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SUBJECT: Technical Guide Notice No. 78

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TO: All Holders of the PA Technical Guide

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**Purpose.** To revise Standard and Specification 313 (Waste Storage Facility), and add Standard and Specification 656 (Constructed Wetland) to Section IV.

**Background.** PA313 is revised to update design criteria (foundations and timber structures), design and check data requirements (construction checks and documentation), and specifications (materials, cold weather concrete, and use of super plasticizers).

PA656 replaces the design guidance document which had been in use since 1991. The new standard makes reference to NEH Part 637, Environmental Engineering, Chapter 3, "Constructed Wetlands", which can be downloaded at:

<http://www.info.usda.gov/CED/ftp/CED/neh637-ch03.pdf>

Chapter 3 provides planning guidance and required design procedures.

**Filing Instructions.** Remove and replace Standard and Specifications PA313 and add Standard and Specification 656 to Section IV, and make the appropriate pen & ink changes to the Index of Conservation Practices. Discard the 1991 "Technical Requirements for Constructed Wetlands for Agricultural Wastewater Treatment."

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Enclosure