

Services in the Agriculture Community

THA Engineering Solutions has provided structural design services as well as site plan location and Quality Assurance Inspections for Agriculture Waste Management Structures across the state of Kentucky. THA projects range from chicken litter containment/dry-stack pads to dry-stack containment structures for dairy cattle and beef cattle operations. Our flexible design approach makes our buildings adaptable to a wide range of uses in Agriculture.

THA is licensed in KY, IN, OH, and FL

*Integrated
Timber
Frame/
Concrete
Structure*



50x50 Open Timber Frame Dry-Stack Structure with Treated Wood Pushwall

Agriculture Buildings

THA has developed design and detail plans for two (2) basic types of Waste Storage structures:

1. **Open Timber Frame Covered Dry-Stack Structure with Timber Pushwall** – designed for stacking and storing cattle waste or chicken/turkey litter – can be modified or suited to other uses.
2. **Integrated Timber Frame Structure with Concrete Liner Pushwall** – timber posts are bolted to concrete wall stabilized on reinforced concrete spread footing.

THA has structural expertise and resource ability to custom design a structure for most any purpose.

Services to USDA / NRCS

THA is certified as a Technical Service Provider (TSP) with U.S. Dept of Agriculture/Natural Resources Conservation Service. THA Engineering has provided structural engineering services to Land Owners to assist in:

1. **Planning and location** of Waste Management (manure dry-stack) structures for poultry and cattle operations as well as Combination Feed/Stack buildings for cattle manure.
2. **Structural Design** for cost-effective structures based upon sound engineering practices and knowledge of available labor and materials.
3. **Quality Assurance Inspections** for NRCS 313 structures.

Structures are designed to comply with NRCS Conservation Practice Standard and Construction Specification Code No. 313 and/or as required by local NRCS or other authority. Our goal is to support the mission of NRCS and to deliver our work to the Land Owner in a courteous manner with honesty, integrity and professionalism.

Tony Huff is certified as a TSP with NRCS



Quality Control Construction Inspections as Required by NRCS

