



## **VanderMade Dairy LLC** **Draft Permit to Operate**

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

VanderMade Dairy LLC is located at 11314 McCavit Road in Sherwood, Ohio, in Defiance County, Farmer Township, in the Tiffin Watershed. The facility is owned and operated by VanderMade Dairy LLC. This draft Permit to Operate (PTO) is a renewal application for the expiring PTO and if approved, it 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 1,800 mature dairy cows. The facility has the manure storage capacity of approximately 21 million gallons of liquid manure and 78,400 cubic feet of solid manure. All of the animal housing barns and manure storage structures are existing structures and no new construction is included in this permit.

### ***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 20 million gallons of liquid manure and 8,700 tons of solid manure. VanderMade Dairy will apply the manure on approximately 3,300 acres of land that they own or control, with a rotation of corn grain, corn silage, soybeans, wheat and alfalfa. The dairy also provides some of the solid manure to local farmers to land apply 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. VanderMade Dairy will continue to utilize a rendering service 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 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.

