

Chillisquaque Creek/Limestone Run Restoration Summary Montour County

The Chillisquaque Limestone Run Restoration project's purpose was to eliminate nutrient and sediment runoff from 4 farms. The Beachel Dairy Farm and Hoffman Beef Operation located in the Limestone Run Watershed and the Fletcher Beef Farm and Bogart Poultry Operation in the Chillisquaque Creek Watershed. This was accomplished by the installation of concrete roofed barnyard projects and manure storages on each operation. Eliminating the feeding of cattle on pasture over the winter months by providing a stabilized area for animals to be fed and watered and providing stabilized areas to collect and store manure so manure could be spread closer to crop uptake was the primary objective of these projects.

The installation of these best management practices was required as part of the operation's nutrient management or manure management plans and conservation or ag Erosion and sedimentation plans for compliance with chapter 91 and chapter 102 regulations. The installation of barnyard stabilization projects and manures storages were identified in the watershed's stream restoration plan and the projects could be entered into the Chesapeake Bay Model for reduction of pollutants entering the Chesapeake Bay Watershed.

The success of these projects relied heavily on the staff's ability to limit the out of pocket expense of the farmers implementing these projects since they were responsible for 15% of the total cost of the project. This was accomplished by allowing all of the farmers to do their own excavation for the project so that only materials were paid out through the grant. The Montour Conservation District also provided matching funds to help lower costs to the farmer by donating time and labor towards each project. Utilization of the REAP program was also a major factor into the success of this grant as well.



Beachel Before



Beachel After

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