



Grant All-Detail Report Cost Share 2016

Grant Title - 2016 - State Cost-Share Fund (Cottonwood SWCD)

Grant ID - P16-6327

Organization - Cottonwood SWCD

Grant Awarded Amount	\$14,091.00	Grant Execution Date	8/4/2015
Required Match Amount	\$3,522.75	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Kay Gross

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$14,091.00	\$14,091.00	\$0.00
Total Match Amount	\$8,985.20	\$8,985.20	\$0.00
Total Other Funds	\$26,828.85	\$26,828.85	\$0.00
Total	\$49,905.05	\$49,905.05	\$0.00

*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
14-05	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)	\$3,525.88	\$3,525.88	11/22/2016	N
14-05	Agricultural Practices	Landowner Fund	2016 Landowner Contribution	\$3,582.33	\$3,582.33	11/22/2016	Y
14-05	Agricultural Practices	Other Funds	2014 - State Cost-Share Fund (Cottonwood SWCD)	\$1,506.97	\$1,506.97	11/22/2016	N
14-05	Agricultural Practices	Other Funds	2014 Landowner Contribution	\$1,524.40	\$1,524.40	11/21/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
14-05	Agricultural Practices	Other Funds	2015 - State Cost-Share Fund (Cottonwood SWCD)	\$2,467.15	\$2,467.15	11/22/2016	N
14-05	Agricultural Practices	Other Funds	2015 Landowner Contribution	\$2,515.25	\$2,515.25	11/22/2016	Y
14-05	Agricultural Practices	Other Funds	EQIP Funding	\$14,960.92	\$14,960.92	11/22/2016	Y
15-05 - Myron Peters	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)	\$2,895.35	\$2,895.35	11/22/2016	N
15-05 - Myron Peters	Agricultural Practices	Landowner Fund	2016 Landowner Contribution	\$1,175.37	\$1,175.37	11/22/2016	Y
15-05 - Myron Peters	Agricultural Practices	Other Funds	2015 - State Cost-Share Fund (Cottonwood SWCD)	\$854.65	\$854.65	11/22/2016	N
15-05 - Myron Peters	Agricultural Practices	Other Funds	2015 Landowner Contribution	\$351.08	\$351.08	11/22/2016	Y
16-01 Troy & Hilary Paplow Cancelled	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)	\$0.00			N
16-02 City of Mountain Lake	Urban Stormwater Management Practices	Current State Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)	\$4,851.57	\$4,851.57	10/27/2017	N
16-02 City of Mountain Lake	Urban Stormwater Management Practices	Landowner Fund	2016 Landowner Contribution	\$4,227.50	\$4,227.50	11/21/2017	Y
16-02 City of Mountain Lake	Urban Stormwater Management Practices	Other Funds	2017 - State Cost-Share Fund (Cottonwood SWCD)	\$2,648.43	\$2,648.43	11/21/2017	N
2016 Cost-Share Base Grant T&A	Technical/Engineering Assistance	Current State Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)	\$2,818.20	\$2,818.20	11/21/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
350 - Sediment Basin	1	2	1 COUNT	1 COUNT
808M - Rotational Grazing	1	0	1 COUNT	0 COUNT
412 - Grassed Waterway and Swales	1	2	1 COUNT	1 COUNT
410 - Grade Stabilization Structure	1	3	1 COUNT	1 COUNT

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
SEDIMENT (TSS)	96.11	TONS/YR
PHOSPHORUS (EST. REDUCTION)	97.40	LBS/YR
SOIL (EST. SAVINGS)	101.36	TONS/YR

