

CWF Feedlot Water Quality Management Grant for FY 2012

Fillmore Soil and Water Conservation District

Clean Water Fund Grant Awarded \$ 180,882

Grant Period (incl. extensions)
From: March 22, 2012
To: December 31, 2014

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



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

After →
The fixes improve herd health, site management, and utilization of the nutrients in the manure saving both time and money.



Outputs and Outcomes

Outputs: Funds have been encumbered for one manure storage project and one open lot fix.

Projected Outcomes:

Water pollution reduction estimates for these projects:

BOD (biological oxygen demand) = 6,076 lbs/yr
COD (chemical oxygen demand) = 27,333 lbs/yr
Fecal Coliform Bacteria = 18.72+15 colony forming units/yr
Nitrogen = 1,500 lbs/yr
Phosphorus = 487 lbs/yr

Expenditures by Category

Administration/Coordination	
Project Development	
Private Technical and Engineering	
SWCD Technical and Engineering	
Construction	
Total CWF Budget	

PROJECT CONTACT

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*Prepared by Fillmore SWCD
for BWSR Website Reporting Requirements*



Example of a picket dam used to separate the solids in the manure from the liquids; solids are scraped from the lot and land applied; liquids pass through gravel spreaders to a grass filter strip.