



**United States Department of Agriculture**  
Natural Resources Conservation Service  
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December 30, 2015

**SECTION IV**  
**450-11**  
**NOTICE NO. 1-16**

**Purpose**

To inform WV NRCS offices about the new or revised conservation practices and materials, located within Section IV of the West Virginia Field Office Technical Guide (FOTG).

Any previous versions of these documents are archived and should no longer be used for conservation planning.

**Revised West Virginia Practice Table of Contents**

West Virginia Practice Table of Contents – December 2015

**New/Revised/Removed Conservation Practice Standards**

New National Conservation Practice Standards are done in a new one-column format. WV is beginning to update the WV Conservation Practice Standards to this new format as new National Conservation Practice Standards are issued.

Engineering standards have been updated to include reference to using the most current version of the O&Ms and field sheets which are posted on the FOTG. Similar items posted on the Sharepoint (North, South, or Engineering Work Site tabs) are no longer to be used. The FOTG contains the most current version of all standards, SOWs, O&Ms, and associated sheets for general use.

Access Road (560) – December 2015 – Revised  
WV text from previous standard included in updated.

Agrichemical Handling Facility (309) – December 2015 – Revised  
WV text from previous standard included in updated.

Alley Cropping (311) – December 2015 – Revised  
Reviewed as required for a 5-year update.

Grade Stabilization Structure (410) – December 2015 – Revised  
WV text from previous standard included in updated.

Grassed Waterway (412) – December 2015 – Revised  
WV text from previous standard included in updated.

Groundwater Testing (355) – December 2015 – Revised  
WV text from previous standard included in updated.

Heavy Use Area Protection (561) – December 2015 – Revised  
Changed requirement to locate Livestock Heavy Use Areas out of the 25-yr 24-hr floodplain to requiring them to be located out of the 100-yr 24-hr floodplain. WV text from previous standard included in updated.

Herbaceous Weed Control (315) – December 2015 – Revised  
Reviewed and broken internet links removed.

Irrigation Water Management (449) – December 2015 – Revised  
WV text from previous standard included in updated.

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- Pumping Plant (533) – December 2015 – Revised  
WV text from previous standard included in updated.
- Roof Runoff Structure (558) – December 2015 – Revised  
WV text from previous standard included in updated.
- Subsurface Drain (606) – December 2015 – Revised  
WV text from previous standard included in updated.
- Trails and Walkways (575) – December 2015 – Revised  
WV text from previous standard included in updated.
- Underground Outlet (620) – December 2015 – Revised  
WV text from previous standard included in updated.
- Waste Transfer (634) – December 2015 – Revised  
WV text from previous standard included in updated.
- Water Well (642) – December 2015 – Revised  
WV text from previous standard included in updated. Setback distances increased in Table A. Referenced the WV ENG 63 Drawing and Form.
- Watering Facility (614) – December 2015 – Revised  
WV text from previous standard included in updated. Reference has been made to use the most current version of the construction specifications and field sheets; which are posted in the FOTG.
- Well Decommissioning (351) – December 2015 – Revised  
Removed the 25 yr flood plain identification. WV text from previous standard included in updated.
- Windbreak/Shelterbelt Establishment (380) – December 2015 – Revised  
Reviewed as required for a 5-year update.

#### **Statements of Work**

For all engineering standards, reference to the “Documentation and Certification for Engineering Practices” (formerly called WV 5-23 Preparation of Engineering Plans, Design and Construction Support Data for Conservation Practice (EFH Chapter 5 “green sheets”)) was made in the Statements of Work.

- Access Road (560) – December 2015 – Revised
- Agrichemical Handling Facility (309) – December 2015 – Revised
- Grade Stabilization Structure (410) – December 2015 – Revised
- Grassed Waterway (412) – December 2015 – Revised
- Groundwater Testing (355) – December 2015 – Revised
- Heavy Use Area Protection (561) – December 2015 – Revised
- Irrigation Water Management (449) – December 2015 – Revised
- Pumping Plant (533) – December 2015 – Revised
- Roof Runoff Structure (558) – December 2015 – Revised
- Subsurface Drain (606) – December 2015 – Revised
- Trails and Walkways (575) – December 2015 – Revised
- Underground Outlet (620) – December 2015 – Revised
- Waste Transfer (634) – December 2015 – Revised
- Water Well (642) – December 2015 – Revised

Watering Facility (614) – December 2015 – Revised

Well Decommissioning (351) – December 2015 – Revised

<b>New/Revised Job Sheet, Technical Notes, Worksheets, Guide, O&amp;M, Specification, Check Out, other</b>
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Documentation and Certification for Engineering Practices – December 2015 – Revised

### **O&Ms**

All O&M forms have a “Clear Form” button as well as a drop down menu for the county.

