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MARYLAND TECHNICAL GUIDE

CHANGE NOTICE NO. 78

Purpose. To distribute Conservation Practice Standards and Statements of Work in Section IV. A revised List of Conservation Practices and the Change Notice Register have also been updated.

Effective Date. Upon receipt.

Explanation. Section IV: The following Maryland conservation practice standards are issued as final:

- **Animal Trails and Walkway (Code 575)** – This new Maryland standard is for established lands or travel ways that facilitate animal movement.
- **Drainage Water Management (Code 554)** – This new Maryland standard is for the process of managing water discharges from surface and/or subsurface agricultural drainage systems.
- **Irrigation Reservoir (Code 436)** – This new Maryland standard is for an irrigation water storage structure made by constructing a dam, embankment, pit, or tank.
- **Irrigation System, Microirrigation (Code 441)** – In this revised Maryland standard, the Unit was changed from (No. & Ac.) to (Ac.). A new purpose of “Reduce Energy Use” and accompanying Criteria were added. The filter permissible design head loss was changed, and a requirement for an Irrigation Water Management Plan was added.
- **Irrigation System, Tailwater Recovery (Code 447)** – In this revised Maryland standard, a new Purpose of “Reduce Energy Use” and accompanying additional Criteria was added.
- **Irrigation Water Management (Code 449)** – This existing Maryland standard is being revised to add a new Purpose of “Reduce Energy Use” and accompanying additional Criteria and Reference were added.
- **Pumping Plant (Code 533)** – This existing Maryland standard is being revised to add a new Purpose of “Reduce Energy Use” and accompanying additional Criteria was added. The Criteria Applicable to All Purposes was augmented for renewable power units, and Additional Criteria Applicable to the Improvement of Energy Efficiency was removed.
- **Waste Recycling (Code 633)** – This is an existing Maryland standard formally named “Waste Utilization”. The name is changed to “Waste Recycling”. A new Purpose of “Reduce Energy Use” and accompanying additional Criteria was added. The application is more focused on processing and recycling agriculture waste material into a valuable by-product.

- **Waste Transfer (Code 634)** – Formerly titled “Manure Transfer”, this practice standard was expanded to encompass manure and other byproducts of agricultural operations. Previously, the standard only addressed manure. This standard applies where excess byproducts (wastes) accumulate and can be transferred to an area for utilization as a resource. The Criteria Section is expanded to include a description of solid-liquid separation and a clarification of clean-out access requirements
- **Watering Facility (Code 614)** – In this existing Maryland standard, Criteria were reworded to require escape facilities unless local knowledge and experience indicate that wildlife will not be at risk of drowning.
- **Water Well (Code 642)** – In this existing Maryland standard the Purpose was clarified to exclude human consumption. Screen entrance velocity criteria were changed in accordance with the American Water Works Association standard.
- **Well Water Testing (Code 355)** – This new Maryland standard is for testing for physical, biological, and chemical characteristics of groundwater in wells or spring developments. Note that the “Conditions Where Practice Applies” section excludes water wells not for agricultural use.

Filing
Instructions.

Section I:

- File this Change Notice and the Change Notice Register (new page xix) in the front of Section I of the Field Office Technical Guide.

Section IV-A: Contents of this section are distributed in electronic format (eFOTG) only. If desired, paper copies of the standards may be downloaded from the eFOTG and filed in Section IV-A of the FOTG binder.

- File the revised List of Conservation Practice Standards in the front of Section IV-Practice Standards. Discard the old list.
- Remove and replace the old standards for Codes 441, 447, 449, 533, 614, 633, 634, and 642.
- File the new standards for Codes 355, 436, 554, and 575 in Section IV.

Distribution.

This Change Notice and the Change Notice Register are being distributed as paper copies to Maryland NRCS Field Service Centers. All new and revised standards can be downloaded from the eFOTG at the following address:

<http://www.nrcs.usda.gov/technical/efotg> . Click on Maryland, and go to the appropriate section.

If you have questions concerning this Change Notice, please contact Allan Stahl, State Conservation Engineer at 443-482-2962 or email allan.stahl@md.usda.gov .



JON F. HALL FOR
State Conservationist

Attachments

DIST: Maryland NRCS Field Offices (Change Notice only)
Maryland State Technical Committee (Change Notice only)