



Grant All-Detail Report Cost Share 2018

Grant Title - 2018 - State Cost-Share Fund (Cottonwood SWCD)

Grant ID - P18-5461

Organization - Cottonwood SWCD

Original Awarded Amount	\$14,091.00	Grant Execution Date	12/6/2017
Required Match Amount	\$3,522.75	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	Kay Gross
Current Awarded Amount	\$14,091.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$14,091.00	\$11,237.87	\$2,853.13
Total Match Amount	\$17,271.16	\$5,272.66	\$11,998.50
Total Other Funds	\$9,260.07	\$9,881.26	\$-621.19
Total	\$40,622.23	\$26,391.79	\$14,230.44

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
17-07 Bill Pankonin	Streambank or Shoreline Protection	Current State Grant	2018 - State Cost-Share Fund (Cottonwood SWCD)	\$2,283.13	\$2,283.13	7/20/2018	N
17-07 Bill Pankonin	Streambank or Shoreline Protection	Other Funds	2017 - State Cost-Share Fund (Cottonwood SWCD)	\$2,016.87	\$2,016.87	7/20/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
17-07 Bill Pankonin	Streambank or Shoreline Protection	Other Funds	2017 Landowner Contribution	\$1,954.00	\$1,954.00	7/20/2018	Y
17-07 Bill Pankonin	Streambank or Shoreline Protection	Other Funds	Federal Cost-Share	\$1,560.00	\$1,560.00	7/20/2018	Y
18-01 LeRoy Harnack	Agricultural Practices	Current State Grant	2018 - State Cost-Share Fund (Cottonwood SWCD)	\$2,282.50			N
18-01 LeRoy Harnack	Agricultural Practices	Landowner Fund	Landowner Contribution	\$3,939.50			Y
18-02 Steve Halland	Agricultural Practices	Current State Grant	2018 - State Cost-Share Fund (Cottonwood SWCD)	\$6,707.17	\$6,707.17	9/26/2019	N
18-02 Steve Halland	Agricultural Practices	Landowner Fund	Landowner Contribution	\$2,235.66	\$3,712.66	9/26/2019	Y
18-02 Steve Halland	Agricultural Practices	Other Funds	2019 - State Cost-Share Fund (Cottonwood SWCD)	\$2,796.86	\$2,796.86	9/26/2019	N
18-02 Steve Halland	Agricultural Practices	Other Funds	Landowner Cash Match	\$932.34	\$1,553.53	9/26/2019	Y
2018 State Cost-Share Base Grant T & E	Technical/Engineering Assistance	Current State Grant	2018 - State Cost-Share Fund (Cottonwood SWCD)	\$2,818.20	\$2,247.57	9/26/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
600 - Terrace	2	2	2 COUNT	COUNT
412 - Grassed Waterway and Swales	1	1	1859 LINEAR FEET	1859 LINEAR FEET
391 - Riparian Forest Buffer	1	1	15.4 AC	15.4 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	10.83	TONS/YR
SEDIMENT (TSS)	12.97	TONS/YR
PHOSPHORUS (EST. REDUCTION)	22.12	LBS/YR

Grant Activity

Grant Activity - 17-07 Bill Pankonin			
Description	<p>17-07 Bill Pankonin: The Cottonwood SWCD staff designed the ecological practice, Riparian Forest Buffer on the Pankonin Farm. Estimated number of acres of trees is 15.4 ac. Planting of the practice is scheduled for Spring 2017/2018. This practice is also split with contract 17-04 Bill Pankonin.</p>		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	25-Jan-18	End Date	20-Jul-18
Has Rates and Hours?	No		
Actual Results	<p>17-07 Bill Pankonin - Approved C-S contract 1-25-2018; Riparian Forest Buffer Germantown 1. Project Cost - \$7,814.00 C-S Encumbered - \$4,300.00*</p> <p>The practice was completed as planned. Multiple rows of trees were planted on 15.4 acres, rows were spaced at 15' apart: 50 Bur oak; 240 silver maple; 40 Linden; 200 Amur plum; 200 choke cherry; 175 elderberry; 200 sandbar willow; 50 peach leaf willow; 200 cranberry; 200 red dogwood; 50 hazelnut; 25 sumac; 200 eastern red cedar; 50 black hills spruce; 100 eastern red cedar.</p> <p>*This contract is split with FY2017 Cost Share funds and FY2018 Cost Share funds*</p> <p>Total Cost: \$7,814.00 FY 17 Cost Share: \$2,016.87 FY18 Cost Share: \$2,283.13 Landowner cost: \$1,954.00</p>		

Activity Action - 17-07 Bill Pankonin			
Practice	391 - Riparian Forest Buffer	Count of Activities	1
Description	Planted 1,990 assorted trees for a riparian forest buffer in Germantown section1.		
Proposed Size / Units	15.40 AC	Lifespan	20 Years
Actual Size/Units	15.40 AC	Installed Date	1-Jun-18
Mapped Activities	1 Polygon(s)		

Final Indicator for 17-07 Bill Pankonin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	18.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Cottonwood Watershed		
Final Indicator for 17-07 Bill Pankonin			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Cottonwood Watershed		
Final Indicator for 17-07 Bill Pankonin			
Indicator Name	SEDIMENT (TSS)	Value	9.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Cottonwood		

