

# Biosecure Manure Pumping Protocols for PED Control: Recommendations for Pork Producers

## Key Points

The recent introduction of the Porcine Epidemic Diarrhea Virus (PED) into the United States presents a new challenge for manure pumping. **Infection with PED can create tremendous financial losses to a producer.** PED virus transfers via feces and survives in manure for extended periods of time. Any object that becomes contaminated with pig manure can be a source of infection for pigs.

### COMMUNICATE with the Manure Hauler:

- When scheduling with the manure hauler:
  - Find out when the manure hauling crew will be coming to the farm and require to be notified when they arrive.
  - Ask where the manure hauling crew has been prior to coming to your site.
  - Ask what biosecurity procedures the manure hauling crew uses between customers to understand disease risks to your herd.
  - Share contact information between the manure hauling crew and farm personnel.
- Discuss your biosecurity expectations for the manure hauling crew.
  - Plan entrance and exit to the site with minimal cross-over with the path for the manure hauling crew and the rest of farm traffic or areas used by farm staff.
  - Explain the routes that will be used to transport manure to fields.
  - Discuss how any manure spills are to be handled.

- Explain where the “**Line of Separation**” is between the set-up, hauling equipment and farm site.
  - This separates the area that is to be used by the manure hauling crew and the area to be used by daily farm traffic and personnel.
  - Do not let the manure hauling crew cross over the Line of Separation.
- Inform all your employees of the biosecurity requirements discussed with the manure hauling crew.**

### At the time of pumping COMMUNICATE with the Manure Hauling Crew:

- The manure hauling crew is not to enter the barns, office areas or walk over areas used by farm personnel and should never come in direct contact with the pigs.**
- Farm personnel needs to avoid any direct contact with the manure hauling crew and the pumping and application equipment.

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- IF farm personnel must cross over the Line of Separation they must do the following:
  - **Cover-up** with clean protective gear (clean boots, coveralls, gloves) before crossing to the manure hauling crew side of the Line of Separation.
  - **Dispose of or properly contain** any contaminated clothing in plastic bags / totes before crossing back to the farm side of the Line of Separation.
  - **Follow all shower-in or other biosecurity protocols** of the farm before crossing back to the farm side of the Line of Separation.
  - Clean and disinfect any reusable gear before it is again moved and used on the farm side of the Line of Separation.

### **After pumping COMMUNICATE with the Manure Hauling Crew:**

- Require to be contacted when pumping is done.
- Identify and discuss if there were any problems, biosecurity breaches, manure spills or need for any clean up after pumping and hauling.
- Consider providing a water source away from the facility or traffic patterns for the manure hauling crew to use to clean your manure from their equipment before leaving the farm.

**PED virus infection at the sow farm can create near 100% mortality of piglets. Cleaning, disinfecting and drying all equipment is mandatory if moving to a sow site.**

**The biosecurity protection of your herd is your responsibility. Protect the health of your herd and communicate your biosecurity expectations with your manure hauler to avoid disease introductions.**