



# BWSR Local Capacity Grant for FY 2016

## Fillmore Soil and Water Conservation District

**BWSR Grant Awarded**  
\$ 130,337

**Grant Period (incl. extensions)**  
From: February 22, 2016  
To: December 31, 2018

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

### Expenditures by Category

**As of 12/31/2017**

<b>Administration/ Coordination</b>	\$ 12,930.41
<b>Project Development</b>	\$ 4,122.20
<b>Cover Crop Incentive</b>	\$ 29,805.80
<b>Education and Information</b>	\$ 22,032.84
<b>Equipment and Supplies- Technology</b>	\$ 22,171.88
<b>Equipment and Supplies- Vehicle</b>	\$ 29,298.60
<b>Total Expenditures</b>	<b>\$ 125,508.81</b>

**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 support in previous years. Fillmore County's appropriation to the SWCD resulted in an additional \$30,337 allocated to the SWCD from BWSR.

### Outputs and Outcomes

**Outputs:**

**2016:** Stormwater Project Development: Completed rain garden project at the Fillmore County Office Building in cooperation with Conservation Corps Minnesota crew, Fillmore County staff, and the Fillmore County Sentence to Serve Crew. Funding for planting provided by The Nature Conservancy and the SWCD. Completed visits of the stormwater mini-grant sites funded with the 2013 Community Partners grant. Began social capacity research for future projects. Gathered information and did a site assessment with Rushford-Peterson School for a 2017 Clean Water Fund grant application.

Cover Crop Incentive: Eight contracts were signed with cooperators for planting cover crops on 611.7 acres; seven were paid in 2016. One additional contract was cancelled. Two of the eight contracts were for multi-species cover crops and the remainder for single species.

Technology: SWCD staff compiled a list of technology needs for various programs. No purchases were made in 2016.

Vehicle: Purchased 2017 Chevy Silverado pickup to replace 2005 Chevy Colorado pickup. \$3255.40 (10%) of the cost was paid from SWCD vehicle replacement fund.

**2017:** See page 2



**Outcomes:**

Water pollution reduction estimates for projects completed:

Estimated Soil Savings = 94.60 T/year

Estimated Phosphorus reduction = 32.64 lbs./year

Estimated Sediment (TSS) reduction = 95.2 T/year



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2017: 1W1P Coordination: Staff coordinated meetings for the 1W1P Planning Work Group (4), Advisory Committee (2) and Policy Committee (2). Prepared materials for County Board approval of JPA and resolution adopting the plan. Provided input to MPCA on Upper Iowa assessment and on Root River Cycle 2 monitoring; assisted with developing Surface Water Assessment Grant for 2018-2019. Met with MPCA twice re: funds for tools to increase readiness for 1W1P implementation. Worked with IA DNR to conduct Upper Iowa monitoring once a month from April to October. Reviewed wellhead protection plans for Rushford, Chatfield, Ostrander, Lanesboro, Harmony, Mabel and Peterson; attended public meeting for Chatfield and Peterson. Attended training for HSPF and PTMApp, two groundwater workshops, a webex re: impaired waters, and the 25x25 Listening Session with BWSR. Prepared reports for planning grant and coordinated drafting a work plan and budget for watershed based grant. 56.5 hrs @\$51.57; 259.5 hrs @\$38.60

Staff constructed rain barrels for SWCD rain barrel sales. Assisted Chosen Valley Care Center with stormwater questions. 3 hrs @\$38.60

Six contracts were approved by the SWCD Board for planting cover crops on 334.33 acres @\$30/acre for a total of \$10,029.90. All acres were planted to winter rye. JAA: Dean Thomas, Area Soil Health Technician

Education and outreach activities completed: SWCD insert in the Fillmore County Journal, which is a free publication with a distribution of about 12,000. Three nitrate clinics held at implement dealer open houses. Arbor Day/Earth Day trees given to 250 5th graders in five schools and four trees planted at four schools. SWCD county fair booth July 18-21 featured kids activities three afternoons, radio interview, and board meeting at the fairgrounds. SWCD Forestry Field Day held on July 26, 2017, at Forestville State Park with about 50 attendees (theme: Using fire for vegetation management). SWCD 6th Grade Conservation Day held September 20, 2017, at Forestville State Park with about 180 students attending from three schools. The 75th anniversary activities included: Articles or ads for World Water Day, Drinking Water Week, Beef Month, Dairy Month, Pork Month, National Trails Day, National Honeybee Day and advertising the SWCD scholarship programs. Spring wildflower walk in May and Prairie Walk in August. Participated in 11 local parades. Distributed Soil Stewardship materials to 26 churches. Four presentations to high school vo-ag students using the groundwater model and stream table and demonstrating water quality monitoring and the rain simulator. June 27 Conservation Tour and Banquet attended by 43 on the bus tour and 58 at the banquet. Historical display at Dairy Night on the Farm, Cattlemen's Steak Fry, Harmony Fall Festival and at the courthouse in April-May and October-November. Materials and supplies were purchased for these events. Staff hours for education/outreach: 17.5 hrs @\$51.57, 10.25hrs @\$51.64, 95.75hrs @\$43.92, 49.8hrs @\$51.07, 80hrs @\$55.31

The Conservation Technician hired 7/31/17 has been training with experienced staff on grassed waterways, terraces, the E3 structure restoration, and windbreaks (District program) and practicing drawing designs. He has been training on the EFT software, ArcMap and attended BWSR Academy. 198.5 hrs @\$31.73

Purchased Trimble TSC3 and T8S bundle, software and license, TOPO shoe, prism pole and hot spot plus monthly charges for data package. Purchased Surface Pro 4 for field data collection, mobile phone and data package.