

Feedlot Water Quality Management State Cost Share Grant for FY 2014

Fillmore Soil and Water Conservation District

State Cost-Share Feedlot Fund Awarded \$ 170,083.00

Grant Period (incl. extensions)
From: January 16, 2014
To: December 31, 2016

Funds Returned to State
Type \$0
Date Fund Returned: N/A

Expenditures by Category

Administration/Coordination	\$200.00
Project Development	\$0.00
Private Technical and Engineering	\$0.00
SWCD Technical and Engineering	\$0.00
Construction	\$0.00
Total CWF Budget	\$0.00

PROJECT CONTACT

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←Before
Open lots with polluted runoff create difficult herd management situations. Valuable nutrients in the manure are lost to runoff and leaching.

Outputs and Outcomes

Outputs: Funds have been encumbered to one feedlot project to eliminate runoff to intermittent stream by constructing manure storage to better utilize manure nutrients and reduce land application runoff, and also to abandon open lots and convert to total confinement.

Projected Outcomes:

Water pollution reduction estimates for these projects:
BOD (biological oxygen demand) = 2,116 lbs/yr
COD (chemical oxygen demand) = 9,524 lbs/yr
Fecal Coliform Bacteria = 3.5+15 cfu/yr
Nitrogen = 504 lbs/yr
Phosphorus = 132 lbs/yr



After: Open lots covered with roof and a manure storage structure constructed to capture all manure and nutrients to properly apply to cropland.