Access Road (560) O&M – December 2015 – Revised

Agrichemical Handling Facility (309) O&M – December 2015

Grade Stabilization Structure (410) O&M – December 2015 – Revised

Grassed Waterway (412) O&M – December 2015 – Revised

Groundwater Testing (355) O&M – December 2015 – Revised

Heavy Use Protection Area (561) O&M – December 2015 – Revised

Irrigation Water Management (449) O&M – December 2015 – Revised

Pumping Plant (533) O&M – December 2015 – Revised

Roof Runoff Structure (558) O&M – December 2015 – Revised

Subsurface Drain (606) O&M – December 2015 – Revised

Trails and Walkways (575) O&M – December 2015 – Revised

Underground Outlet (620) O&M – December 2015 – Revised

Waste Transfer (634) O&M – December 2015 – Revised

Water Well (642) O&M – December 2015 – Revised

Watering Facility (614) O&M – December 2015 – Revised

Well Decommissioning (351) O&M – December 2015 – Revised

### **Worksheets**

Water Well (642) Worksheet – December 2015 – Revised

Worksheets A,B, and C have been combined into a single worksheet.

Well Decommissioning (351) Worksheet – December 2015 – Revised

Removed the 25-yr flood plain identification and added specific items from the December 2015 standard.

### **Field Sheets**

Heavy Use Area Protection (561) Field Sheets – December 2015

Spring Development (574) Field Sheets – December 2015

Updated the three drawings for consistency

WV ENG 63 Drawing – December 2015

Removed concrete apron requirement.

### **Specifications**

Watering Facility (614) Specification – December 2015 – Revised

Added wording to include a preapproved list.

### **Job Sheets**

Job Sheet - Brush Management (314) – Manejo de Control del Malezas – Existing Job Sheet translated into Spanish

Job Sheet - Prescribed Grazing (528) – Pastoreo Efectivo para Vida silvestre - Existing Job Sheet translated into Spanish

WVENG\_GI Permits: Permits, Regulations, and Laws Applicable to WV Engineering Conservation Practice Standards

This separate document was created for all engineering practices that may be required to meet Federal, State or County laws or permits. Similar language will be removed as standards are updated. This document was originally posted to the FOTG Section IV, Engineering References. Links have been updated.

### **Technical Notes – Forestry Technical Notes**

Manual Herbicide Application Methods for Managing Vegetation in Appalachian Hardwood Forests

USFS Pest Alert – Beech Bark Disease

USFS Pest Alert – Periodical Cicada – Brood V

USFS Pest Alert – Emerald Ash Borer

USFS Pest Alert – Eastern Tent Caterpillar

USFS Pest Alert – Dutch Elm Disease

USFS Pest Alert – Eastern White Pine Needle Damage

USFS Pest Alert – Elm Yellowings

USFS Pest Alert – Forest Tent Caterpillar

USFS Pest Alert – Garlic Mustard

USFS Pest Alert – Gypsy Moth

USFS Pest Alert – Hickory Mortality

USFS Pest Alert – Hemlock Woolly Adelgid

USFS Pest Alert – Japanese Knotweed

USFS Pest Alert – Locust Leafminer

USFS Pest Alert – Mile-A-Minute

USFS Pest Alert – Sudden Oak Death – East

USFS Pest Alert – Thousand Cankers Disease

### **Technical Notes – Biology Technical Notes**

Cerulean Warbler - Enhancing Cerulean Warbler Habitat in the Appalachians: A Guide for Foresters

### **Archived Materials**

Access Road (560) – September 2010

Agrichemical Handling Facility (309) – June 2009

Alley Cropping (311) – April 2011

Animal Trails and Walkways (575) – May 2006

Replaced by Trails and Walkways (575)

Grade Stabilization Structure (410) – September 2013

Grassed Waterway (412) – April 2011

Water Well Testing (355) – April 2014

Heavy Use Area Protection (561) – June 2009

Herbaceous Weed Control (315) – May 2011

Irrigation Water Management (449) – August 2011

Manure Transfer (634) – July 2004

Pumping Plant for Water Control (533) – May 2009

Roof Runoff Structure (558) – August 2010

Subsurface Drain (606) – August 2009

Trails and Walkways (568) – September 2010  
Replaced by Trails and Walkways (575)

Underground Outlet (620) – September 2007

Water Well (642) – September 2012

Watering Facility (614) – September 2012

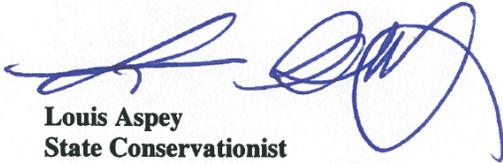
Well Decommissioning (351) – September 2008

Windbreak/Shelterbelt Establishment (380) – April 2011

Table of Contents – July 2015

<b>Effective Date:</b> Upon Receipt
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If you have any questions or concerns please contact Greg Stone, Acting State Resource Conservationist at (304) 284-7579 or Andy Deichert, State Conservation Engineer at (304) 284-7563.



**Louis Aspey**  
**State Conservationist**

**DIST: E**

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