



Natural
Resources
Conservation
Service

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**TECHNICAL GUIDE
NOTICE #265 (electronic)**

Purpose: To transmit information regarding the electronic NRCS Field Office Technical Guide (eFOTG).

Effective Date: This notice is effective upon receipt.

Notice of Changes

SECTION IV. Practice Standards and Specifications

Conservation Practices

The **Waste Storage Facility (313)** Conservation Practice Standard was updated to reflect current design methods and provide consistency with the Agricultural Waste Management Field Handbook (AWMFH), Appendix 10D for earthen liners.

- 2014 revisions to the well isolation distance worksheets precipitated a change to the 313 practice standard well isolation distance criteria. A hyperlink to the NRCS well isolation distance worksheets is included in the 313 practice standard.
 - Where a well isolation distance reduction is used, a copy of the decision is to be provided to the local health department for their records.
- MDEQ-CAFO permit requirements for emergency storm storage are better defined for Swine, Poultry, and Veal operations.
- Clarification was added on solid stacking facilities so that manure is not overtopping the storage walls when stacking solid manure above the wall height.
- Clarification was added on emptying components to ensure liner protection.
- Clarification was added on safety fencing of waste storage facilities.
- Additional information was added on water table determinations and artificial drainage designs.
- Additional information was added on subsurface investigations and embankment heights.

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DIST: All Holders of the Field Office Technical Guide

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- All earthen liners shall now follow the AWMFH, Appendix 10D for specific discharge when designing an earthen liner and determining the liner thickness. Refer now to the individual Liner (521A-D) practice standards for liner criteria to be used for designs.
- Additional criteria were included for natural clay base liners, subsurface investigation work, and permeability testing.
- Table 1 – Potential Impact Categories for Liner Failure was moved from considerations to criteria to address when an enhanced or dual liner shall be designed.

Waste Storage Facility (313) Statement of Work – The statement of work was updated to correct the hyperlinks and for consistency with the national 313 statement of work.

Waste Storage Facility (313) Operation and Maintenance Plans – The 313 O&M plans were reviewed and updated.

- O&M – Pond was updated to include language for monitoring and observations when a subsurface drainage system is installed under or around a waste storage pond.

Technical questions regarding the Waste Storage Facility (313) standard should be addressed to Rick Woodford, State Conservation Engineer, at (517) 324-5232.

Questions regarding Field Office Technical Guide should be addressed to Ruth Shaffer, Water Quality Specialist, at (517) 324-5239.



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