



Natural Resources Conservation Service
300 Ala Moana Boulevard, RM 4-118
Honolulu, HI 96850

Date: March 22, 2011

Pacific Islands Area FOTG Notice PI-33

SUBJECT: SECTION IV – DOCUMENTS FOR SIX CONSERVATION PRACTICES

This Notice releases Section IV documents for the following updated conservation practices:

1. Field Border (386)
2. Filter Strip (393)
3. Grazing Land Mechanical Treatment (548)
4. Irrigation Pipeline (430)
5. Prescribed Grazing (528)
6. Terrace (600)

Instructions. Please refer to the following table for a description of the specific documents released. The documents have been posted to Pacific Islands Area eFOTG and are available for viewing and printing online at: <http://www.nrcs.usda.gov/technical/efotg/index.html>.

Contact.

If you have any questions about:

- 548 or 528 documents, contact Lori Metz, State Range Management Specialist, via phone at (808) 885-6602 ext. 102 or email at Loretta.Metz@hi.usda.gov.
- 386 or 393 documents, contact Adam Reed, State Water Quality Specialist, via phone at (808) 541-2600 ext. or email at Adam.Reed@hi.usda.gov
- 430 or 600 documents, contact David Fischer, State Resource Engineer, via phone at (808) 322-2484 ext. 105 or email at David.Fischer@hi.usda.gov.
- This notice, contact Kara Nelson, Resource Conservationist, via phone at (808) 541-2600 ext. 121 or email at kara.nelson@hi.usda.gov.

A handwritten signature in blue ink, appearing to read "Lawrence T. Yamamoto".

LAWRENCE T. YAMAMOTO
Director
Pacific Islands Area

Distribution: AE (All Employees)

The following is a description of the documents released and changes made to eFOTG:

| Document | Description |
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| PI FOTG Notice PI-33 | New PI Notice. |
| PI Register of FOTG Notices | Revised PI Register. |
| Section IV Table of Contents | Revised Section IV Table of Contents. |
| Section IV – Index of Standards and Specifications | Revised Index. |
| Field Border <ul style="list-style-type: none"> • Standard • Statement of Work • BLANK Jobsheet • EXAMPLE Jobsheet | <p>Field Border (386) – provides guidance to establish a strip of permanent vegetation at the edge or around the perimeter of a field.</p> <p>The attached documents update and revise the Practice according to the most recent National version of the Practice. Pollinator habitat was added to the wildlife habitat purpose and to the criteria, and other considerations were added to address pollinator habitat.</p> |
| Filter Strip <ul style="list-style-type: none"> • Standard • Statement of Work • BLANK Jobsheet • EXAMPLE Jobsheet | <p>Filter Strip (393) – provides guidance to establish a strip or area of herbaceous vegetation that removes contaminants from overland flow.</p> <p>The attached documents update and revise the Practice according to the most recent National version of the Practice. Considerations were added to address opportunities to include plant species and additional filter strip width to support pollinator habitat.</p> |
| Grazing Land Mechanical Treatment <ul style="list-style-type: none"> • Standard • Specification • Statement of Work • BLANK Jobsheet • EXAMPLE Jobsheet | <p>Grazing Land Mechanical Treatment (548) – provides guidance for the modifying the physical soil and/or plant conditions with mechanical tools.</p> <p>The attached documents update and revise the Practice according to the most recent National version of the Practice. Substantial changes have been made to this Practice Standard. The "Criteria" section changed, referring to and adding prescribed grazing following treatment. Considerations were expanded and references were added.</p> |
| Irrigation Pipeline <ul style="list-style-type: none"> • Standard • Specification • Statement of Work • Operation and Maintenance | <p>Irrigation Pipeline (430) – provides guidance for a pipeline and appurtenances installed to convey water for storage or application, as part of an irrigation water system.</p> <p>The attached documents update and revise the Practice according to the most recent National version of the Practice. Substantial changes have been made to this Practice Standard. The title was changed from "Irrigation Water Conveyance, Pipeline, (various)", combining six previous separate standards for Aluminum Tubing (AA), Nonreinforced Concrete (CC), High-Pressure, Underground Plastic (DD), Low-Pressure, Underground Plastic (EE), Steel (FF), and Reinforced Plastic Mortar (GG). The standard for Asbestos-Cement Pipe (BB) was deleted. Criteria in NEH-</p> |

| Document | Description |
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| | <p>636, Chapter 52 "Structural Design of Flexible Conduits" are referenced. Langelier Saturation Index equation and References were added.</p> <p><u>Note:</u> The specification released in this notice is for the design of plastic pipeline. The specification for other materials will be released separately.</p> |
| <p>Prescribed Grazing</p> <ul style="list-style-type: none"> • Standard • Specification • Statement of Work • BLANK Jobsheet • EXAMPLE Jobsheet • Worksheets | <p>Prescribed Grazing (528) – provides guidance for managing the harvest of vegetation with grazing and/or browsing animals.</p> <p>The attached documents update and revise the Practice according to the most recent National version of the Practice. The date of the standard was changed. In addition, the following PI worksheets have been added to assist in planning: variable stocking rates, days of grazing by pasture, and rainfall data and graph.</p> |
| <p>Terrace</p> <ul style="list-style-type: none"> • Standard • Specification • Statement of Work • Operation and Maintenance | <p>Terrace (600) – to reduce erosion by reducing slope length with an earth embankment, or a combination ridge and channel, constructed across the field slope.</p> <p>Significant editing has been performed on this standard, but no changes of significance were made to its content. Design information that is contained in other agency technical references, such as the Revised Universal Soil Loss Equation (RUSLE) parameters and equations for computing ridge heights has been removed. Otherwise, the "Criteria" section of standard has not been substantially altered.</p> |

