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Straathof Swine Farm Draft Permit to Install and Draft Permit to Operate

General overview of the farm

Straathof Swine Farm is located in Fayette County, Wayne Township, at 7111 Old US 35 SE, Washington C.H., Ohio, in the Paint Creek Watershed. It is owned and operated by Nico Straathof. The existing facility currently has a design capacity of 2,464 swine weighing over 55 pounds. The animals are currently housed in two existing barns (Gestation Barn #1 and Farrowing Barn #1) with liquid manure stored in a concrete tank under Gestation Barn #1. The total liquid manure storage volume at the existing facility is 3.5 million gallons, estimated to provide over a years' worth of storage. The facility has an existing mortality composting pad that provides 12,480 cubic feet of storage for the management of mortality.

Overview of draft Permit to Install

The draft Permit to Install (PTI) is to construct a new 171' x 215' farrowing barn (Farrowing Barn #2) and a 323' x 154' gestation barn (Gestation Barn #2). The draft PTI proposes to construct 3.5 million gallons of liquid manure storage volume in a concrete tank located under Gestation Barn #2, bringing the facility's total liquid manure storage volume to 7.0 million gallons. The proposed Farrowing Barn #2 would have a design capacity of 480 swine weighing over 55 pounds and the proposed Gestation Barn #2 would have a design capacity of 2,400 swine weighing over 55 pounds. The maximum design capacity of the entire facility after the proposed expansion would be 5,760 swine weighing over 55 pounds.

Overview of draft Permit to Operate

Within the draft Permit to Operate (PTO), a complete manure management plan is provided which outlines inspections and monitoring that must be completed by the facility. The estimated annual manure production for the expanded facility is 6.0 million gallons. Straathof Swine has 637 acres of crop land available for the land application of the liquid manure as a replacement for commercial fertilizer.

An Insect and Rodent Control Plan is included to minimize the presence and negative effects of insects and rodents. The plan details which types of pests could potentially cause problems and how the facility will prevent those problems from occurring. The plan explains what preventative measures and treatments are available and how and when they might be employed.



A Mortality Management Plan is required for disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. Straathof Swine Farm will use composting. In the case of a catastrophic event, the mortality would be taken to a sanitary landfill.

An Emergency Response Plan is required to ensure accidents or emergencies are handled quickly and efficiently to maintain the safety of the environment, wildlife and water supplies. In case of an emergency or accident, the names and phone numbers of contact personnel and equipment are listed.

Finally, an Operating Record is included that provides 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 structures, manure characterization, land application, insect and rodent control, distribution and utilization of manure, and mortality management. The facility and these records are inspected by the Ohio Department of Agriculture to ensure compliance.

