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**Silver Creek Dairy Farm, LLC**  
**Draft Permit to Install and Draft Permit to Operate**

***General overview of the farm***

The facility known as “Silver Creek Dairy Farm, LLC” is an existing dairy farm located at 15681 State Route 67, Forest, Ohio 45843. It is situated in Wyandot County, Marseilles Township in the Sandusky River watershed. The facility is owned by LEIF Dairy 1 LLC and LEIF Dairy 2 LLC, and operated by Silver Creek Dairy Farm, LLC. The dairy currently has the capacity to house 588 mature dairy cows. Liquid manure is stored in two earthen manure storage ponds with a combined capacity of about 11.5 million gallons. Another existing pond provides dedicated storage for contaminated stormwater runoff and has the capacity to store 2.0 million gallons.

***General overview of the draft Permit to Install***

If approved, the Permit to Install (PTI) would have a life of 2 years, at which time an extension could be requested if construction was not complete. The draft Permit to Install (PTI) proposes to decommission the old freestall barns and construct three new freestall barns to house 792 mature dairy cows each, which would be a proposed overall design capacity of 2,376 mature dairy cows. After the construction is completed the facility would have just over one year’s worth of liquid manure storage.

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

If approved, the Permit to Operate (PTO) would have a life of 5 years, at which time a permit renewal would need to be submitted for review and public noticed. Within the draft PTO, a complete manure management plan is provided which outlines inspections and monitoring activities that must be completed. The estimated annual liquid manure production would be 24.4 million gallons of liquid manure and 2.9 million gallons of collected storm water. All of the manure generated at the facility would be land applied under the control of Silver Creek Dairy, LLC. Within the plan, about 2,780 acres will be used for the land application of manure to recycle the nutrients as replacement for synthetic fertilizers for the planned crop rotation of corn grain, corn silage, wheat, rye grass, and soybeans.

A detailed Insect and Rodent Control Plan is required to minimize the presence and negative effects of insects and rodents. The plan details which types of pests could potentially cause problems and how the facility will prevent those problems from occurring. The plan explains what preventative measures and treatments are available and how and when they might be employed. Details regarding the Insect and Rodent Control Plan can be found in the draft PTO.

A Mortality Management Plan is required for the disposal of dead livestock. Approved methods of disposal are burying, landfilling, burning, rendering and composting. The facility proposes to use on-site composting as the primary method for managing mortality losses.

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 supplies and resources. The plan also



identifies procedures to be followed during an emergency, such as a spill or discharge, as well as contact information for those who need to be notified in the event of an emergency.

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 document inspection of the manure storage structures, groundwater sampling, manure characterization, land application, insect and rodent control, distribution and utilization of manure, and mortality management. The facility and its records would be regularly inspected by the ODA to ensure compliance.

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