



Case Study

Liquefy Solids

Hostetter Management BioSystem

Chris Frame
Environmental Manager
Ephrata, PA 17522

FACILITIES

This facility houses 2,800 sows and 7,500 nursery pigs. The buildings have 24" pull plug pits with a storage system consisting of a 2 million-gallon primary and a 5 million-gallon secondary lagoon

PRE PITCHARGER ENVIRONMENT

Solids were accumulating inside the buildings and complaints were registered regarding lagoon odor emissions.

PITCHARGER ENVIRONMENT

Since *PitCharger* was introduced in June 2001, solids have been eliminated from the buildings and odors were reduced. A mixing system was installed in the primary cell September 21, 2001.

Ten days after the installation of the mixing system, Environmental Manager, Chris Frame observed, "There is no detectable odor coming off the primary lagoon."

CURRENT STATUS

***PitCharger* maintenance applications continue in the buildings along with mixing/aeration in the primary cell. On-going samplings of COD, BOD, TSS, Phosphorus, TKN, Ammonia N and VS commenced September 21, 2001.**

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