

Suppression Rehabilitation Guidelines Murphy Complex

DOZER LINES

General Discussion: Rehabilitation of suppression constructed "Dozer Lines" is necessary to avoid excessive soil erosion and restore natural landscape surface water flows. Rehabilitation will also serve to restrict unintended/undesired access by 4 wheeled drive and "All Terrain Vehicles" (ATV's), provide for re-establishment of pre-incident road closures where affected by Suppression access needs.

- Pull all berms back in preparation for seeding. (Seeding will be implemented by Local Unit)
- Close dozer line with berm to prevent unauthorized off-road vehicle use.
- WSA- All treatments within the WSA must be conducted to the extent feasible in a manner that will not impair wilderness suitability; (1) Dozer and hand line rehabilitation will utilize minimum mechanized/tool methods; (2) Reseeding and planting will utilize species native to the area; (3) Signing will be placed at WSA boundary points indicating "Closed Route" on suppression constructed dozer/hand lines.
- Waterbars: Waterbars will be constructed on all dozer line with slope greater than 15%
 - Waterbars should be skewed horizontally from the fall line of the slope (not the dozer line) approximately 15 to 20 degrees from horizontal and drained away from the fire burned area if possible.
 - Utilize natural rolls and dips whenever possible

HAND LINES

General Discussion: Rehabilitation of suppression constructed "Handlines" is necessary to avoid erosion that would result in gullies and to restore natural landscape surface water flows. It is also necessary to help disguise the dozer lines to minimize visual impacts to the Wilderness Study Area.

- Use hand tools or chainsaws only on handlines, not dozers or excavators.
- Trenching (if any) should be filled in and the hand line restored to blend with the undisturbed soil contours. Berms, topsoil, and organic matter should be pulled back onto the hand line. Green trees/branches, dead limbs and cut downed logs are to be re-scattered onto the hand line to obliterate evidence of the line as much as practical.
- Waterbars should be skewed horizontally from the fall line of the slope (not the hand line) approximately 15 to 20 degrees from horizontal and drained away from the fire burned area if possible.

- Utilize natural rolls and dips whenever possible.
- Waterbar spacing is based on the following table depending upon slope and soil susceptibility to erosion with waterbar spacing decreasing on steeper slopes:

Trail/Fireline Gradient	Spacing of Water Bars	
	Erodibility of Soil on Fireline	
	Medium (M)	High (H)
Less than 15%	200'	150'
15% to 30%	100'	75'
30% to 45%	65'	50'
Steeper than 45%	30'	25'
*Water Bars shall be put in by hand (no bulldozers on handlines) *These are minimum standards and are not intended to restrict the implementation of more water bars if the need is justified and approved in this plan.		

FENCE REPAIR GUIDELINES

- Repair fences where they have been cut. Splice together, on bottom strands splice together using smooth wire.
- There is no need to repair interior fences, which were burnt by the fire, and have been cut. Only repair fences that will not need replacement.

SAFETY ZONES, STAGING AREAS AND SPIKE CAMPS

- Pull berms if possible and scatter brush over exposed soil.
- Remove all trash, flagging, and signs.

GENERAL REHABILITATION GUIDELINES

- Backhaul all trash and remove flagging, equipment, and signs.
- Leave all cultural resource artifacts in place.

- Any contaminated soils from fueling operations should be removed. Any spills that are too large for removal with hand tools should be identified to the Jarbidge Field Office.
- Any dozer line within riparian areas should have the berms pulled back and leveled (recontoured) outside of the flood prone area (high water line) for the stream.
- Equipment used for fire suppression and support should be washed prior to departure to reduce the potential to spread weeds to other fire incidents. The wash location will be identified on a map and given to the local unit prior to team demobilization.
- Any ground disturbing activities that occurred in riparian areas due to suppression efforts should be rehabilitated to their original contour in preparation for seeding with approved BLM seed mixes. Seeding to be handled by local unit.