



Case Study

Liquefy Solids

Fox Ridge

Fox Ridge L.L.C., Corsica, SD 57328
Rich Van Zee, Manager

FACILITIES

Fox Ridge is a 2,600-head sow unit. Buildings are pull plug with plugs at each end of the pits. Pits drain to an 8,000,000-gallon lagoon.

PRE-PITCHARGER ENVIRONMENT

The middle of the pits had 9" of thick sludge build-up that would not drain or flow. This area was increasing every month and stopping the flow of liquid from one end to the other. Rick was forced to pull plugs at both ends at the same time to drain.

PITCHARGER ENVIRONMENT

In mid-July, *PitCharger* was applied to the pits where the sludge was thickest. Another application was made in mid-August. By September the bacteria had liquefied all the sludge and the pits could be completely drained from either end. Increased anaerobic activity was also seen in the lagoon, where the bacteria continued to work after it had been pumped. During the third year of use, Rick observed they were no longer having a spring turnover and the resulting odor in their lagoon.

PRODUCER COMMENTS

"We started using *PitCharger* after we discovered we had 9" of manure that wouldn't drain in our pits. After 60 days the manure was liquefied and flowed easily. We continue to use *PitCharger* to control solids and odor in both our buildings and lagoon."

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