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June 16, 2010

**CALIFORNIA TECHNICAL GUIDE 450-VI**

**TECHNICAL GUIDE NOTICE NO. 105**

**SUBJECT: Section IV - Issue new and revised California Conservation Practice Standards and Specifications**

**Purpose:** To issue new and revised California conservation practice standards and specifications, and update the Index of Conservation Practices.

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

**Explanation:**

**Section IV:** The following California Approved Conservation Practice Standards and Specifications have been added or revised to Section IV of eFOTG:

Code	Practice Name	Std	Spec	PR	O&M	SOW
350	Sediment Basin	•			•	•
397	Aquaculture Ponds	•			•	•
398	Fish Raceway or Tank	•			•	•
412	Grassed Waterway	•	•	•	•	•
436	Irrigation Reservoir	•			•	•
500	Obstruction Removal	•				•
533	Pumping Plant	•		•	•	•
533B	Pumping Plant, Electric Submersible Pump		•	•		
533C	Pumping Plant, Solar/Wind Power		•	•		
558	Roof Runoff Structure	•			•	•

561	Heavy Use Area Protection	•			•	•
561	Heavy Use Area Protection, Coal Ash Soil Surfacing		•			
568	Trails and Walkways	•			•	•
572	Spoil Spreading	•			•	•
600	Terrace	•			•	•
900	900 – Concrete (3000 psi) Specification		•			
901	901 – Concrete (4000 psi) Specification		•			

**Sediment Basin (Code 350)** – The definition changed to better define the type of basin; the purpose changed to reflect the sediment capturing function of the basin; conditions where practice applies changed to define land uses where the practice applies and the physical conditions where the practice is applicable, which are the same as Pond (Code 378); criteria were added for location, basin capacity, spillway design, basin shape, embankment and side slopes, vegetation, and safety while a drawing was added to better define the storage capacities; considerations were added related to improved functioning of the basin, visual concerns, and safety and wildlife habitat; minimum requirements for plan and specification content were added; minimum requirements for O&M plans were added; and additional references were added.

**Aquaculture Ponds (Code 397)** – The revised Conservation Practice Standards 397 has expanded Definition and Purpose sections. The Considerations and Specifications sections are more focused in their scope.

**Fish Raceway or Tank (Code 398)** - For the most part, only minor editorial or grammatical changes have been made to this standard. The only significant change within the standard was to remove the exclusion of hatchery operations from the Conditions Where Practice Applies Section. NRCS reviews standards periodically to ensure they are still current; this was primarily the situation for this standard.

**Grassed Waterway (Code 412)** - No significant changes are proposed to this practice standard. NRCS reviews standards periodically to ensure they are still current. The date has been changed to reflect that it is current.

**Irrigation Reservoir (Code 436)** - The titles were changed and standards combined for “Irrigation Regulating Reservoir” (552) and “Irrigation Storage Reservoir” (436). Considerations were expanded and References added

**Obstruction Removal (Code 500)** – The definition was edited to add “works of improvement” and “debris,” while “landscape features” was eliminated. To the conditions where practice applies, two statements were added: “public safety and infrastructure” and “does not apply to aquatic environments.” The Criteria section was completely re-written to add more detail, including safety and environmental concerns, and more detail for stabilization of the site after removal work. Considerations were added related to recycling, dust suppression, erosion and

sediment control, working in environmentally sensitive areas, and safety and wildlife habitat. Minimum requirements for plan and specification content were added; minimum requirements for O&M plans were added; and additional references were added.

**Pumping Plant (Code 533)** – The definition was expanded to identify pumping plant components; purposes were expanded to address various resource concerns; new criteria was added for Variable Frequency Drives, Photovoltaic Panels, Windmills, and Hydraulic Rams; additional criteria was provided, corresponding to the newly expanded purposes.

**Roof Runoff Structure (Code 558):** No significant changes are proposed to this practice standard. NRCS reviews standards periodically to ensure they are still current. The date has been changed to reflect that it is current.

**Heavy Use Area Protection (Code 561)** – More detail was added to the purposes. The criteria were changed, eliminating specific reference to 4,000 lb. design load. The reference to Design Note 24 was made in lieu of the American Association of State Highway and Transportation Officials publication. Minimum requirements for plan and specification content were added. Minimum requirements for operation and maintenance (O&M) plans were added. References were also added

**Trails and Walkways (Code 568)** - The title was changed from Recreation Trail and Walkway. The definition changed to include farm workers, construction/maintenance access, and small walk-behind equipment. The purpose changed to include agricultural and construction/maintenance purposes. Conditions where the practice applies was changed to cover recreational, agricultural, and non-agricultural installations. Criteria changed to include more detailed requirements for all land uses and information was added on accessibility of public access trails. Considerations were added on maximum grades, drainage issues, parking issues, scenic values, fish and wildlife habitat, water quality, and wind erosion. Minimum requirements for plan and specification content were added. Minimum requirements for O&M plans were added and additional references were added.

**Spoil Spreading (Code 572)** – The criteria was edited and a section specifically for spreading of spoil along channels was added; consideration was added for evaluating channels capacity; minimum requirements for plan and specification content were added; minimum requirements for O&M plans were added; and references were added.

**Terrace (Code 600)** - No significant changes are proposed to this practice standard. NRCS reviews standards periodically to ensure they are still current; this was the situation for this standard.

**Concrete (3000 psi) Specification (Code 900)** – Corrections to fly ash criteria.

**Concrete (4000 psi) Specification (Code 901)** – Corrections to fly ash criteria.

The following California conservation practice standards and/or associated documents are being cancelled. These documents will be moved to the archive section of the California eFOTG.

<b>Code</b>	<b>Practice Name</b>	<b>Reason</b>
552-all documents	Irrigation Regulating Reservoir	Replaced with 436 Irrigation Reservoir
436-all documents	Irrigation Storage Reservoir	Replaced with 436 Irrigation Reservoir
533A Spec and PR sheet only	Pumping Plant for Water Control, Air Quality – Emissions Reductions	Included in other air quality standards
568 – all documents	Recreation Trail and Walkway	Replaced with 568 Trails and Walkways

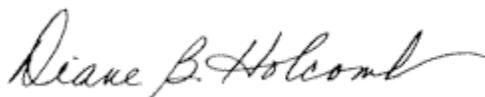
The California eFOTG, located on the web at <http://www.nrcs.usda.gov/technical/efotg/> and in my.nrcs at <https://my.nrcs.usda.gov/default.aspx>, is being updated to reflect these changes to Sections III and IV.

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

Replace the “Index of Conservation Practice Standards and Specifications Index – Alphabetical Index” contents, pages 1-12, dated May 27, 2010, with the new “Index of Conservation Practice Standards and Specifications Index – Alphabetical Index” contents, pages 1-12, dated June 16, 2010.

Replace “Index of Conservation Practice Standards and Specifications Index – Numerical Index” contents, pages 1-12, dated May 27, 2010, with the new “Index of Conservation Practice Standards and Specifications Index – Numerical Index” contents, pages 1-12, dated June 16, 2010.

Remove the old practice standards, specifications, practice requirements, and Statements of Work and insert the new practice standards and documents issued above in Section IV.



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ATTACHMENTS: (electronic) (Copies will be posted to the California eFOTG.)

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