Agricultural Environmental Management (AEM) Grant Application

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Applicant Information			
Name:		**AEM Number (if known):**	
Farm Business Name:			
Address:		**City:**	**State:**
Email:	**Phone:**	**Zip:**	
Are you a U.S. Citizen and Franklin County resident, and at least 18 years of age? Yes No			

General Information		
Primary Farm Enterprise: Dairy | Beef | Horses Poultry | Fruit/ Vegetables | Swine | Vineyard Greenhouse | Sheep/Goats | Cash Crops Other:	**Are you currently a participant in the AEM Program?** Yes No	
How did you hear about this grant? Soil and Water Newsletter Soil and Water Office Free Trader Newspaper		
Do you have an AEM conservation plan? Yes No	**Will this project implement the entire plan?** Yes No	**Can you implement this project within 2 years?** Yes No
Are you CAFO? Yes No		
Please describe your current operation: (ex. Animal numbers, farm location, current land use, acres utilized, brief history, etc.)		

Project Description
What Best Management Practice System(s) are you applying for? (Please see attached list of Best Management Practice Systems)
Brief description of proposed project: (economic and environmental impacts expected upon completion, how the project will benefit the day-to-day operations, long term impacts expected, etc.)

Brief description continued….

Financial Information

Did your farm receive funding in the last AEM Round? Yes No

If you answered "Yes" to previous question: Did you finish that project?
Yes (skip next question) No (proceed to next question)

If "No" please explain why project wasn't finished: (ex. Time constraints, financial constraints, etc.)

Have you previously received funding from Soil and Water or NRCS?	**Was that funding for the same project you are currently applying for?**
Yes No	Yes No (proceed to workplan section)

If it is for the same project, is that project complete? Yes No

If your project is complete, how will this funding be utilized?

If your project is NOT complete, please explain why:

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Workplan
Describe in detail how you will carry out the project, what materials you will need, and the proposed timeline.

Budget & Funding Request:		
Equipment/ Materials:		$
		$
		$
		$
		$
		$
		$
Construction/Services:		$
		$
		$
Other:		$
		$
		$
Total project expenses		**$**

*** I acknowledge that this is a **cost-share reimbursement program**. I acknowledge that I will have to upfront the total project cost and upon completion of the project will get reimbursed up to 87.5% of the total project cost, leaving me responsible for **at least** 12.5% of the total project cost. ***

By selecting "YES" I am acknowledging that I understand and agree the above statement.

Yes No

By signing this application, I am stating that the above information is true and that I am ready and willing to finish my proposed project within 2 years.

Applicant Signature: _____ Date: _____

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Best Management Practices Systems:

Access Control System

- An Access Control System provides for the permanent exclusion of livestock from a waterbody or hydrologically sensitive area to protect water quality.

Agrichemical Handling and Storage System

- A permanent structure, with associated operation and maintenance procedures, that includes an impervious surface to provide an environmentally safe on-farm area for agrichemical storage, handling, mixing, loading, recovery, and rinsing.

Composting System – Animal

- An on-farm System to safely facilitate the treatment or disposal through controlled aerobic decomposition of livestock and poultry carcasses, by micro-organisms into a biologically stable, soilenriching material useful for soil amendment. This System is especially useful when rendering services are not available or too costly.

Erosion Control System – Structural

- The construction of an Erosion Control System to control the loss of soil from sheet, ephemeral, rill, or gully erosion on agricultural lands, farmsteads, and production areas. This includes Systems utilizing terraces, diversions, water and sediment control basins (WASCoBs), waterways (both grassed and lined), roof runoff practices, access roads, and associated earthmoving practices.

Feed Management System

- The continual process of providing adequate, not excess, nutrients to dairy animals through the integration of feeding and crop management to reduce nutrient excretion in manure and nutrient accumulation in soil, lower potential pollution risks to water and air resources, and improve farm profitability.

