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**CALIFORNIA TECHNICAL GUIDE 450-VI**

**TECHNICAL GUIDE NOTICE NO. 85**

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

**Purpose:** To cancel practices, issue revised and new California practice standards, specifications, practice requirements, operation and maintenance and statements of work, and update the Index of Conservation Practices.

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

**Explanation:** Cancelled, new, and revised California Conservation Practices:

Enclosed (attached electronically) are the revised California conservation documents for:

Code	Practice Name	Std	Spec	PR	O&M	SOW
360	Closure of Waste Impoundments	<input checked="" type="checkbox"/>				
378	Pond	<input checked="" type="checkbox"/>				
391	Riparian Forest Buffer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
393	Filter Strip	<input checked="" type="checkbox"/>				
442	Irrigation System, Sprinkler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
455	Land Reclamation, Toxic Discharge Control	<input checked="" type="checkbox"/>				
521D	Pond Sealing or Lining (D), Compacted Clay Treatment	<input checked="" type="checkbox"/>				
591	Amendments for Treatment of Agricultural Waste	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
610	Salinity and Sodic Soil Management	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
610A	Salinity and Sodic Soil Management (A), Irrigated Lands		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
612	Tree/Shrub Establishment	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
612 A	Tree/Shrub Establishment (A), Bareroot/Containerized Stock		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
612 B	Tree/Shrub Establishment, Tree/Shrub Establishment (B), Direct Seeding		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
612C	Tree/Shrub Establishment (C), Pole Plantings/Cuttings		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Code	Practice Name	Std	Spec	PR	O&M	SOW
629	Waste Treatment	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
632	Solid/Liquid Waste Separation Facility	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
634	Manure Transfer			<input checked="" type="checkbox"/>		
657	Wetland Restoration	<input checked="" type="checkbox"/>				
658	Wetland Creation	<input checked="" type="checkbox"/>				
659	Wetland Enhancement	<input checked="" type="checkbox"/>				
660	Tree/Shrub Pruning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

The following California practice standards are being cancelled because they have been replaced by 610, Salinity and Sodic Soil Management and 521D, Pond Sealing or Lining, Compacted Clay Treatment. These standards and associated documents will be moved into the archive section of the eFOTG.

571, Soil Salinity Management – Non-Irrigated  
610, Toxic Salt Reduction  
521D, Pond Sealing or Lining (D), Cationic Emulsion - Waterborne Sealant

Below is a brief explanation of the significant changes made to each standard.

**Closure of Waste Impoundments (360):** This practice standard has been revised to address the removal and disposal of structural storage facilities (concrete, timber, etc.) and related components.

**Pond (378):** The practice standard has been revised to address confusing criteria for the emergency spillway.

**Riparian Forest Buffer (391):** Several new purpose statements were added, and additional criteria were developed for aquatic organisms and wildlife habitat and runoff of nutrients, sediments, pesticides, etc. Criteria for Zone 3 were referred to the Filter Strip conservation practice standard.

**Filter Strip (393):** This practice standard has been revised to add considerations related to air quality and carbon sequestration.

**Irrigation System, Sprinkler (442):** This standard has been revised to clarify terminology pertaining to the Coefficient of Uniformity and other issues of concern expressed by Industry. The standard has been expanded to address the primary purpose of: leaching for control or reclamation of saline or sodic soils; and the reduction in particulate matter emissions to improve air quality.

**Land Reclamation, Toxic Discharge Control (455):** This practice standard has been revised to include minor revisions plus changes to format.

**Pond Sealing or Lining (D), Compacted Clay Treatment (521D):** New Standard to address liners for ponds or waste storage impoundments constructed using compacted soil without soil amendments.

**Amendments for Treatment of Agricultural Waste (591):** New Standard that is intended to address the use of amendments to manure and other agricultural wastes for specific purposes such as odor reduction, ammonia emissions reduction, reduction of soluble phosphorus, etc. It applies to amendments used in any portion of the waste stream, including the production and storage facilities. It is not applicable to feed amendments.

**Salinity and Sodic Soil Management (610):** New Standard, replaces 571, Soil Salinity Management – Non Irrigated and 610, Toxic Salt Reduction. This new practice deals with leaching salts from the root zone of irrigated crops, as well as managing land use, vegetation, and cultural practices to reduce saline seeps.

**Salinity and Sodic Soil Management (A), Irrigated Lands (610A):** Specifications and Practice requirements for 610, Salinity and Sodic Soil Management on irrigated lands.

**Tree/Shrub Establishment (612A-C):** Definition was expanded to list the methods utilized for establishment. Purposes were expanded and the criteria and considerations were changed to support purpose changes. Stocking standards were established for the major geographical areas of California and there are now requirements to offset plantings around and under transmission and underground gas lines.

**Waste Treatment (629):** Endangered species and cultural resources considerations have been added.

**Solid/Liquid Waste Separation Facility (632):** Endangered species and cultural resources considerations have been added.

**Manure Transfer (634):** Practice Requirements provided.

**Wetland Restoration (Code 657) -** This practice standard has been extensively edited, the definition has been modified to recognize both rehabilitation and reestablishment as restoration actions. The criteria section has been revised to include microtopography reestablishment as a specific item. The consideration section encourages restoration objectives that address non-game species, game species, and sensitive wildlife species and simultaneously while employing strategies to control of mosquitoes

**Wetland Creation (Code 658) -** This practice standard has been revised to clarify that wetland creation is limited to cases where the site being addressed was historically non-wetland. The reference to modifying a purpose to meet specific objectives has been deleted and is appropriately included in Wetland Restoration. The consideration section encourages restoration objectives that address non-game species, game species, and sensitive wildlife species and simultaneously while employing strategies to control of mosquitoes

**Wetland Enhancement (Code 659) -** This practice standard has been extensively edited for the purpose of clarity. The criteria for Vegetation Enhancement now contain references to including a minimum of six species where forested wetland is being established. The consideration section encourages restoration objectives that address non-game species, game species, and sensitive wildlife species and simultaneously while employing strategies to control of mosquitoes

**Tree/Shrub Pruning (660):** Purposes were expanded and the criteria and considerations were changed to support purpose changes.

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 Section IV.

### **Optional Filing Instructions**

Replace the “Index of Conservation Practice Standards and Specifications Index – Alphabetical Index” contents, pages 1-10, dated June 30, 2006, with the new “Index of Conservation Practice Standards and Specifications Index – Alphabetical Index” contents, pages 1-10, dated August 28, 2006.

Replace “Index of Conservation Practice Standards and Specifications Index – Numerical Index” contents, pages 1-10, dated June 30, 2006, with the new “Index of Conservation Practice Standards and Specifications Index – Numerical Index” contents, pages 1-10, dated August 28, 2006.

Remove the old practice Standards, Specifications, Practice Requirements, O&M Plans, and Statements of Work, and insert the new practice Standards, Specifications, Practice Requirements, O&M Plans and Statements of Work issued above.



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State Resource Conservationist

ATTACHMENTS: (electronic)  
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