Grant Activity - 18-01 LeRoy Harnack

Description	<p>18-01 LeRoy Harnack: The SWPTSA designed the engineered practice, WASCOD/Terrace on the Harnack Farm facilitated by the Redwood SWCD. The Cottonwood SWCD assisted with cost-share as it was in Cottonwood County. Estimated Terrace/WASCOB length is 300 feet for Terrace 1 and 700 feet for Terrace 2.</p> <p>The site has been designed April 2018, and is set for construction in 2019.</p> <p>Total estimated cost: \$15,758.00 FY2018 C-S: \$2,282.50 Landowner Contribution: \$3,939.50</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	26-Apr-18	End Date	
Has Rates and Hours?	No		
Actual Results	<p>18-01 LeRoy Harnack The site has been designed by the SWP TSA in April 2018, construction will commence in 2019 due to wet weather conditions in 2018. The tile was installed in 2018, but earthwork will be completed in 2019.</p> <p>Total Project Cost: \$15,758.00 FY2018 C-S: \$2,282.50 Landowner Contribution: \$3,939.50</p> <p>Construction was completed in 2019, SWCD is waiting for final bills and as-builts from the Redwood SWCD Project Managers.</p>		

Activity Action - 18-01 LeRoy Harnack			
Practice	600 - Terrace	Count of Activities	2
Description	2 Terraces/WASCOB projects for LeRoy Harnack in Ann section 4		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	2 Polygon(s)		

Grant Activity - 18-02 Steve Halland

Description	18-02 Steve Halland: The SWP TSA is assisting in the engineering of this grassed waterway project on behalf of the Cottonwood SWCD. The project is slated for construction during 2019. **18-02 Steve Halland contract is split between FY2018 Cost-Share funds and FY2019 Cost Share funds**		
Category	AGRICULTURAL PRACTICES		
Start Date	28-Jun-18	End Date	26-Sep-19
Has Rates and Hours?	No		

Actual Results

18-02 Steve Halland-

Approved C-S contract 6-28-18; Grassed Waterway, Storden section 8.

Project cost: \$12,672.00

C-S encumbered: 9,504.00

(Amendment 9/25/18 to get landowner up to 75%, original C-S was \$9,300.17 due to District funds at the time of original encumbrance)

Construction slated for 2019 due to wet weather conditions in 2018.

Halland project overall total = \$12,672.00

Total 2018 = \$8,942.83

State Funds = \$6,707.17

Match Funds = \$2,235.66 (24.99%)

Total 2019 = \$3,729.20

State Funds = \$2,796.86

Match Funds = \$932.34 (25.0%)

18-02 Steve Halland contract is split between FY2018 Cost-Share funds and FY2019 Cost Share funds

Waterway was completed in 2019 construction season. Cost-share was spent 9/26/19.

Final total cost: \$14,770.19

Total 2018 = \$10,419.83

State Funds = \$6,707.17

Match Funds = \$3,712.66 (35.6%)

Total 2019 = \$4,350.39

State Funds = \$2,796.86

Match Funds = \$1,553.53 (35.7%)

Activity Action - 18-02 Steve Halland			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grassed waterway in Storden section 8		
Proposed Size / Units	1,859.00 LINEAR FEET	Lifespan	15 Years
Actual Size/Units	1,859.00 LINEAR FEET	Installed Date	9-Aug-19
Mapped Activities	1 Polygon(s)		

Final Indicator for 18-02 Steve Halland			
Indicator Name	SEDIMENT (TSS)	Value	3.33
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29077		
Final Indicator for 18-02 Steve Halland			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29077		
Final Indicator for 18-02 Steve Halland			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.33
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29077		

Grant Activity - 2018 State Cost-Share Base Grant T & E

<p>Description</p>	<p>The Cottonwood SWCD staff will oversee the Administration and Technical aspects of all State Cost-Share Projects. If projects are above a job class approval authority authorized for our office the District will use the Southwest Prairie TSA Engineer - Russell Hoogendoorn; Area II River Basin Inc. Engineer Joe DeSchepper and NRCS Civil Engineering Technician Paul Spartz.</p> <p>Key Clark - District Administrator - will complete the State Cost-Share Ledgers, oversee contracts and input E-Link Reporting.</p> <p>Dave Bucklin -District Technician - will oversee and complete projects with the following Job Class Approval (TAA):</p> <p>Diversion: I & E - 3; Design - 3; Construction 3</p> <p>Grass Waterway: I & E - 4; Design - 3; Construction - 4</p> <p>Subsurface Drain: I & E - 1; Design - 1; Construction - 2</p> <p>Terrace: I & E - 2; Design - 2; Construction - 2</p> <p>Underground Outlet: I & E - 2; Design - 2; Construction - 2</p> <p>Water & Sediment Control Basin: I & E - 2; Design - 2; Construction - 2</p> <p>Well Decommissioning: I & E - 2; Design - 2; Construction - 2</p> <p>Wetland Restoration: I & E - 1 or 2; Design - 1 or 2; Construction - 1 or 2</p>	
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>	
<p>Start Date</p>	<p>13-Dec-17</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>No</p>	

Actual Results

December 2017

No activity.

JANUARY - DECEMBER 2018:

17-07 - Bill Pankonin encumbered. Technical provided by David Bucklin, District Technician.

TOTAL: \$570.78

18-01 - LeRoy Harnack encumbered. Technical provided by Russ Hoogendorn, SWP TSA.

TOTAL: \$570.63

JANUARY - DECEMBER 2019

18-02 - Steve Halland encumbered. Technical provided by David Bucklin, District Technician.

TOTAL: \$1,676.79

(FUNDS HAVE BEEN ENCUMBERED FOR THESE PROJECTS BUT SPENT - SO AT THIS TIME FUNDING IS NOT BEING EXPENDED THROUGH ELINK. STAFF TIME HAS BEEN COMPLETED BUT T&E COST-SHARE FUNDS MAY NOT BE GIVEN TO THE DISTRICT FOR ALL THE PROJECTS.) FUNDS WILL BE RECORDED WHEN PROJECTS HAVE BEEN COMPLETED).

Grant Attachments

Document Name	Document Type	Description
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Cottonwood SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Cottonwood SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/02/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/05/2019

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/09/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2020