



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Murray SWCD)

Grant ID - P16-1895

Organization - Murray SWCD

Grant Awarded Amount	\$125,337.00	Grant Execution Date	1/27/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Shelly Lewis

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$125,337.00	\$93,556.00	\$31,781.00
Total Match Amount	\$2,705.45	\$1,705.45	\$1,000.00
Total Other Funds	\$4,352.72	\$4,000.00	\$352.72
Total	\$132,395.17	\$99,261.45	\$33,133.72

*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
Administrative	Administration /Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$1,000.00	\$130.20	1/19/2018	N
Harold Deal Waterway	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$5,116.00	\$5,116.00	7/11/2017	N
Harold Deal Waterway	Agricultural Practices	Landowner Fund	Landowner Fund Deal	\$2,705.45	\$1,705.45	7/11/2017	Y
Harold Deal Waterway	Agricultural Practices	Other Funds	2017 - SWCD Local Capacity Services (Murray SWCD)	\$3,000.00	\$3,000.00	7/11/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Harold Deal Waterway	Agricultural Practices	Other Funds	Landowner Fund Deal	\$1,352.72	\$1,000.00	7/11/2017	Y
Riparian Zone Management - 2016 Cost-Share Assistance	Streambank or Shoreline Protection	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$2,000.00			N
Riparian Zone Management - Supplies/Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$42,737.00	\$42,737.00	3/28/2017	N
Soil Erosion - 2016 Cost-Share Assistance	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$24,984.00			N
Soil Erosion - 2016 TSA Capital Outlay	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$19,603.07	\$19,603.07	10/20/2016	N
Soil Erosion - 2016 TSA Supplies	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$2,096.93	\$2,096.93	6/30/2017	N
Soil Erosion - 2016 TSA Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$24,000.00	\$23,100.00	12/31/2017	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Murray SWCD)	\$3,800.00	\$772.80	8/10/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	2	4	1575 LINEAR FEET	1575 LINEAR FEET

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)	2.70	TONS/YR
PHOSPHORUS (EST. REDUCTION)	3.11	LBS/YR
SOIL (EST. SAVINGS)	13.65	TONS/YR

Grant Activity

Grant Activity - Administrative			
Description	Administrative Assistance for entering projects in eLink, working on cost-share, ect.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results			

Grant Activity - Harold Deal Waterway			
Description	Harold Deal Waterway located in Shetek Township Section 11		
Category	AGRICULTURAL PRACTICES		
Start Date	17-Feb-17	End Date	11-Jul-17
Has Rates and Hours?	No		
Actual Results	<p>Harold Deal (Shetek-Section 11 SW1/4 NE1/4,1/4 constructed 2 waterways to control erosion and improve water quality. The Southwest Prairie Technical Service Area provided the Technical work on the waterways which were constructed to NRCS field technical service guide standards. The total cost is as follows:</p> <p>FY16 Capacity-\$5,116.00 FY17 Capacity-\$3000.00 Landowner cost-\$2,705.45</p>		

Activity Action - Deal Waterways			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	Harold Deal Waterways-Shetek Twp section 11		
Proposed Size / Units	1,575.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,575.00 LINEAR FEET	Installed Date	11-Jul-17
Mapped Activities	4 Polygon(s)		

Final Indicator for Deal Waterways			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	wetland		

Final Indicator for Deal Waterways			
Indicator Name	SOIL (EST. SAVINGS)	Value	13.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	wetland		

Final Indicator for Deal Waterways			
Indicator Name	SEDIMENT (TSS)	Value	2.70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	wetland		

Grant Activity - Riparian Zone Management - 2016 Cost-Share Assistance			
Description	<p>Riparian Zone Management - 2016 Cost-Share Assistance</p> <p>County Comprehensive Local Water Management Plan</p> <p>Funds will be used to cost-share the installation of practices consistent with the BWSR State Cost-Share Program Policy to assist landowners in compiling with the new Buffer Initiative Rules along public waters and drainage ditches. Cost-share reimbursement rates could range from 50 - 75% of the seed and planting costs.</p>		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jul-16	End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Riparian Zone Management - Supplies/Equipment

