



## **Catalpadale/Bristol Dairy Farm** **Draft Permit to Operate**

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

Catalpadale/Bristol Dairy is located at 14981 Fox Lake Road and 6818 Coal Bank Road in Marshallville, Ohio; in Wayne County, Baughman Township, in the Tuscarawas River Watershed. The facility is owned and operated by Catalpadale Dairy, Ltd. and Bristol Dairy Ltd. This draft Permit to Operate (PTO) is a renewal application for the expiring PTO that was issued by the Ohio Department of Agriculture (ODA) in 2011 and was valid for five years. This PTO would also be valid for a five-year period, at which time the owner would be required to apply for renewal.

The facility has a design capacity of 4,400 mature dairy cows and 1,400 young stock cattle. The facility will have a total manure storage volume of approximately 42 million gallons of liquid manure and 260,000 cubic feet of solid manure. All of these housing and manure storage structures are existing structures. Included with the renewal are plans to install new sand and solid separation systems to improve efficiency and manure management/handling capabilities.

### ***General overview of the draft Permit to Operate***

Within the draft PTO is a complete manure management plan. The plan estimates the annual manure generated at the facility to be 59 million gallons of liquid manure and 8,900 tons of solid manure. Catalpadale/Bristol Dairy will apply the manure on approximately 3,500 acres of land that they own or control, with a rotation of corn silage, alfalfa and some of the corn silage acres being double-cropped with rye for silage. The dairy also has contracts with local farmers on approximately 1,250 acres to land apply manure to utilize the nutrients as a replacement for commercial fertilizer.

An Insect and Rodent Control plan is required to minimize the presence and negative effects of insects and rodents. The facility performs routine inspections around the facility for flies and rodents. These inspection results are used to determine if the facility would need to perform treatment for insect or rodents based on the criteria set forth in the permit.

A Mortality Management Plan is required for the disposal of dead stock. Catalpadale/Bristol Dairy utilizes a rendering service as their method of 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 and 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 inspections of the manure storage structures, groundwater sampling, manure characterization, insect and rodent control, distribution and utilization of manure and mortality management. The facility and its records are routinely inspected by the ODA to ensure compliance.

