



Natural Resources Conservation Service
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**NATIONAL ENGINEERING MANUAL (Second Edition)
IL 210-V, AMENDMENT IL-24**

Subject: Engineering Authorizations

Purpose: To distribute instructions for providing engineering technical assistance to livestock producers subject to the Illinois Livestock Management Facilities Act and to distribute new Illinois supplements to Part 501 of the NEM.

Effective Date: Upon receipt.

Explanation: Final rules for the 1999 revision to the Livestock Management Facilities Act have been published (January 2002) and are now posted at the following website:
<http://www.agr.state.il.us/Environment/LMFA/livestockrules.html>.

The new law/rules require(s) a Notice of Intent to Construct be filed with the Illinois Department of Agriculture by any producer proposing to construct any new lagoon or non-lagoon livestock waste handling facility. This requirement applies to both new and existing livestock management facilities and to any kind of animal feeding operation, regardless of the number of animals.

All NRCS-IL employees who do/will plan CNMP's should access the above website and download the following documents:

- Livestock Management Facilities Act
- Livestock Management Facilities Act Regulations
- Livestock Waste Regulations (Construction Standards)
- Waste Release Reporting Procedures from IEPA

Any producer receiving NRCS/District assistance for a CNMP will be advised of the need to file a Notice of Intent to Construct with IDA, if the following practices are proposed to be constructed:

- Waste Treatment Lagoon - IL 359
- Waste Storage Facility - IL 313 (Includes ponds, tanks and settling basins)
- Filter Strip (for Lot Runoff) - IL 393 A

NRCS/District employees will provide assistance to landowners, within their engineering job approvals, in gathering information, designs, etc. necessary for submission of a Notice of Intent. No assistance should be provided producers in construction of facilities covered by the Notice of Intent to Construct until permission to construct has been granted by the Illinois Department of Agriculture.

The Illinois Department of Agriculture is requiring that certain designs, part of a Notice of Intent to Construct be sealed by an Illinois Licensed Professional Engineer. These elements include:

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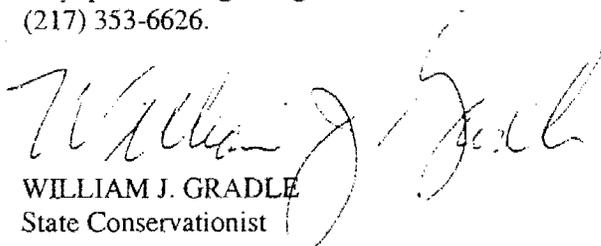
1. Geologic Investigations for determining existence of aquifer materials if a lagoon is proposed (may also be performed by an Illinois Licensed Professional Geologist).
2. Design of liners for lagoons or earthen, non-lagoon waste storage facilities.
3. Design for any liquid waste storage facility except concrete structures designed and constructed in accordance with Midwest Plan Service Concrete Manure Storage Handbook, MWPS-36 or, in the case of circular concrete tanks, Circular Concrete Manure Tanks, MWPS TR-9.

For those elements of a CNMP where the IDA requires a P.E. signature/seal, the producer will be referred to a private consultant for engineering design and construction inspection. NRCS/District employees may provide surveys, sizing of facilities and even standard drawings to help offset cost to the producer, but the design drawings and other documentation (if required by IDA) will have to come from the P.E. The structure that the P.E. designs is still eligible for cost share (e.g. EQIP) as long as the requirements of the appropriate practice standard are met. Certification will be based on P.E.'s documentation of design and construction.

Instructions: All NRCS Offices in Illinois are instructed to access the IDA website and download the listed documents.

Remove pages IL 505-2(1) and 2(2), dated April, 2002. Insert pages IL 505-2(1) and 2(2), dated July, 2002.

Any questions regarding this transmittal should be directed to Jim Evans, State Conservation Engineer at (217) 353-6626.



WILLIAM J. GRADLE
State Conservationist

Attachments

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Midwest SCE's
Regional Office

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