

## **STEPS TO MANURE STORAGE CONSTRUCTION**

- Contact Polk County LWRD for copies of current standards, specifications, and ordinances. View Polk Co. Manure and Water Quality Management Ordinance at website [www.co.polk.wi.us](http://www.co.polk.wi.us) then pick “departments”, “land and water resources”, “ordinances”. See NRCS standards and specifications at [www.wi.nrcs.usda.gov](http://www.wi.nrcs.usda.gov), pick “field office tech guide”, “Section IV”.
- Enlist the services of a qualified professional engineer (P.E.).
- Decide facility location and dimensions, keeping in mind:

Zoning requirements: minimum distance to property line = 5 ft.  
minimum distance to center line of road = 63 ft.

DNR & Army Corps. regarding digging or filling of wetlands.  
DNR - WPDES permit if > 1000 Animal Units (calc. by 1000 lb. wt.).

NRCS Standard 313 – requires minimum distance between manure storage facility and well, distance down to seasonal high ground water or bedrock.

Grade A milk requirements – manure storage facility set-back distance from milkhouse (plus others?).

- Conduct soils investigations – usually done with trackhoe. Soils logged by P.E. or LWRD technical staff.
- Engineer develops construction plan, certifying that plan meets all applicable standards and specifications. Plan must include all requirements listed in Polk County Manure and Water Quality Management Ordinance.
- Nutrient Management Plan, including:
  - Conservation plan developed with the farmer, consultant and LWRD.
  - Soil testing samples.
  - Nutrient management plan written AS BUILT – with expected number of animals.
  - Plan must show adequate acres to spread manure meeting 590 standards.
- Submit application, construction plan, nutrient management contract with Certified Crop Advisor, and application fee to Polk County Land and Water Resources Dept.
- Plans will be reviewed and permit issued if standards are met.  
NOTE: Do not forget to call DIGGERS HOTLINE.
- Construction may begin provided LWRD staff is notified at least two (2) working days in advance.  
NOTE: A preconstruction meeting between the engineer, contractor (including job foreman), landowner, and LWRD technical staff is highly recommended.
- Certification that facility was constructed according to the approved construction plan, by a professional engineer, within 30 days of completion. LWRD staff may conduct site inspections during construction.

This document is not a complete list of all standards, specifications, and ordinance requirements. It is intended as a general guideline only, and other rules may also apply.