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## **Gina Dairy LLC** **Draft Permit to Install and Permit to Operate**

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

Gina Dairy is an existing dairy farm located at 14349 Richey Road in Van Wert, Ohio which is in Liberty Township, Van Wert County, situated in the Auglaize River Watershed. The farm is owned and operated by Gina Dairy LLC and has a current design capacity for 838 mature dairy cows and 162 heifers. Manure storage at the facility consists of 9.9 million gallons of liquid manure storage and approximately 13,500 cubic feet of solid manure and compost storage.

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

The draft Permit to Install (PTI) proposes to allow Gina Dairy to increase the facility's design capacity to 1,300 mature cows and 200 heifers. The dairy proposes to change the configuration in their existing barns and add an additional freestall barn to house 415 additional cows. The facility is also adding additional manure storage. This draft permit proposes to add sand lanes and a sand separation pit to remove and reuse the sand bedding to reduce the traffic on the roads for field application. Additional sand storage and a 6.5 million gallon manure storage pond are also proposed to be built to provide a total of 356 days of liquid manure storage and 297 days of solid manure 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 for the facility is 17.5 million gallons of liquid manure from the cows, heifers and milking parlor. In addition, approximately 5,000 tons of solid manure will be generated annually, consisting of sand/solid laden manure and compost. Gina Dairy has approximately 2,362 acres of crop land available for the land application of the manure on nearby farmland 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. The facility performs daily inspections throughout the facility for flies and rodents. These inspection results are used to determine if the facility is required to perform treatment for insect or rodents based on the criteria set forth in the permit.

A Mortality Management Plan is required for disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. Gina Dairy will utilize composting as their method 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.





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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.