Grant Activity

Grant Activity - 14-05			
Description	14-05: A failing grade stabilization structure was replaced with new construction. This project was completed in conjunction with a pasture management plan through the Natural Resources Conservation Service.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Apr-16	End Date	22-Nov-16
Has Rates and Hours?	No		
Actual Results	<p>Completed 1 Grade Stabilization located in Amboy Township. Certification by Soupir on 10-19-2016 with landowner payment on 11-22-2016.</p> <p>This project was linked between FY14, FY15 and FY16. All Cost-Share funds and Landowner Contribution were entered each FY by their allotted percentage. The EQIP funding was only reported under FY14. AMOUNT DISBURSED FY14: \$1,506.97 AMOUNT DISBURSED FY15: \$2,467.15 AMOUNT DISBURSED FY16: 3,525.88 TOTAL DISBURSED: \$7,500.00</p>		

Activity Action - 14-05			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Installation of a grade stabilization.		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	22-Nov-16
Mapped Activities	3 Point(s)		

Final Indicator for 14-05			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29079		
Final Indicator for 14-05			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29079		

Final Indicator for 14-05			
Indicator Name	SEDIMENT (TSS)	Value	3.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29079		

Grant Activity - 15-05 - Myron Peters			
Description	15-05 - Myron Peters encumbered funds in FY15 and FY16 State Cost-Share for a grassed waterway in Dale section 36		
Category	AGRICULTURAL PRACTICES		
Start Date	17-Dec-15	End Date	22-Nov-16
Has Rates and Hours?	No		
Actual Results	<p>JANUARY - DECEMBER 2015: A total of \$3,750.00 was encumbered to this project based on a project cost estimate of \$5,000.00. Paul Spartz of the Cottonwood NRCS field office is designing the practice. AMOUNT ENCUMBERED: \$3,750.00</p> <p>JANUARY - NOVEMBER 2016: Project completed 11-22-16. AMOUNT DISBURSED FY15: \$854.65 AMOUNT DISBURSED FY16: \$2,895.35 TOTAL AMOUNT DISBURSED: \$3,750.00</p>		

Activity Action - 15-05 Myron Peters			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	15-05 Myron Peters grass waterway		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	22-Nov-16
Mapped Activities	2 Polygon(s)		

Final Indicator for 15-05 Myron Peters			
Indicator Name	SEDIMENT (TSS)	Value	5.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	51016		
Final Indicator for 15-05 Myron Peters			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	51016		
Final Indicator for 15-05 Myron Peters			
Indicator Name	SOIL (EST. SAVINGS)	Value	10.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	51016		

Grant Activity - 16-01 Troy & Hilary Paplow Canceled			
Description	16-01 Troy & Hilary Paplow Prescribed Grazing - Canceled due to the inability to cost share on this type of project		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Jul-16	End Date	22-Nov-16
Has Rates and Hours?	No		
Actual Results	16-01 Troy & Hilary Paplow prescribed grazing - Canceled do to the inability to cost share on this type of project		

Activity Action - 16-01 Tony & Hilary Paplow			
Practice	808M - Rotational Grazing	Count of Activities	1
Description	Cancelled by District Board no cost share available for this type of practice using state cost share		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	0.00 COUNT	Installed Date	
Mapped Activities	No		

Grant Activity - 16-02 City of Mountain Lake

Description	16-02 City of Mountain Lake: Large amounts of sediment are entering Mountain Lake through the Golf Course stream in the Watonwan Watershed. The Mountain Lake Clean Water Partnership identified this practice as a high priority.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	22-Sep-16	End Date	21-Nov-17
Has Rates and Hours?	No		
Actual Results	<p>16-02 City of Mountain Lake - Midway 32 - Sediment Basin/Constructed Wetland. Engineering by Russell Hoogendoorn, Southwest Prairie TSA Engineer.</p> <p>Encumbered 9-22-16; Cost estimate \$10,108.00 with cost-share encumbered totaling \$7,500.00 (maximum c-s allowed by Board through policy).</p> <p>Project was certified complete by Russ Hoogendoorn of SWPTSA. A 8430 sq foot sediment basin was excavated.</p> <p>Total Final Cost: \$11,727.50 Partial Payment: \$7,200.00 (withholding \$300.00 for seeding. Final Payment: \$300.00 Total Cost Share: \$7,500.00 Mt. Lake Commission Funds: \$4,227.50</p> <p>FY16 State Cost-Share: \$4,851.57 FY17 State Cost-Share: \$2,648.43</p> <p>All match for the project was reported in FY16 State Cost Share.</p>		

