



Fond du Lac County

LAND & WATER CONSERVATION DEPARTMENT "LWCD"
PHONE (920) 906-4680

Agricultural Service Center
W6529 Forest Ave., Fond du Lac, WI 54937

FOND DU LAC COUNTY LIVESTOCK MANURE MANAGEMENT – PROCEDURES FOR INVOLVEMENT BY A PROFESSIONAL ENGINEER

Initial Planning

- The engineer involved shall be a licensed professional engineer with the State of Wisconsin, and deemed eligible to practice by the State of Wisconsin Department of Regulation & Licensing.
- The engineer and landowner shall arrange soil investigations and notify the Fond du Lac County LWCD. County staff must have the opportunity to be present, schedule well in advance.
- Fond du Lac County LWCD personnel will be present during all soil boring investigations. Any soil delineation discrepancies will be finalized with additional soil borings conducted by a Natural Resources Conservation Service, Soil Scientist / Engineer or Department of Agriculture, Trade, and Consumer Protection, Engineer / Engineering Specialist.
- Should any analytical soil tests be required, the landowner shall be responsible for all costs incurred from the sampling, transportation, testing, etc.
- Copies of non-county documented soil boring information, including any site limitations, soil analysis, etc shall be forwarded to the Fond du Lac County LWCD at the address listed above.
- The Fond du Lac County LWCD will not be in charge of the design, layout, construction, construction inspection, inspection plan, operation & maintenance agreement, or as-built certification, this will be done by a private party. The Fond du Lac County LWCD will provide design/as-built review, permitting issuance/revocation, and limited construction inspection for quality assurance.
- Designs of all manure storage facilities must at a minimum meet all standards and specification listed in Chapter 14 of the Fond du Lac County Livestock Manure Management ordinance.
- Fond du Lac County LWCD will review the design submittal, which may result in one or more written plan review('s) documenting the requested changes / additions / subtractions. Please understand that the review('s) is intended to be an opportunity for all parties to initiate and engage in mutual dialog on any presumed divergence from the appropriate construction standards and specifications listed in Chapter 14 of the Fond du Lac County Livestock Manure Management ordinance. **Note: plans lacking items (a – q) as identified on the Fond du Lac County Livestock Manure Management Permit application shall be automatically rejected.**
- All project information will be kept on file at the Fond du Lac County LWCD in paper format.

Pre-Construction

- A preconstruction conference with the landowner, engineer, contractor('s), and Fond du Lac County LWCD representative may be held to discuss the plan review, inspection plan, i.e. how the inspections by the engineer or possible third party supervisory agents will occur; redlined "as-built" plans, and any needed documentation of construction materials prior to the start of construction.
- Landowner may possibly need to schedule additional time with a Fond du Lac County LWCD agronomist to review and finalize a nutrient management plan / timeline.
- Remaining applicable Fond du Lac County LWCD permit fees will be collected.
- Once the construction / nutrient management plans are approved, the permit('s) will be signed and granted by the Fond du Lac County LWCD County Conservationist.



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Construction

- Fond du Lac County LWCD shall be informed two days prior to each portion of construction.
- Fond du Lac County LWCD will be notified of any changes to the construction plan. Unusual circumstances where substantial changes / additions / location movement, etc are proposed, a delay in construction activities may occur until a professional engineer stamps and signs an updated construction plan. Any manure storage facility or portion thereof, constructed without proper notification to the Fond du Lac County LWCD may not be eligible for any certification.
- Fond du Lac County LWCD will perform quality assurance construction inspection however LWCD personnel will not act on behalf of the designing engineer. Questions or concerns during construction will be directed to the landowner and ultimately to the designing engineer. Names and phone numbers of collaborating agency engineers can be made available if the designing engineer would like interpretations / clarifications / further discussions of the construction standards and specifications listed in Chapter 14 of the Fond du Lac County Livestock Manure Management ordinance.
- Appropriate measures will be taken to correct any immediate problems or concerns. Fond du Lac County LWCD may issue a "Stop Work Order" if conditions arise that need immediate corrective action.

Post-Construction

- The designing engineer will provide Fond du Lac County LWCD a written statement within 30 days following completion of the animal manure storage liner and/or the transfer system, certifying that the installation as constructed meets all current applicable standards and specifications. In addition the written statement shall identify any deviations from the original plan. Within 90 days after completion of the animal manure storage liner / transfer system, a copy of the inspection report, any supporting documentation, notation of any deviations, and a set of fully "red lined" as-built plans, stamped and signed by a professional engineer with an attesting statement as meeting all applicable standards and specifications shall be submitted to the Fond du Lac County LWCD.
- Landowner and contractor(s) will also need to sign an Animal Waste Storage Facility Construction Certification form.