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Four Pines Farms, LTD **Draft Permit to Operate**

General overview of the farm

Four Pines Farms, LTD. is located at 8064 Sugar Creek Road in Sugar Creek, Ohio, which is in Auburn and Sugar Creek Township, Tuscarawas County, and situated in the Tuscarawas River Watershed. The farm is owned and operated by William W. Deetz Family Farm, LTD. and Four Pines Farms, LTD. The farm has a design capacity of 1,730 mature dairy cows, 564 dairy heifers, and 140 calves. There are six existing liquid manure storage structures with a combined storage capacity of 17.4 million gallons, allowing for just over a year's worth of storage. The farm also has 21,917 cubic feet of storage for solid manure, providing 174 days' worth of storage.

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 is 17.4 million gallons of liquid manure from the cows, milking parlor and contaminated runoff areas. In addition, approximately 2,100 tons of solid manure will be generated annually. All the liquid manure and solid manure will be utilized by the dairy on land under their control. Four Pines Farms, LTD. has approximately 1,533 acres of cropland available for land application of the manure, which consist of a rotation of corn silage, alfalfa, wheat, triticale, rye, and hay grasses.

An Insect and Rodent Control Plan is included to minimize the presence and negative effects of insects and rodents. The farm will perform daily inspections throughout the facility for flies and rodents and strive to maintain a clean facility to prevent a habitat for such pests. These inspection results will be used to determine if the facility is required to perform treatment for insect or rodents based on the criteria set forth in the draft permit.

A Mortality Management Plan is required for disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. Four Pines Farms, LTD. will continue to utilize rendering and landfilling as their methods of mortality disposal.

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 in the plan, as well as other types of emergency contact information that may be relevant.

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.

