



BWSR Local Capacity Grant for FY 2018

Fillmore Soil and Water Conservation District

BWSR Grant Awarded
\$ 102,000

Grant Period (incl. extensions)
From: October 5, 2017
To: December 31, 2020

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

Expenditures by Category

As of 12/31/2018

| | |
|---|---------------------|
| Technical/Eng. Asst.-buffers | \$ 2,000.00 |
| Technical/Eng. Asst.- conservation practice TA | \$ 50,000.00 |
| Conservation Practice Cost Share | \$ 3,820.00 |
| Education/ Information | \$ 10,000.00 |
| Total Expenditures | \$ 65,820.00 |

PROJECT CONTACT
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*Prepared by Fillmore SWCD
for BWSR Website Reporting Requirements*



The Local Capacity Grants represent a response to SWCD demand for increased funding to build local capacity for technology, equipment, staffing and programs and practices. Each SWCD in the state received \$100,000 plus a supplemental allocation based on their county's commitment to match additional state funds. Fillmore County approved \$2000 to be matched with state funds to increase funding for buffer law implementation.

Outputs and Outcomes

Outputs:
2017: Numerous landowner contacts (phone, office, email, field visits). Attended BWSR informational meetings. Worked with BWSR to develop some alternative practices. Conducted field reviews with DNR re: changes to the map. "Other Waters"; resolutions passed by SWCD and County boards. Meetings with County re: election of jurisdiction, buffer ordinance, and flow chart for enforcement action. Letters sent in January: 2400 parcels re: in compliance and >400 parcels re: additional buffer needed. Letter in August to over 100 parcels whose owners had had no contact with our office. Follow up compliance letters for 150 parcels verified throughout the year. About 200 parcels granted waivers into 2018. Field visits for compliance verification, staking buffers and alternative practices. Buffcat data updated. By Nov 1: 93% compliance; 6.5% waivers; working with 0.5% without a plan/waiver. Jan1-Oct 6 40 hrs + 44 hrs, plus Local Capacity grant hrs.
 TA: Three State Cost share Contracts and one Local Capacity Grant contract approved by the SWCD Board in 2017, plus two contracts are approved in 2016 using both 2016 and 2017 funds. Three contracts completed and paid in 2017: grassed waterway (146'), critical area planting (1.6 acres), and terraces (835') and tile outlet (760'). JAA: Rick Grooters and Doug Keene 381 hrs + 643 hrs paid from State Cost Share TA, Conservation Delivery Grant, Local Capacity Grant and Fillmore County appropriation to the SWCD.
 One contract approved by the SWCD Board for a grade stabilization structure. One waterway design in progress. (JAA-Doug Keene)
 Purchased 2017 Jeep Cherokee for field work for installation of soil and water conservation practices; total cost \$30,569.65; \$3056.97 (10%) paid from SWCD vehicle replacement fund.
2018: Technical Assistance for Buffer Implementation: Numerous landowner contacts (phone, office, email, field visits), Verified parcels for compliance, documented non-compliant parcels (2) to turn over to County for enforcement, Work with 1 non-compliant to achieve compliance on parcel, Update local database and BuffCAT, Develop monitoring plan to adopt. AK 66.6hrs @ \$60.06
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Outcomes:
 Water pollution reduction estimates for projects completed:
 Estimated Soil Savings = 5.2 T/year
 Estimated Phosphorus reduction = 2.03 lbs./year
 Estimated Sediment (TSS) reduction = 1.73 T/year



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2018: (cont'd) Second-year payments approved (10/11/18 and 11/15/18) for two 3-year cover crop contracts (17 acres @\$30/ac and 35 acres @\$40/acre). JAA: Dean Thomas, Area Soil Health Technician

Education/Information: Purchased supplies to complete a stream table built by Kingsland Vo-Ag classes.

Events: National Trout Center Water Quality Day in February (stream table and nitrate testing), Wildflower Walk in May (seven participants), Dairy Night at the Farm and Cattlemen's Steak Fry (stream table and display), County Fair in July (kids' activities for three days), 6th Grade Conservation Day Sept. 19 attended by 165 students, Kingsland Fish and Waters Class in October (3 presentations), Prairie Walk October 10 (20 participants), Lanesboro Vo-Ag classes in December. Outreach to Vo-Ag teachers to encourage Envirothon participation; assisted with the Area Envirothon. Education Committee developed and implemented annual education plan. Newspaper and radio ads for Wildflower Walk, Beef, Dairy and Pork Months, Fair activities, Forestry Field Day, Prairie Walk, World Soil Day, and Noxious Weed Workshops. Over 800 postcards mailed for the Forestry Field Day. Advertising, stream table supplies, field day postcards, event expenses = \$1639.41; Staff expenses: AK 47.25 hrs @ \$60.06; AM 122 hrs @ \$45.27

Technical Assistance: An additional staff person was hired after retirement of one of the technicians to fill the need for engineering assistance. The District purchased Civil 3D with District funds for use by the engineering staff to complete designs for grade stabilization structures. He is also providing training to two SWCD staff who are building JAA and to the remaining technician with JAA to gain experience with technology tools. The staff with JAA all are providing on-the-job training to the two technicians building JAA. Three Local Capacity Cost Share contracts completed and paid. Engineering assistance for 33 design surveys completed; 18 designs completed. SWCD TA for 4 EQIP grade stabilization structures and 6135' EQIP grassed waterways completed. TA costs: WG 332 hrs @ \$48.43 (of a total of 505 hrs); AK 252.8 hrs @ \$60.06; RG 374.5 hrs @ \$47.85; AM 18.2 hrs @ \$45.27 (of a total of 356.25)