

## WOODY RESIDUE TREATMENT

### Virginia Conservation Practice Job Sheet

384



#### Definition

The treatment of residual woody material that is created due to management activities or natural disturbances.

#### Criteria

The condition and extent of residual woody material shall determine the treatment method selected based on the operator's purpose.

Treatment methods (i.e. piling, burning, chipping/masticating, lop and scatter, off-site removal, crushing) will achieve landowner objectives while adequately protecting land and water resources.

Care shall be taken to minimize injury to or function of the residual plant communities. Timing of treatment shall coincide with intended purpose(s) and minimize impact on other resources.

Any broadcast burning activities shall comply with the Virginia Conservation Practice Standard Prescribed Burning (Code 338).

Any residual woody material left on the site after treatment will not present an unacceptable fire, safety, environmental, or pest hazard. Such

remaining material will not interfere with the intended purpose or other planned management activities.

#### Additional Criteria Applicable to Reduce Hazardous Fuels

Reduce the amount of fuels to an acceptable level by controlling height, size, amount and distribution.

#### Additional Criteria to Reduce the Risk of Harmful Insects and Disease

The degree, intensity and timing of treatment shall consider the characteristics of harmful insects or diseases to enhance the effectiveness of control.

#### Additional Criteria to Protect/Maintain Air Quality by Reducing the Risk of Wildfire

Activities will be consistent with established regulations and guidelines for PM10 and PM2.5 emissions, ozone precursors (NO<sub>x</sub> and VOCs), as well as smoke and fugitive dust, and state and local permit requirements.

#### Additional Criteria to Improve Access to Forage for Livestock and Wildlife

Woody material shall be piled, contour windrowed, or removed sufficiently to allow access by livestock and wildlife, and to maximize forage growth.

#### Additional Criteria to Develop Renewable Energy Systems

Removal of woody material shall not be detrimental to the site and will adequately protect soil and water resources. Adequate woody material will be left to maintain or improve nutrient and organic matter cycling.

#### Additional Criteria to Enhance Aesthetics

Woody material left on the site that is scattered, windrowed or piled will be further treated to meet client objectives and any state or local

requirements for aesthetics and visual resources.

**Additional Criteria to Reduce the Risk of Harm to Humans and Livestock**

Woody material left on the site that is scattered, piled or windrowed will be further treated to meet client objectives and any state or local requirements for safe use of the area.

**Additional Criteria to Improve Soil Organic Matter**

Woody material will be of a size and closeness to soil to accelerate in decomposition.

**Additional Criteria to Improve the Site for Natural or Artificial Regeneration**

Woody material will be treated to complement treatments specified in Virginia Conservation Practice Standard Tree/Shrub Site Preparation (Code 490).

Client: \_\_\_\_\_ County: \_\_\_\_\_

Field Office: \_\_\_\_\_ Contract #: \_\_\_\_\_

Farm # \_\_\_\_\_ Tract # \_\_\_\_\_ Field # and Acreage: \_\_\_\_\_

Producer's Purpose	
<input type="checkbox"/> Reduce hazardous fuels	<input type="checkbox"/> Reduce the risk of harmful insects and disease
<input type="checkbox"/> Protect/maintain air quality by reducing the risk of wildfire	<input type="checkbox"/> Improve the site for natural or artificial regeneration
<input type="checkbox"/> Improve access to forage for livestock and wildlife	<input type="checkbox"/> To improve access for management purposes
<input type="checkbox"/> Develop renewable energy systems	<input type="checkbox"/> Enhance aesthetics
<input type="checkbox"/> Improve the soil organic matter	<input type="checkbox"/> Reduce the risk of harm to humans and livestock
Practice Specifications	
Estimated Woody Residue per Acre: Before Treatment: ____ tons. After Treatment: ____ tons.	
Select applicable treatment methods (all that apply):	
<input type="checkbox"/> Lop and scatter	<input type="checkbox"/> Remove off-site
<input type="checkbox"/> Pile	<input type="checkbox"/> Burn
<input type="checkbox"/> Chip or Mulch	<input type="checkbox"/> Crush
<input type="checkbox"/> Other (specify): _____	
Specify additional treatment requirements based on intended purpose (consider height, size, amount, distribution of debris, size of piles, type of equipment, timing, etc.):	
_____	
_____	
_____	
_____	
Operation and Maintenance	
Control access during treatment for safety. Monitor vegetation growth/regrowth after treatment. Unwanted vegetation may occur, requiring additional treatment. Inspect periodically for pest/disease problems related to woody debris.	
Additional operation and maintenance requirements specific to this plan:	
_____	
_____	
_____	
_____	

**Planner Certification**

This woody residue treatment plan meets the requirements of NRCS Conservation Practice Standard Woody Residue Treatment (384).

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**Certification of Practice Completion**

This Woody Residue Treatment (384) has been completed and maintained according to NRCS plans and specifications. (Indicate in Practice Specifications if there were any changes to the planned practice and acreage.)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

If needed, an aerial view or a side view of the practice can be shown below. Other relevant information, complementary practices and measures, and additional specifications may be included.

Scale 1" = \_\_\_\_\_ ft. (NA indicates sketch not to scale: grid size=1/2" by 1/2")


**Additional Specifications and Notes:**

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