



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

November 4, 2008

INDIANA FIELD OFFICE TECHNICAL GUIDE NOTICE IN-204

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. **472 – Access Control (October 2008)**

Significant Changes: Name = changed from Use Exclusion. Criteria = Indiana adopted NHQ criteria (specific distances and widths removed).

- b. **309 – Agrichemical Handling Facility (October 2008)**

Significant Changes: **Adopted new national standard and replaced interim standard 702.** Definition = Reworded. Purpose = Reworded and added 'retain incidental spillage, retain leakage and to reduce pollution'. Conditions Where Practice Applies = Expands on where practice applies and adds that the standard does not apply to commercial or multi-landowner operations. Criteria = Reworded to match national standard and removed items specific to Indiana such as Table A - AHF Components. Did not change the minimum of 750 gallons. Added requirement for concrete to have an admixture, be sealed or take measures to prevent vapor formation under the concrete.

- c. **311 – Alley Cropping (October 2008)**

Newly adopted standard for Indiana; Indiana adopted NHQ criteria.

- d. **342 – Critical Area Planting (October 2008)**

Significant Changes: Purposes = added sand dunes and riparian areas. Conditions = expanded and broader in scope. Criteria = references the Indiana Seeding Tool and broadens the suitable species selection.

- e. **356 – Dike (October 2008)**

Significant Changes: No major changes. Standard revised to correct incomplete wording. Plans and Specifications = List of requirements added.

- f. **554 – Drainage Water Management (October 2008)**
Significant Changes: Criteria = New national standard added time requirements for water level control (raised within 30 days after harvest, not dropped until within 30 days of planting). Requirement for 10-feet of solid tile and anti-seep collar at structure has been replaced with statement that design address seepage. Requirement specifics will move to Structure for Water Control Standard. Plans/specs = Specific requirements have been listed. DWM jobsheet has been added.
- g. **393 – Filter Strip (October 2008)**
Significant Changes: Purposes = removed wildlife. Criteria = maximum gradients defined; design refers to national Agronomy Technical Note and RUSLE2; references the Indiana Seeding Tool and broadens the suitable species selection.
- h. **643 – Restoration and Management of Rare or Declining Habitats (October 2008)**
No Significant Changes: Minor updates to species soil drainage class suitability.
- i. **390 – Riparian Herbaceous Cover (October 2008)**
No Significant Changes: Minor updates and formatting.
- j. **610 – Salinity and Sodic Soil Management (October 2008)**
Significant Changes: Criteria = measurement units are now in mS/m instead of mmhos/cm; suitable species have been reduced; tables are now combined and value ranges have been changed.
- k. **580 – Streambank and Shoreline Protection (October 2008)**
Significant Changes: This updates the 1992 standard. Criteria = Added "soil bioengineering" under general criteria. Criteria for Shorelines - Piling: = Removed wood option of "pressure treated" due to environmental impacts. Vegetation updates found under Vegetative Establishment, Considerations, Plans and Specifications along with Operation and Maintenance.
- l. **635 – Vegetated Treatment Area (October 2008)**
Significant Changes: Name = changed from Wastewater Treatment Strip. Criteria = Major changes with new national standard. Refers to a new design reference. Changes requirements of size from previous design calculations. Allowed slope of area expanded to between 0.3 to 6 percent.
- m. **642 – Water Well (October 2008)**
Significant Changes: Definition = no change. Purpose = slight change. Criteria = added Table 1 with required separation

distances Considerations = added recommended separation distances.

n. 614 – Watering Facility (October 2008)

Significant Changes: Definition = Wildlife Watering Facility (648) is no longer supported by NHQ, and criteria are added to 614. Criteria = Indiana criteria have been simplified.

o. 658 – Wetland Creation (October 2008)

Significant Changes: Definition = slight change. Criteria = Defines herbaceous and woody planting criteria. Synchronizes with changes in Wetland Restoration and Enhancement Standards.

p. 659 – Wetland Enhancement (October 2008)

Significant Changes: Definition = slight change. Criteria = Defines limits to “excavated areas used to create additional wetland features.” Includes excavation of drained organic (a.k.a. muck) soils intended to enhance hydrology. Refers to Macrotopography Technical Note for design guidance.

q. 657 – Wetland Restoration (October 2008)

Significant Changes: Definition = slight change. Criteria = Added that restoration will meet “conditions that previously existed on the site historically.” Limits use of macrotopography. Excavation below the original hydric soil surface is not permitted.

NOTE: all of the above standards that have a herbaceous seeding component refer to the *Indiana Seeding Tool* for site preparation, fertility requirements, etc. The *Indiana Seeding Tool* will be released to the field in the near future via FOTG Notice IN-205.

2. The following new and revised Job Sheets to Section IV of the Electronic Field Office Technical Guide (eFOTG) have been updated with the following significant changes.

a. Job Sheet: Conservation Cover (October 2008)

New

b. Job Sheet: Critical Area Planting (October 2008)

New

c. Job Sheet: Drainage Water Management (October 2008)

New

d. Job Sheet: Feathering Wooded Edges (October 2008)

Significant Changes: Created as a fillable form. Section added on renovating *linear* woody cover such as fencerows. Includes hotlinks.

e. Job Sheet: Filter Strip (October 2008)

New

3. The following new and revised Technical Notes to Section I of the Electronic Field Office Technical Guide (eFOTG) have been added/updated.

a. *Technical Note: Tree Planting in Flood Plains (October 2008)*

New.

b. *Technical Note: Wetland Macrotopography (October 2008)*

Significant Changes: More thoroughly explains macrotopography.

Synchronizes with changes in Wetland Restoration and Enhancement Standards. Includes hotlinks and a design guidance table.

c. *Technical Note: Wetland Plantings For Wildlife (October 2008)*

No Significant Changes: Minor updates and formatting.

4. 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.

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