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Springfield Dairy, LLC **Draft Permit to Install and Permit to Operate**

General overview of the farm

Springfield Dairy, LLC is located at 17495 County Road C in Bryan, Ohio, which is in Williams County, Pulaski Township, situated in the Tiffin Watershed. The farm is owned and operated by Springfield Dairy, LLC and has a current permitted design capacity for 2,000 mature dairy cows. Manure storage at the facility consists of 28.1 million gallons of liquid manure storage and approximately 43,450 cubic feet of solid manure storage.

Overview of Draft Permit to Install

The draft Permit to Install (PTI) proposes to allow Springfield Dairy to increase the facility's design capacity by 400 cows for a total of 2,400 mature dairy cattle. The dairy proposes to construct one 400 cow freestall barn. The existing manure storage is adequate to provide 412 days of storage for all liquid manure and at least 240 days for solid manure.

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 facility is 24.9 million gallons of liquid manure and approximately 120 tons of solid manure. Springfield Dairy has approximately 1,741 acres of cropland available for manure application to be used as a replacement for commercial, synthetic fertilizer.

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 disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. Springfield Dairy will utilize rendering as their primary method of mortality disposal.

An Emergency Response Plan is required to ensure that emergencies are handled quickly and efficiently to maintain the safety of the environment, wildlife and water supply resources

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.

