



September 29, 2016

**CALIFORNIA NRCS TECHNICAL GUIDE 450-VI**

**TECHNICAL GUIDE NOTICE NO. 132**

**SUBJECT: Issue New and Revised Documents to the Field Office Technical Guide, Section IV.**

**Purposes:**

1. Issue updates to Conservation Practice Documents in Section IV.

**Effective Date:** When contents are received.

**Explanation:**

**Section IV:** The following California-approved Conservation Practice Documents (CPD) have been revised or added. (listed alphabetically)

Code	Practice Name	Std (CPS)	Spec	IR	O&M	SOW
605	Denitrifying Bioreactor *(Remove 747-Interim Practice)	•	overview			•
666	Forest Stand Improvement 666D – Competing Vegetation Control		•			
441	Irrigation System, Micro-irrigation	•				•
590	Nutrient Management	•				
378	Pond	•	•	•		•
367	Roofs and Covers	•				•
442	Sprinkler System	•				•

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

**Denitrifying Bioreactor (Code 605)** – New Approved Practice Standard replacing the previous Interim Practice Standard (Code 747).

**Forest Stand Improvement (Code 666)** – Minor edit to Specification 666(D), moving some duplicate wording regarding pile burning into the Pile and Burn section of Disposal Requirements.

**Irrigation System, Micro-Irrigation (441)** – The purpose of reduced energy use has been removed. It would not be the primary purpose of planning a microirrigation system. Water quality testing is now only required for constituents that are commonly encountered in the area. The allowable emitter manufacture coefficient of variation (Cv) has been reduced to 0.07 for line source emitters (e.g. tape). There are some minor editing changes.

**Nutrient Management (Code 590)** – Corrected the link to the UC Nitrate Groundwater Pollution Hazard Index.

**Pond (Code 378)** – The agency refined the definition, modified criteria, updated considerations, updated requirements for plans and specifications, and updated requirements for operation and maintenance.

**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”. Criteria addressing backflow prevention has been added and applies then the system is fitted for chemigation. Minimum application rates have been established for systems used for frost protection. There are also some minor editing changes.

### Location of Documents

The California eFOTG, located on the web at [http://efotg.sc.egov.usda.gov/efotg\\_locator.aspx](http://efotg.sc.egov.usda.gov/efotg_locator.aspx) is being updated to reflect these changes to Sections IV. Previous document versions will be moved to the archived folders.

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

Replace “Index of Conservation Practice Standards and Specifications Index – Numerical Index” contents, pages 1-8, dated Aug 16, 2016, with the new “Index of Conservation Practice Standards and Specifications, Numerical Order” contents, pages 1-8, dated September 29, 2016.

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

**THOMAS HEDT**  
 Digitally signed by THOMAS HEDT  
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 ou=Department of Agriculture, cn=THOMAS  
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TOM HEDT  
 State Resource Conservationist

ATTACHMENTS: (copies sent by request) (Copies will be posted to the California eFOTG.)

DIST: AE