



# Case Study

## Liquefy Solids

### **E & S PORK, INC.**

Ed Burkhardt, Officer/Operator  
Farmland Contractor

### **FACILITIES**

Four pull plug, 1,000 head pull plug units with tunnel ventilation. Each pit has pull plugs at both ends. Slurry is drained into a 1.8-million gallon cement basin.

### **PRE-PITCHARGER ENVIRONMENT**

Manure solids had built up to the point that one-third to one-half of the length of the pits were plugged. Draining could only occur at one end of the buildings. Solid manure measured 9- to 12-inches in the pits and liquid was being channeled down the side of the pits.

### **PITCHARGER ENVIRONMENT**

During late fall monthly *PitCharger* applications were started. In some cases *PitCharger* was injected and worked into the thickest solids. In 90 days (3 pull plug cycles) the pits were liquefied and could be drained from either end of the buildings.

### **PRODUCER COMMENTS**

**“Results were as good or better than claimed. The ALD/*PitCharger* representative went out of his way to help and was not afraid to dig in and help work in the barns. He checked back often. I was impressed by his knowledge and he had data and results to back up his claims. Overall, ALD/*PitCharger* and their representative far exceeded my expectations.”**

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