

Obstruction Removal (acre)

Definition

Removal and disposal of unwanted, unsightly or hazardous buildings, structures, vegetation, landscape features, trash, and other materials.

Purpose

To safely remove and dispose of unwanted obstructions and materials in order to apply conservation practices or facilitate planned use of abandoned mine lands, farms, ranches, construction sites, and recreation areas.

Scope

This standard applies to removal and disposal of all types of obstructions and materials that prevent or hinder installation of conservation practices or present a hazard to their use and enjoyment.

Conditions where practice applies

On land where existing obstructions interfere with planned use and development.

Planning considerations

Water Quantity

1. Effects upon components of the water budget, especially effects on volume and rates of runoff, infiltration, evaporation, transpiration, deep percolation, and ground water recharge.

Water Quality

1. Effects on the visual quality of downstream water resources.

2. Short-term and construction-related effects on the quality of water resources.

3. Potential uncovering or redistributing toxic materials such as saline soils.

Design criteria

Rocks, piles, boulders, stones, fences, hedge rows, abandoned buildings and structures, trash, and similar obstructions that would interfere with planned use and development shall be removed. All debris such as broken concrete and masonry, structural steel and wood, stones, stumps, slash, and sterile or toxic soil material shall be disposed of so that they will not impede subsequent work or cause damage to off-site or other areas. Disposal shall be by burning, burying, or removing to an approved landfill in an environmentally acceptable manner.

All required gully shaping shall be performed to specified dimensions and grades. Gully fills shall be compacted to the required density. The cover over buried materials shall be designed to be adequate for the planned use, treatment, and vegetation. Historical or archaeological significant and scenic values shall be identified and preserved as appropriate.

Plans and specifications

Plans and specifications for obstruction removal shall be in keeping with this standard and shall describe the requirements for applying and achieving the practice purpose.