

CWF Feedlot Water Quality Management Grant for FY 2013

Fillmore Soil and Water Conservation District

Clean Water Fund Grant Awarded \$ 175,043

Grant Period (incl. extensions)
From: February 13, 2013
To: December 31, 2015

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	\$200.00

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 for one project to eliminate feedlot 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) = 673 lbs/yr

COD (chemical oxygen demand) = 3026 lbs/yr

Fecal Coliform Bacteria = 2.8+15 cfu/yr

Nitrogen = 168 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.