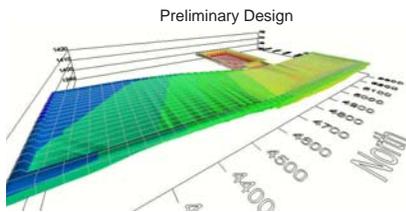


Timeline for Planning an Ag Waste System



Many factors influence the process for installing an Ag Waste Management System as part of a comprehensive nutrient management plan (CNMP). Understanding the full process is important when developing a timeline for implementation.

There are six basic elements in a CNMP that must be addressed in planning and include the following: feed management, manure and wastewater handling and storage, nutrient management, land treatment practices, record keeping and other manure and wastewater utilization options. Planning these elements may take several weeks to several months depending on the availability of the producer and technical staff.

The engineering design of the manure and wastewater handling and storage facility represents only a portion of a complete CNMP. The design and construction of an ag waste facility is frequently a complex and involved process.

The list below describes the time a producer may reasonably expect when requesting this portion of a CNMP.

- Planning visit (1 day)
- Topographic Survey (1-2 days)
- Preliminary Design (6-8 days)
- Soils Investigation (1-2 days)
- Final Design, Review and Revisions (7-10 days)
- Review by South Dakota Department of Environment and Natural Resources (30-60 days)
- Design Revisions (1-2 days)
- Local Zoning Clearance (Unknown)
- Construction Layout, Checking, and Certification (13-19 days)

Due to the fact that most waste storage facilities represent a significant change both on the ground and in the management of animal production operations, the time required to implement these practices cannot always be easily predicted. While the actual construction time may only be two to four weeks, most projects take between one and two years to complete due to variables such as staff availability, technical service provider (TSP) involvement, third-party construction timelines, state and local regulatory clearance, adverse weather conditions, etc.

