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J&K Swine Farm, LLC **Draft Permit to Operate Renewal**

J&K Swine Farm, LLC is located in Darke County, Brown Township, at 11054 Michael Road, Ansonia, Ohio 45303 in the Upper Great Miami River watershed. The facility is owned and operated by J&K Swine Farm, LLC. of which Jamie and Kim Campell are members.

This draft Permit to Operate (PTO) is a renewal application for the expiring PTO that was issued by the Ohio Department of Agriculture (ODA) in 2011 and was valid for five years. This PTO would also be valid for a five-year period, at which time the owner would be required to apply for renewal.

The existing facility has two 2,450 head finishing barns, with a total combined design capacity of 4,900 hogs weighing more than 55 lbs. This will remain the same under the permit renewal. Each of the finishing barns has a concrete tank beneath it to store the manure. The facility records show an average of about 1.26 million gallons of manure produced annually by the facility. The existing concrete tanks under the buildings provide a combined 2.1 million gallons of storage capacity, which would be more than 600 days of storage. J&K Swine also produces about 17 tons of mortality compost which is stored in a 3,479 ft³ mortality compost barn. This barn provides more than a year of storage for the compost.

J&K Swine Farm proposes to sell or give 852,708 gallons of manure each year to a local farmer as allowed by ODA rules for Distribution and Utilization. The remaining 353,562 gallons of manure and 17 tons of compost generated by the facility each year will be applied to 179 acres of crop land by the facility in accordance with ODA rules. The land application of manure will recycle organic nutrients and augment or replace the application of commercial synthetic fertilizers that would otherwise be needed to satisfy the crop nutrient requirements. The application fields have been soil tested, and a summarized nutrient budget is included in the permit for these acres. The planned crop rotation is corn and soybeans. Additional details can be found in the Manure Management Plan of the draft PTO

Additionally an Insect and Rodent Control Plan is required to minimize the presence and negative effects of insects and rodents.

A Mortality Management Plan is required for the disposal of dead livestock. Approved methods are burying, burning, rendering and composting. J&K Swine Farm utilizes composting as their method of disposal.

An Emergency Response Plan is also required to ensure that accidents or emergencies are handled quickly and efficiently to maintain the safety of the environment, including wildlife, water supplies and resources.

Finally, an Operating Record is contained in the draft Permit to Operate that includes all forms and information that must be maintained by the facility to show compliance with ODA's rules and the permit. These records include inspection of the manure storage/treatment structures, groundwater monitoring, manure characterization, land application, insect and rodent control and mortality management. These records are regularly inspected by the department to assure compliance with the rules.

