

**PRIMARY USE:** To reduce coarse sediment transport from construction sites.  
**ADDITIONAL USES:**

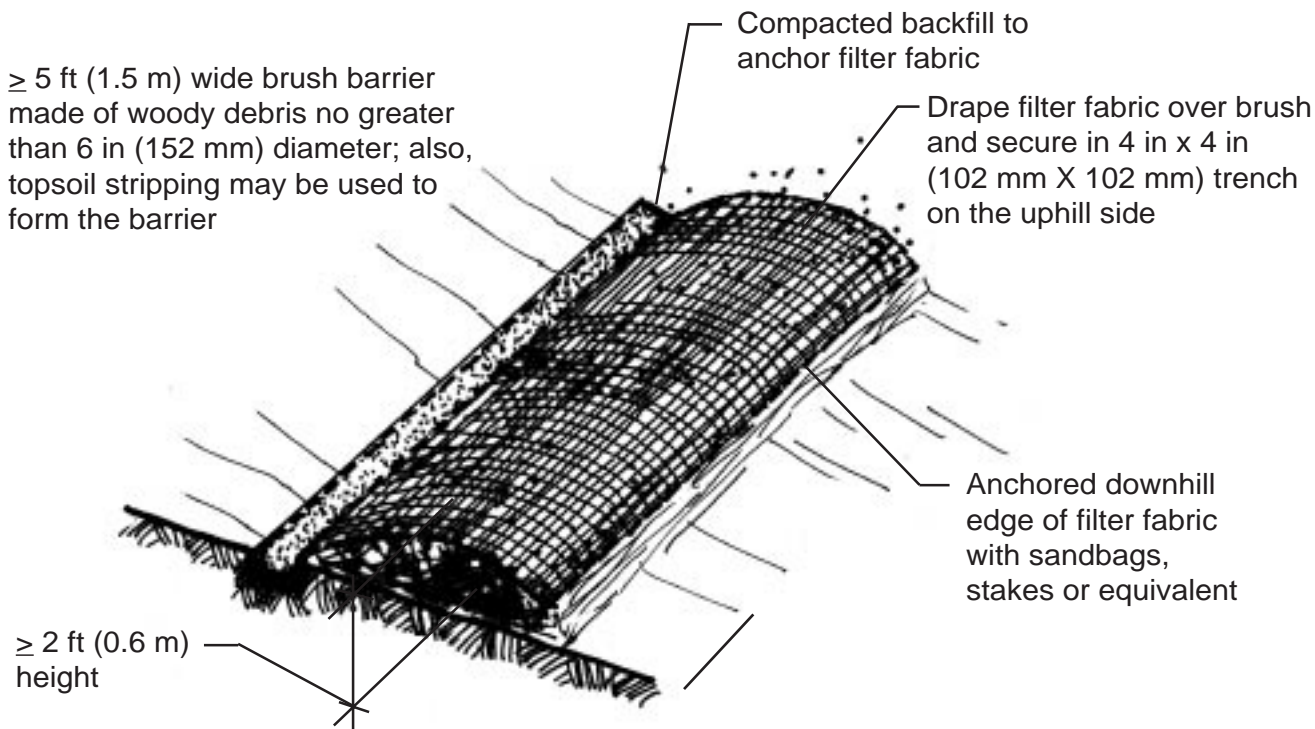
## BRUSH BARRIER

**What is it?** The brush barrier provides a temporary physical barrier located downslope of disturbed areas by using stacked shrubs and related materials.

### Purpose

Brush barriers reduce stormwater runoff velocities of sheet flow and impede sediment caused by erosion.

≥ 5 ft (1.5 m) wide brush barrier made of woody debris no greater than 6 in (152 mm) diameter; also, topsoil stripping may be used to form the barrier



**Brush Barrier  
Perspective View**

### Limitations

This BMP is not intended for concentrated flows or substantial amounts of sheet flow. Application of brush barriers should be for small construction sites and slopes not exceeding 1.5:1 (H:V).

### Materials

Brush; woody material not to exceed six inches (152 mm) in diameter; filter fabric as required by local conditions or regulations.

### Installation

Filter fabric may be required to ensure a barrier's filtration ability. Where concentrated flow passes around or under the barrier, it should be expanded and increased in size accordingly and/or augmented by toed-in filter fabric. After installation, barrier dimensions must be maintained.

**Source:** Surface Water Design Manual; King County, Washington.