Site Information

A. Site Description

Kevin and Scott Logeman operate Logeman Brothers Farm near Metropolis in Massac County Illinois.

Logeman Brothers Farm consists of two separate sites a finishing site and a nursery site. The Nursery site is used to house a maximum of 2100 head of nursery animals. The finisher site is used to house a maximum of 5340 head of finisher pigs.

The Nursery Site consists of one nursery building that measures 170' x 55' this building is a shallow pit building that drains to a two stage lagoon system. The first stage of the lagoon measures 68' x 208' and has an available storage capacity of 40,267 cubic feet or 301,264 gallon. The second stage of the lagoon measures 388' x 88' this structure has a capacity of 134,017 cubic feet or 1,002,447 gallon.

The Finisher Site consists of three separate sets of buildings and waste storage structures. The West Finishers consist of three (3) buildings that measure: 260' x 41', 134' x 41', and 218' x 41'. 3000 head of 160 lb average weight finisher pigs are housed at the West Finishers. The West Finishers are all 2' shallow pit buildings that drain to two earthen storage structures. These structures and the 2' pits have a combined storage capacity of 96,189 cubic feet or 719,496 gallons. The East Finishers consist of five (5) finisher buildings that measure: 190' x 28', 170' x 28', 190' x 28', 170' x 28', and 133' x 28'. These buildings all have 2' shallow pits that drain to two (2) large lagoon/earthen storage structures. The combined capacity of the waste storage structures is 187,322 cubic feet or 1,401,169 gallons. A third Overflow building and waste storage pond is used for finisher pigs that are not at market weight when a group of pigs are ready to be shipped. A maximum of 40 head of finisher pigs are housed in this building. The Overflow building measures 35' x 70' and drains to an earthen storage pond with a total capacity of 13,945 cubic feet or 104,309 gallons.

Producer utilizes composting for mortality management. Producer is planning on abandoning the current composting facility and constructing a new covered composting facility.

Manure is transferred for land application using a liquid tanker or irrigation system. Low nutrient waste water from the large lagoon/earthen storage structures at the East Finishers or the Nursery site is applied via irrigation to grass hay fields. Higher nutrient content manure from the holding ponds at the West Finishers is hauled via manure tanker and injected on crop ground.