp.

### Actions Needed

Tractor line. All dozer lines will be water barred and the berm pulled or smoothed to facilitate proper drainage. Water bars will be angled at approximately 20o to 30o, and drainage will lead into well vegetated areas where possible. On moderate slopes water bars will be spaced approximately every 75 feet. Spacing should decrease to 40 feet on steeper slopes. Where tractor line is near existing roads, water bars or debris will be used to discourage unwanted vehicle traffic.

Work on the tractor lines will be completed by personnel and equipment assigned to the Trick fire if possible. If these resources are not available, the Peaks District dozer will complete the necessary rehabilitation of the tractor lines.

Avoid all flagged cultural resource sites and features adjacent to and within the fire perimeter and control lines.

Seeding tractor lines and intensely burned areas. The following native/non-native grass seed mixture will be applied at a rate of 7lbs/acre on all tractor line and concentrations of ash indicating intensely burned areas:

- 25% smooth brome
- 30% western wheatgrass
- 35% tall wheatgrass
- 5% small burnette
- 5% yellow blossom sweetclover

This seed mixture is generally available on short notice. Seed will be applied using a quadra-trac ATV by Peaks Ranger District personnel. ATV operators will avoid all flagged cultural resource sites to avoid disturbing the ground.

All seeding will be coordinated with the Peaks Ranger District to avoid area that may/will be replanted with ponderosa pine. Seeded grasses would directly compete with and restrict growth of ponderosa pine seedlings.

Camp site. Minimal rehabilitation will take place in the Incident Camp area. All trash will be picked up and any other materials/equipment associated with fire camp activities will be removed. Little or no reseeding will take place because human and vehicular impact was minimal. The area adjacent to the underground gas line where crew buses were parked during the Incident will be reseeded after the area is no longer being used.

Range structures. Holes in the fences will be repaired and all damaged fence stays will be replaced. Work will be completed by the Peaks Ranger District range crew. No ground disturbance will take place; therefore, there will be no impact to cultural resource sites.

Prepared by:

George T. Robertson for  
Jeff Hink, Field Observer/

7-1-93

Date

Approved by:

Clyde Thompson, District Ranger

Date

Approved by:

Jim Bedlion  
Jim Bedlion, Incident Commander

7-1-93

Date

INCIDENT STATUS SUMMARY											
1. Date	Time	2. Initial	Update	Final	3. Incident Name	4. Number					
6/29/93	2100			X	TRICK	P32481					
5. Incident Commander	6. Jurisdiction	7. County	8. Type Incident	9. Location	10. Started						
JIM BEDLION	USFS	COCONINO	WILDFIRE	COCONINO NF	6/29/93						
11. Cause	12. Area Involved	13. % Contained	14. Expected Containment	15. Est. Control	16. Declared Controlled						
UNDER INVESTIGATION	400 + ACRES	60%	Date 7/01/93 Time 1800	Date 7/03 Time 1800	Date						
17. Current Threat: ENDANGERED PLANT (POTENTILLA SPP.), GOSHAWK HABITAT						18. Control Problems- LOGGING SLASH ERRATIC HIGH WINDS, SPOTTING					
19 Est. Loss	20. Est. Savings	21. Injuries	Deaths	22. Line Built	23. Line To Build						
0	0	0	0	204 CHAINS	136 CHAINS						
24. Current Weather		25. Predicted Weather		26. Cost To Date		27. Est. Total Cost					
WS 5-10 MPH 65 DEG		WS 20-30 MPH 88 DEG									
WD ALL RH=25%		WD SW RH = 10%		\$ 104,500		\$ 300,000					

28. AGENCIES															
29. RESOURCES		USFS	NPS	AZS	BIA	PVT									TOTALS
kind of resource		SR	ST	SR	ST	SR	ST	SR	ST	SR	ST	SR	ST	SR	ST
ENGINES		6												6	
DOZERS		2												2	
CREWS		4												4	
HELICOPTERS		2												2	
AIR-TANKERS		1												1	
TRUCKS COS.		0												0	
RESCUE/MED.		0												0	
WATER TENDERS		2												2	
OVERHEAD PERSONNEL		39		4		1				2				46	
TOTAL PERSONNEL		165		4		1				2				172	

30. Cooperating Agencies:

COF, KNF, TNE, PNE, AZS, AZS, NPS, AND DPS.

31. Remarks:

PLUS ONE LEAD PLANE

32. Prepared by	33. Approved by	34. Sent to: SWCC
/S/ AL HENDRICKS	/S/ ART MATTHIAS	date time by FLZ CORD
		6/29/93 2235 AMOS COOCHYOMA
		5100-11 (ICS209)

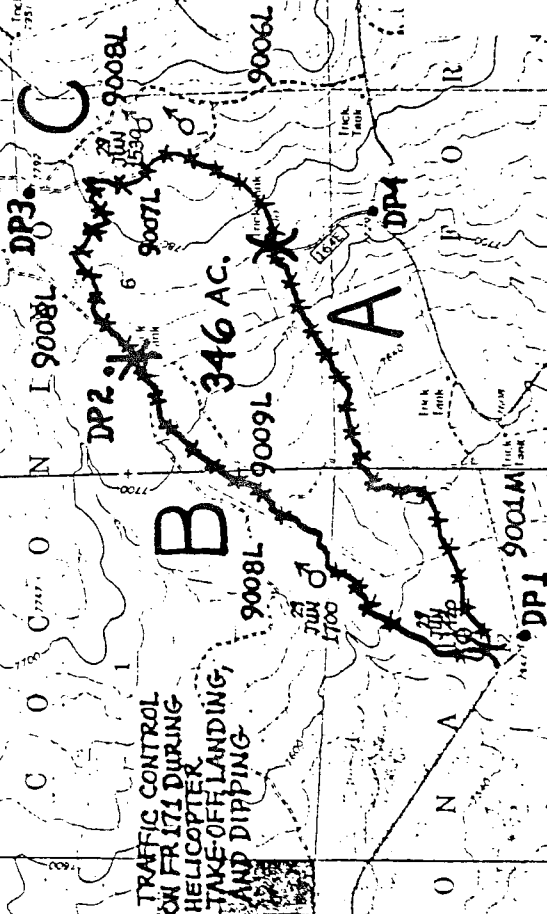
Day Shift  
7/2/93

# TRICK FIRE

## INCIDENT MAP & TRANSPORTATION PLAN

TRAFFIC CONTROL  
ON FR 171 DURING  
HELICOPTER  
TAKE-OFF/LANDING,  
AND DIPPING

H-1



### LEGEND

- Incident Command Post
- Base Camp
- Fire Origin
- Uncontrolled Fire Edge
- Dozer Line
- Hand Line
- Division Break
- Drop Point
- Spot Fire
- Helispot



SCALE: 2 INCHES = 1 MILE

1730"