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## **Straathof Swine** **Draft Permit to Install and Permit to Operate**

### ***General overview of the farm***

The existing facility known as “Straathof Swine” is located in Fayette County, Wayne Township, at 7111 Old US Route 35 SE., Washington Court House, Ohio 43160 in the Paint Creek watershed. The facility is owned and operated by Nico Straathof and has a permitted design capacity of 5,760 swine weighing more than 55 pounds. The liquid swine manure at the facility is currently stored in two concrete tanks below the floors of Gestation Barn #1 and Gestation Barn #2. Each tank can store about 3.50 million gallons of manure. Solid compost material is stored in a 12,480 cubic foot mortality compost storage structure. The facility has over a year’s worth of liquid manure storage capacity and over a year’s worth of storage for composted mortality material.

### ***Overview of Draft Permit to Install***

The draft permit modification proposes no new construction, but instead to increase the allowable depth of storage for liquid manure in the existing concrete tank below Gestation Barn #2. This proposed change in the maximum operating depth would increase the allowable storage volume to 3.95 million gallons for the tank below Gestation Barn #2.

### ***Overview of Draft Permit to Operate***

Within the draft Permit to Operate (PTO) renewal, a complete manure management plan is provided which outlines inspections and monitoring that must be completed by the facility. At the maximum design capacity, the facility would generate an estimated 6,012,142 gallons of liquid manure and 28 tons of composted mortality material annually. All of the composted mortality material and liquid manure would be land applied to 1,880 acres of farm land in a rotation of corn and soybeans to recycle nutrients as a replacement for imported commercial synthetic fertilizers.

An Insect and Rodent Control Plan is included to minimize the presence and negative effects of insects and rodents.

A Mortality Management Plan is required for proper disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. The facility plans to continue utilizing on-site mortality composting as the primary method to manage mortality losses.

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.

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, 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. –End-