Forestry / Agroforestry System

- A System of conservation practices that enhances the growth of trees for carbon sequestration and other benefits, conservation of natural resources, and farm viability on current or proposed forest lands.

Integrated Pest Management System

- An ecologically based, site-specific integrated pest control strategy utilizing a combination of pest prevention, pest avoidance, pest monitoring, and pest suppression strategies coupled with precision application techniques and Best Management Practices when pesticide application is warranted.

Irrigation Water Management System

- A planned System that determines and controls the rate, amount, placement, and timing of irrigation water.

Livestock Heavy Use Area Runoff Management System

- A System for the interception, collection, and safe treatment of runoff water from a barnyard or concentrated livestock area.

Manure and Agricultural Waste Treatment System

- A System for the mechanical, chemical or biological treatment of agricultural wastes.

Nutrient Management System – Cultural

- Managing the amount (rate), source, placement (method of application), and timing of plant nutrient and soil amendment applications for efficient use by crops and reduced losses to the environment. If applicable, this can include addressing the issues from farmstead areas as it relates to non-point sources of pollutants.

Pathogen Management System

- Use of preventative measures, livestock management and conservation practices to provide multiple barriers to the introduction, replication, and survival of pathogens in domestic livestock and reducing the risk of pathogen contamination of surface and groundwater resources by treatment or controlling the movement of pathogens to water.

Petroleum and Oil Products Storage System

- An oil and petroleum product storage tank is a stationary facility which may include one or more above ground tanks, underground tanks, or a combination of both, for the storage, transfer, and usage of liquid oil or oil products such as diesel fuel, gasoline, kerosene, fuel oil, lubrication oil, hydraulic oil, crop oil, vegetable oil, waste oils, or animal fat. A Petroleum and Oil Products Storage System involves planning, implementation of standard operating procedures, proper tank siting, design and installation, spill and overfill prevention, leak monitoring and inspection, secondary containment, operation and maintenance, and emergency action planning.

Prescribed Rotational Grazing System

- A Prescribed Rotational Grazing System using 5 or more paddocks for a grazing season, alternating paddocks to allow for forage vigor and re-growth. Livestock graze for no more than 7 days before they are rotated to another paddock.

Process Wash Water Management System

- A System designed for the collection, storage, treatment and disposal of effluents from processes on farms that include milking centers, horse washing, egg washing, vegetable washing and fruit washing. They may contain milk solids, nutrients, liniments, organic matter and soil along with detergents, acid rinses and sanitizer, all mixed with a quantity of water. This System is not applicable for wash water containing manure and other animal waste or for wash water from commercial processing like cheese production or vegetable or fruit processing (like vineyard waste).

Riparian Buffer System

- An area of grasses, sedges, rushes, ferns, legumes, forbs, shrubs, or trees tolerant of intermittent flooding or saturated soils located adjacent to and up-gradient from waterbodies.

Short-Term Waste Collection and Transfer System

- A System designed for the collection, transfer, and short-term storage for up to 60 days of generated or imported agricultural materials, including manure, by-products, process wastewater, or organic material being utilized as a land applied nutrient source or amendment rather than animal feed or bedding.

Silage Leachate Control and Treatment System

- A System designed to reduce the generation of silage leachate and for the collection, storage, treatment and disposal of effluents and runoff from the storage of silage crops from upright and bunk silos, as well as silage storage bags.

Soil Health System

- Soil Health Systems employ cultural (i.e., non-structural, cultural or management-based) measures such as crop rotation, tillage, mulching, cover cropping, or other practices according to a soil conservation plan to control soil erosion, reduce run-off, and enhance soil health.

Stream Corridor and Shoreline Management System

- A planned System of vegetation, structures, bio-technology, or management techniques to stabilize or protect stream channels, streambanks and shorelines while also enhancing natural hydrologic processes and improving fish and wildlife habitat.

Waste Storage and Transfer System

- A System designed for the collection, transfer, or storage of agricultural livestock and recognizable process waste.