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GJD
Draft Permit to Operate

General overview of the farm

GJD is located in Auglaize County, Saint Marys Township, at 00143 Southland Road, New Bremen Ohio 45869. It is located in the Upper Wabash River watershed. The facility is owned and operated by Garrett Dorsten. This draft Permit to Operate is a renewal for the previously issued Permit to Operate, and would be valid for a period of 5 years.

Overview of Draft Permit to Operate

The facility consists of four existing shallow pit swine barns with a total combined design capacity of 4,000 swine weighing more than 55 pounds.

The four swine barns have shallow concrete pits located below the floors that drain to two anaerobic lagoons where liquid manure is treated and stored. The two treatment lagoons provide a combined storage capacity of 2.5 million gallons, which is about a year's worth of storage. The facility generates about 2.5 million gallons of treated wastewater and about 10 tons of composted mortality material each year. All of the treated wastewater effluent and mortality compost material would be land applied under the control of the facility to 71 acres of cropland to recycle the nutrients as an organic alternative to imported commercial synthetic fertilizers. The crop rotation on these acres includes corn, soybeans, and alfalfa.

Within this draft Permit to Operate, a complete manure management plan is provided, which also outlines inspections and monitoring that must be completed by the facility.

An Insect and Rodent Control plan is also 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 of mortality disposal are burying, landfilling, burning, rendering and composting. GJD will continue to use composting as the primary method to manage mortality losses.

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, wildlife and water supplies.

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 structures, groundwater sampling, manure characterization, insect and rodent control, distribution and utilization of manure, and mortality management. These records are routinely inspected by ODA to ensure compliance.

