



July 29, 2016

IOWA NRCS TECHNICAL GUIDE 450-IV

TECHNICAL GUIDE NOTICE NO. IA-304

Purpose. Issue new and revised Conservation Practice documents to the Field Office Technical Guide, Section IV.

Effective Date. When contents are received.

Explanation. Section IV: The following Iowa-approved Conservation Practice Documents (CPD) have been revised or added.

Code	Practice Name	Std (CPS)	Job-sheet	Spec	O&M	SOW	Other
316	Animal Mortality Facility	•				•	
326	Clearing and Snagging	•				•	
Var.	Conservation Practice Decommissioning		•				
441	Irrigations Systems – Micro Irrigation	•				•	
527	Karst Sinkhole Treatment	•				•	
576	Livestock Shelter Structure	•				•	
520	Pond Sealing or Lining – Compacted Soil Treatment	•				•	
522	Pond Sealing or Lining - Concrete	•				•	
367	Roofs and Covers	•				•	
442	Sprinkler System	•				•	
635	Vegetated Treatment Area	•				•	
Var.	Winter Feeding Stations – Conservation Practice Guidance						•

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Narrative Summary of Changes to Conservation Practice Standards (CPS) and Documents

Animal Mortality Facility (Code 316) – Criteria for catastrophic animal mortality has been removed and placed in new standard Emergency Animal Mortality Management (368). The information provided on composting has been expanded. Language was changed to improve the readability of the standard.

Clearing and Snagging (Code 326) – The changes were made to provide better clarity and include the use of active voice and the removal of all occurrences of the word “shall.” The references section remains unchanged; however, one of the references, 210-NEH, Part 654, “Stream Restoration Design,” now appears in the “Considerations” section, where it specifically identifies Technical Supplement 14E of this reference for use in determining the forces acting on woody debris and the necessary anchoring.

Conservation Practice Decommissioning (Code - Various) – Conservation practice decommissioning is the rendering of existing equipment or structures inoperable before or during replacement with new equipment or structures via conservation technical and/or programmatic (financial) assistance. The purpose of the job-sheet is to document the decommissioning of existing equipment or structures to ensure proper and final disposal has occurred.

Irrigation Systems – Micro Irrigation (Code 441) – The purpose of reduced energy use has been removed. It would not be the primary purpose of planning a microirrigation system. There are some minor editing changes.

Karst Sinkhole Treatment (Code 527) – The proposed changes provide additional clarification regarding the conditions where the practice applies, general criteria, sinkhole treatment/closing and considerations.

Livestock Shelter Structure (Code 576) – The agency created this new conservation practice standard that includes livestock shade structures and livestock wind structures.

Pond Sealing or Lining – Compacted Soil Treatment (Code 520) – This new CPS combines the existing compacted soil liner standards (521B, 521C, and 521D) into one CPS. As a result, a change to the title was necessary, along with other changes needed for clarification, consistency, and 508 compliance requirements.

Pond Sealing or Lining - Concrete (Code 522) – This is a new CPS developed as an alternative practice for lining and sealing animal waste storage ponds and lagoons as needed. It covers concrete design requirements for this specified function that is not specified in Waste Storage Facility (Code 313).

Roofs and Covers (Code 367) – The definition for the Roofs and Covers practice added agricultural handling facilities to the waste management facilities specified. Criteria was added to include treated wood products and the type of associated fasteners and a table for geomembrane materials specified by cover purpose. Criteria was also added for appurtenant equipment associated with a cover over liquid manure storage facilities for the safe collection, conveyance, treatment or utilization of biogases.

Sprinkler System (Code 442) – Added “in absence of manufacturer’s recommendations for pressure regulator operation, ensure line pressure upstream of regulators is at least 5 psi above rated regulator pressure”. There are also some minor editing changes.

Vegetated Treatment Area (Code 635) – This standard was edited to improve clarity. Additionally criteria was added to address pretreatment and erosion control measures and remove minimum flow length which affected design of small facilities.

Winter Feeding Stations – Conservation Practice Guidance (Code - Various) – Provide guidance for planning, siting, sizing, operation and maintenance, etc. for winter feeding station structures that are part of grazing management plans.

Location of Documents

The Iowa eFOTG, located on the web at http://efotg.sc.egov.usda.gov/efotg_locator.aspx is being updated to reflect these changes to Section IV. Previous document versions will be moved to the archived folders.

Optional Filing Instructions (for hard copies of FOTG maintained in Field Offices)

Replace old documents with the new, as described in this Technical Guide Notice.



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Attachments (Copies will be posted to the Iowa eFOTG)