



December 5, 2014

TECHNICAL GUIDE NOTICE NO. 387 (Revision)

This is a revision to Technical Guide Notice No. 387. This revision adds the purpose as to why an existing standard was revised and why a new standard was created. This notice transmits the following new or revised conservation practice standards, statements of work and job sheets.

Conservation Practice Standards:

- Revised: **Irrigation Water Management Practice Standard (449)**-The purpose of improving air quality was removed. The purpose of decreasing nonpoint source pollution of surface and groundwater resources was re-written as "Decrease degradation of surface and groundwater resources." The criteria section has been edited for clarity and the criteria for plant stress monitoring were updated to include current technology. New references were added.
- Revised: **Grade Stabilization Structure Practice Standard (410)**-This standard had remained unchanged since 1986. The agency refined the definition, modified criteria and updated terminology related to hazard classification. The section on riprap chutes and the design charts that go with them, were carried over from the old version.
- Revised: **Watering Facility Practice Standard (614)**-The agency revised the definition of this practice and a purpose was added. The criteria for watering ramps were added. There is more emphasis on water storage tanks. The lifespan of this practice changed from 20 years to 10 years. The agency clarified references to supporting practices.
- Revised: **Cover Crop Practice Standard (340)**-Deleted two purposes, (1) promote biological nitrogen fixation and reduce energy use, and (2) increase biodiversity, as the two purposes are captured in the criteria in the general criteria and the criteria for the other purposes. Edited the criteria to improve clarity and understanding of the standard. Added additional criteria to address the need to terminate cover crops within the NRCS cover Crop Termination Guidelines. Provided additional criteria for haying and grazing cover crops.
- Revised: **Early Successional Habitat Development/Management Practice Standard (647)**- Minor revision to remove brush piles which are now included in Structures for Wildlife Practice Standard (649).
- New: **Windbreak/Shelterbelt Establishment (380)**-This practice has been modified to apply in Kentucky and has criteria for design in various situations including feedlots, snow management and field windbreaks.
- New: **Structures for Wildlife Practice Standard (649)**-This is a new national conservation practice standard with a 5-year lifespan. Prior to this new national conservation practice standard, there existed no minimum requirements for applying fish and wildlife structures or retrofitting existing structures as needed to improve management and conservation of fish and wildlife habitats and to achieve their intended purpose. This standard provides for retrofitting existing structures, such as the installation of wildlife escape ramps to existing water troughs and retrofitting existing fencing to allow for safe passage by wildlife.

New: **Short Term Storage of Animal Waste and Byproducts Practice Standard (318)**-The agency created this new conservation practice standard to address the need for short-term storage of animal waste and byproducts on farms where there is no existing permanent storage facility. The lifespan of this practice is 1 year.

New: **Trails and Walkways Practice Standard (575)**-This is a combination of Animal Trails and Walkways (575) and Trails and Walkways (568). The agency incorporated Trails and Walkways (Code 568) into Animal Trails and Walkways (Code 575) under the name Trails and Walkways (Code 575). These standards were combined into one because many of the criteria are very similar. The practice name, definition, purpose, and conditions where practice applies were modified accordingly. The agency clarified references to supporting practices.

Statements of Work:

New: Statement of Work for Grade Stabilization Structure (410)

New: Statement of Work for Structures for Wildlife (649)

New: Statement of Work for Short Term Storage of Animal Waste and Byproducts (318)

Job Sheets:

Revised: Herbaceous Weed Control (315) – December 2014

Revised: Conservation Cover (327) – Establishment of Native Cover for Wildlife – November 2014

Revised: Tree/Shrub Site Preparation (490) – December 2014

Revised: Tree/Shrub Establishment (612) – December 2014

New: Cover Crop – Soil Protection and Nitrogen Scavenging Job Sheet (340). This is a combination of the Cover Crop-Soil Protection Job Sheet and the Cover Crop-Nitrogen Scavenging Job Sheet.

New: Brush Management (314) – December 2014

New: Conservation Cover (327) – Conservation Cover for Pollinators – November 2014

New: Windbreak/Shelterbelt Establishment (380) – December 2014

Tools – (Section IV)

Aquatic Passage Tools

- National Inventory and Assessment Procedure
- Passage Through Crossing Assessment

Pest Management

- Weed Management in Grass Pastures, Hayfields, and Other Farmstead Sites
- Kentucky Pesticide Mitigation Scorecard

Wildlife Tools

- Artificial Nesting Structures – Fish and Wildlife Habitat Management Leaflet
- Xerces Pollinator Habitat Assessment – July 2013

Ponds and Pond Management

- Management Guide for Ponds and Small Lakes in Kentucky

Windbreak Information

- Windbreaks for Livestock
- Windbreaks for Snow Management
- Windbreaks for Wildlife

Information for Establishment of Vegetation

- UK Recommended Chemical Options for Establishment of Native Cover

Archived:

Animal Trails and Walkways Practice Standard (575) – June 2011
Cover Crop – Soil Protection Job Sheet (340)
Cover Crop – Nitrogen Scavenging Job Sheet (340)
Herbaceous Weed Control Job Sheet (315) – February 2011
Conservation Cover Job Sheet (327) – Native Grass Planting – July 2011
ESHD/M Native Forb and Legume Inter-seeding Job Sheet (647) – February 2012
Irrigation Water Management Practice Standard (449) – March 2012
Grade Stabilization Structure Practice Standard (410) – January 1986
Watering Facility Practice Standard (614) – January 2013
Windbreak/Shelterbelt Establishment (380) – January 1990

These documents go into effect upon receipt of this notice. The documents have been reviewed by the KY State Technical Guide Committee and approved for posting to eFOTG in Section IV/Conservation Practices by Mark Ferguson, State Resource Conservationist.

ACTION

Access eFOTG and download the documents as needed.

Karen A. Woodrich
KAREN A. WOODRICH
State Conservationist

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