



## FUNDING PROGRAM SUPPLEMENTAL SUBMITTAL REQUIREMENTS

### **Long-Term Attainment and Maintenance of Water Quality Standards**

As is outlined in **Attachment J, Section A**, the proposed project utilizes a Community-Based Social Marketing approach to achieve the cultural change needed for livestock facilities to voluntarily adopt management measures that are protective of water quality now and into the future. Through technical and hands-on trainings, livestock owners and managers will gain a specific understanding of how their operations contribute to sediment, nutrient and pathogen pollution to surface and ground waters. They will be assisted through the process of identifying solutions and planning for improved property management practices, including completing a written site plan, which will guide practices in the long run. The construction of implementation sites will not only deliver immediate and lasting gains toward meeting water quality standards, but also further the understanding of BMP efficacy on livestock sites. These sites will also serve the community as on the ground examples of BMPs in action and serve as classrooms, training opportunities and permanent local resources for the community.

### **Implementation Strategies and Solutions and Existing Watershed Management Efforts**

This project furthers a comprehensive watershed approach by bringing together a wide variety of people and organizations working on water quality issues throughout the four counties including landowners, private business owners, livestock associations and public agencies. Technical experts with broad watershed knowledge, such as the NRCS, UCCE, County officials, RCDs and local consultant specialists will assist landowners to address site-specific erosion and manure management challenges. We will prioritize activities identified in local and regional watershed management plans (including adopted TMDL and 303(d) listings) and consult with TMDL staff. Utilization of a SAC and all of our program activities increase coordination among all stakeholders within each targeted watershed. Because the program will operate on a region wide basis, solutions will be promoted and prioritized for site implementation that benefit the entire watershed.

### **Using a Source Reduction and Pollution Prevention Strategy**

This project is designed to be a source reduction and pollution prevention program. Please see **Attachment J, Section A** "Source Reduction and Pollution Prevention".

### **Established Management Measures**

The project draws upon widely accepted BMPs for erosion and manure management. For example, erosion control (sediment, nutrient and pathogen pollution) will be addressed through the installation of grass swales, vegetated filter strips, pasture rotation, sacrifice areas, reorganization of fencing and water diversions such as gutters and French drains. Manure management (nutrient and pathogen pollution) will be addressed through the construction on manure bunkers, compost bins and relocation of manure piles. These measures are routinely recommended by our TAC partners, including the UCCE, NRCS, and RCDs, in all of their resource conservation work. Additionally, the project continues to research and promote BMPs evidencing success on livestock facilities throughout the US (see **Att. J Section C**).

### **Meeting Project Goals and Objectives into the Future**

The program is designed to deliver benefits past the grant funding end date. Please see **Attachment D**, "Longevity and Ongoing Support of the Program".

### **Established TMDL**

The project directly implements 35 TMDLs for target pollutants; 27 adopted and 8 under development, as well as an additional 8 TMDLs that are currently under investigation related to the project's target pollutants. Please see **Attachment G**, "Purpose of Project" for a detailed listing and discussion.