Activity Action - 16-02 City of Mountain Lake			
Practice	350 - Sediment Basin	Count of Activities	1
Description	8,430 sq ft sediment basin near Mountain Lake (waterbody)		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	21-Nov-17
Mapped Activities	2 Point(s)		

Final Indicator for 16-02 City of Mountain Lake			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	87.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	31058		

Final Indicator for 16-02 City of Mountain Lake			
Indicator Name	SOIL (EST. SAVINGS)	Value	87.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	31058		

Final Indicator for 16-02 City of Mountain Lake			
Indicator Name	SEDIMENT (TSS)	Value	87.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	31058		

Grant Activity - 2016 Cost-Share Base Grant T&A

<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 Technicians Brad Harberts, Paul Spartz and Steve Schemel.</p> <p>Kay Clark - District Administrator - will complete the State Cost-Share Ledgers, oversee contracts and input E-Link Reporting. 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 Grass Waterway: I & E - 4; Design - 3; Construction - 4 Subsurface Drain: I & E - 1; Design - 1; Construction - 2 Terrace: I & E - 2; Design - 2; Construction - 2 Underground Outlet: I & E - 2; Design - 2; Construction - 2 Water & Sediment Control Basin: I & E - 2; Design - 2; Construction - 2 Well Decommissioning: I & E - 2; Design - 2; Construction - 2 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-Aug-15</p>	<p>End Date</p>	<p>31-Dec-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>15-05 - Myron Peters project completed. Technical provided by Paul Spartz, NRCS, Civil Engineering Technician and Dave Bucklin, District Technician. TOTAL: \$723.84</p> <p>14-05 – Project completed. Technical provided by Paul Spartz, NRCS Civil Engineering Technician & practice was certified by Eric Soupir, NRCS Area Engineer TOTAL: \$881.47</p> <p>16-01 - Troy and Hilary Paplow. Canceled 11-22-16.</p> <p>16-02 - City of Mountain Lake encumbered. Technical provided by Russell Hoogendoorn, Southwest Prairie TSA Engineer. TOTAL: \$1,212.89</p>		

ASSISTANACE HOURS ARE AS FOLLOWS:

AUGUST - DECEMBER 2015:

Administrator - 10.25 hrs. \$42.14 rate = \$431.94

District Technician - 3.5 hrs. \$37.24 = \$130.34

TOTAL - \$562.28

JANUARY - DECEMBER 2016:

Administrator – 28 hrs. \$45.54 = \$1,275.12

District Technician – 25 hrs. \$40.26 = \$1,006.50

Administrative Assistant – 1 hr. \$28.16 = \$28.16

Program Technician – 2 hrs. \$27.88 = \$55.76

Resource Technician – 1 hr. \$18.70 = \$18.70

Total - \$2,384.24

JANUARY - DECEMBER 2017:

Administrator – 10 hrs. \$49.37 = \$493.70

District Technician – 16.5 hrs. \$42.80 = \$706.20

Administrative Assistant – 0.5 hr. \$30.09 = \$15.05

Total - \$1,214.95

ALL YEARS COMBINED ACTUAL HOURS: \$4,161.47

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Programs and Operations Grant	Grant Agreement	2016 SWCD Programs and Operations Grants - Cottonwood SWCD
2016 SWCD Programs and Operations Grant executed	Grant Agreement	2016 SWCD Programs and Operations Grants - Cottonwood SWCD

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/03/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2017
Cost-Share Program Hours - 2017	Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)
Final Financial Report	Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)
State C-S - FY2016 - Program Record - December - 2015	Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)
State Cost-Share - T and E Assistance Hour Tally - 2016	Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)
Year End Totals for State Cost-Share - 2016	Grant	2016 - State Cost-Share Fund (Cottonwood SWCD)