



Natural Resources Conservation Service
6013 Lakeside Blvd.
Indianapolis, IN 46278

November 01, 2007

INDIANA FIELD OFFICE TECHNICAL GUIDE NOTICE IN-202

This notice transmits changes to the Indiana Electronic Field Office Technical Guide (eFOTG) as described below.

1. The following revised standard(s) to Section IV of the Electronic Field Office Technical Guide (eFOTG) have been updated with the following significant changes.
 - a. 575 – *Animal Trails and Walkways* (October 2007)
Significant Changes: New Indiana Standard
 - b. 327 – *Conservation Cover* (October 2007)
Significant Changes: Purposes and associated Criteria = Improve air quality, Improve soil quality, and Manage plant pests.
 - c. 332 – *Contour Buffer Strips* (October 2007)
Significant Changes: Definition = slight change. Purposes = wildlife removed; added 'Increase Water Infiltration'. Criteria = Changed criteria for row grade; stems/ft² changed.
 - d. 330 – *Contour Farming* (October 2007)
Significant Changes: Definition = slight change. Purpose = Added 'Increase Water Infiltration'. Criteria = refers to RUSLE2 to determine layout and row grade criteria changed.
 - e. 340 – *Cover Crop* (October 2007)
Significant Changes: Criteria = added species and corresponding seeding dates; added requirement for Certified seed
 - f. 382 – *Fence* (October 2007) – entire standard was not updated.
Significant Changes: Criteria = *Wire Attachment* - Changed the wording on wire attachment to allow fencing on the non-livestock side of the post. *Posts and Bracing* - Added an option for a single post to be used in place of an end, corner, or pull post assembly. *Wood Fence* - Allows for 1" x 6" (nominal) boards to be used for horses and cattle in a pasture situation. Corral and heavy pressure situations will require 2" x 6" (nominal) boards
 - g. 393 – *Filter Strip* (October 2007) – entire standard was not updated.
Significant Changes: Criteria = seeding options for wildlife purposes now allow for any mix from 645 calculator at the 'erosive rate'.

- h. *655 – Forest Trails and Landings* (October 2007)
Significant Changes: Criteria = added new seeding mixture tables.
- i. *410 – Grade Stabilization Structure* (October 2007)
Significant Changes: Criteria = Added Soil Boring information; removed note for drainage over 320 acres in Table 1; refers to 342 for seeding information; other wording changes for clarity.
- j. *561 – Heavy Use Area Protection* (October 2007)
Significant Changes: Criteria = more criteria sections to match the Purposes; more detailed explanations for the surface treatments and foundations.
- k. *422 – Hedgerow Planting* (October 2007)
Significant Changes: Criteria = added more eligible species; changed spacing distances for woody plants.
- l. *453 – Land Reclamation, Landslide Treatment* (October 2007)
Significant Changes: Criteria = Added a section on Vegetative Treatment (bioengineering) for slopes.
- m. *455 – Land Reclamation, Toxic Discharge Control* (October 2007)
Significant Changes: None.
- n. *466 – Land Smoothing* (October 2007)
Significant Changes: None
- o. *468 – Lined Waterway or Outlet* (October 2007)
Significant Changes: Criteria = added Vegetation requirements.
- p. *457 – Mine Shaft and Adit Closing* (October 2007)
Significant Changes: None (updated to National format)
- q. *528 – Prescribed Grazing* (October 2007)
Significant Changes: Purposes = added “Improve or maintain riparian and watershed function” (and associated Criteria), “Manage fine fuel loads to achieve desired condition” (No additional Criteria for Indiana). Criteria = Clarification of minimum grazing heights to be maintained on the grazing system; additions on grazing intensity, frequency and timing; additional criteria when grazing woodlands, riparian areas, crop residues, and tall fescue and reed canarygrass; additions on walking distance to water, forage quality, and anti-quality factors. Plans and Specifications = requires a contingency plan and a clarified list of needed items.
- r. *646 – Shallow Water Development and Management* (October 2007)
Significant Changes: Considerations = added a section for marsh birds

- s. 574 – *Spring Development* (October 2007)
Significant Changes: Definition = broader in scope. Purposes = broader in scope. Conditions = shorter.
 - t. 578 – *Stream Crossing* (October 2007)
Significant Changes: Purposes = consolidated. Criteria = criteria are broken down into categories for easier reference; added riprap sizing and gradation guidance; references Channel Stabilization for several requirements.
 - u. 644 – *Wetland Wildlife Habitat Management* (October 2007)
Significant Changes: Refers to IN Wetland Technical Note *Wetland Plantings for Wildlife* for acceptable shrub, tree, grass, and forb species; new criteria for forest and herbaceous habitat.
 - v. 380 – *Windbreak/Shelterbelt Establishment* (October 2007) – entire standard was not updated.
Significant Changes: Criteria = Updated ‘Additional Criteria to Reduce Soil Erosion...’ to allow an option for one shrub row plus two tree rows.
 - w. 633 – *Waste Utilization* (October 2007)
Significant Changes: Criteria = additional criteria to Protect Air Quality; maximum application rate at any one time shall not exceed 13,500 gallons per acre; revised Table A - Manure Application Setbacks (now matches IDEM CFO Rule).
2. The following new Job Sheets to Section IV of the Electronic Field Office Technical Guide (eFOTG) have been added.
- a. 612 – *Tree/Shrub Establishment* (May 2007)
 - b. 645 – *Upland Wildlife Habitat Management – Wildlife Habitat Development Plan Development* (May 2007)
 - c. 595 – *Pest Management - Wildlife Habitat Incentives Program Invasive Species Control* (May 2007)
 - d. 643 – *Restoration of Rare and Declining Habitats* (October 2007)
 - e. 380 – *Windbreak/Shelterbelt Establishment* (May 2007)
3. The following revised Job Sheets to Section IV of the Electronic Field Office Technical Guide (eFOTG) have been updated with the following significant changes.
- a. 646 – *Shallow Water Development and Management* (October 2007)
Significant Changes: Added a section for marsh birds; made form fillable

- b. *645 – Upland Wildlife Habitat Management – Brush Piles* (October 2007)
Significant Changes: Made form fillable
 - c. *646 – Upland Wildlife Habitat Management – Food Plots* (October 2007)
Significant Changes: Made form fillable; added additional annual species
4. The following are new and revised Technical Notes. A link to the Indiana Directives System, Technical Notes can be found in Section I, subpart H of the Electronic Field Office Technical Guide (eFOTG).
- a. *Agronomy – Guidelines For Herbaceous Stand Evaluation* (October 2007) - New
 - b. *Biology (New) - Copperbelly Water Snake: Habitat Restoration Guidelines* (August 2007)
 - c. *Biology (Revised) - Wetland Wildlife Habitat Management - Wetland Plantings for Wildlife* (October 2007)
Significant Changes: contains the list of tree, shrub, grass, and forb species appropriate to ALL NRCS wetland standards.
5. The updated FOTG standards Table of Contents to Section IV of the eFOTG.

New and revised standards may be downloaded from the Indiana NRCS eFOTG web page: <http://www.nrcs.usda.gov/technical/efotg/>. Select the Indiana page and go to the desired section. Standards are all located in Section IV along with their respective Job Sheets and other information.

If you need more information, please contact Shannon Zezula, 317-290-3200, extension 388.

/s/

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