<p>Description</p>	<p>Riparian Zone Management - 2016 SWCD Supplies/Equipment</p> <p>Purchase three ESRI ArcGIS computer Software for SWCD work stations to assist in implementing Best Management Practices, Easement Programs, Buffer Programs and Cost-Share program within the district. Purchase a Surface Pro to be used out in the field for Buffer Compliance. Purchase a Ranger to used for Buffer Compliance and stream bank & shoreline erosion. Due to staff changes at the Murray SWCD, we are planning to purchase another vehicle. The Murray SWCD is getting a farm bill assistant so there will be 4 staff with one vehicle to date. The vehicle will be used for Buffer Compliance, Easement Verification, meetings, training, ect.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>1-Mar-16</p>	<p>End Date</p>	
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>Purchased 2- ArcGIS licenses in the amount of \$2,641.00 to be used for engineering & implementing the Buffer Law. The SWCD purchased a Microsoft surface pro to be used out in the field for Buffer Compliance. The total cost of the pro was \$1,410.73 of that amount \$1,010.73 was taken out of capacity grant and \$400.00 was taken out of the District generated funds from the tree program. The District purchased a 2016 Ford Pickup for \$34,954.93 of that amount \$5000.00 was taken out of the District self generated tree fund and \$29,954.93 out of the Capacity Grant. The Murray SWCD purchased a 2017 Polaris Ranger for \$25,384.50 to be used for Buffer Compliance and Stream Bank & Shoreline Erosion. Of that amount \$9,129.39 was taken out of FY16 Capacity, \$11,255.11 taken out of FY17 Capacity, and \$5,000.00 was paid out of District Generated Funds from Tree Program.</p> <p>2- Arc GIS License=\$2,641.95 Microsoft Surface Pro-\$1,010.73 2016 Ford Pickup-\$29,954.93 2017 Polaris Ranger-\$9,129.39 Total spent from August-April, 2017-\$42,737.00</p>		

Grant Activity - Soil Erosion - 2016 Cost-Share Assistance

Description	Soil Erosion - 2016 Cost-Share Assistance Murray County Local Water Management Plan		
	Funds will be used to provide cost-share to install BMPs to address soil erosion issues in Murray County. Practices include but not limited to waterways, Water & Sediment Control Basins, Terraces, Field Windbreaks. Cost-Share will be limited to 75% of approved documented cost.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Soil Erosion - 2016 TSA Capital Outlay

Description	Soil Erosion - 2016 TSA Capital Outlay		
	One time startup equipment cost of \$20,000.00 to be used by SW Prairie TSA in the purchase of office and field equipment (\$300), pickup truck (\$6,700), survey grade GPS (\$9,000), and (\$4,000) for Civil 3D software, computer and ArcGIS, etc., that will be needed by the newly hired TSA Technician.		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-Mar-16	End Date	20-Oct-16
Has Rates and Hours?	No		
Actual Results	The Murray SWCD hired a FTE shared service Engineering Technician along with Nobles and Pipestone SWCDs. The amount of \$19,603.07 is 1/3 of the total cost of a notebook, Arc Gis, Pickup, Auto cad/civil 3D, dock station, trimble R10, and 2 display monitors, office chair as a one time startup equipment cost.		

Grant Activity - Soil Erosion - 2016 TSA Supplies

Description	Soil Erosion - 2016 TSA Supplies		
	SW Prairie TSA Shared Services Equipment & Operating Expense to cover expenses for office space rent (\$800), vehicle expenses (\$500), and (\$400) toward staff training, telephone, computer, office supplies, field supplies, etc., for the newly hired shared TSA Technician.		
Category	SUPPLIES/EQUIPMENT		
Start Date	1-Mar-16	End Date	30-Jun-17
Has Rates and Hours?	No		
Actual Results	The Murray SWCD along with Nobles and Pipestone hired a TSA shared Technician to provide technical and engineering services to landowners in implementing conservation practices on land that have a soil and water erosion problems caused by the June 2014 flood. The 1/3 cost of expenses which includes gas, rent, training, cell phone from March 2016-June 2017 is \$2,096.93		

Grant Activity - Soil Erosion - 2016 TSA Technician

Description	Soil Erosion - TSA Technician		
	Funds will be used to hire a FTE shared service Engineering Technician along with Nobles and Pipestone SWCD's, to provide technical and engineering services to landowners in implementing conservation practices on land that have a soil and water erosion problems cause by the June 2014 floods.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Mar-16	End Date	30-Jun-17
Has Rates and Hours?	Yes		
Actual Results	The Murray SWCD along with Nobles and Pipestone hired a TSA shared Technician to provide technical and engineering services to landowners in implementing conservation practices on land that have a soil and water erosion problems caused by the June 2014 flood. The Murray SWCD paid for 1/3 of the Technician's salaries, insurance, pera, SS from March-2016-June 2017 in the amount of \$24,000.00		

Grant Activity - Technical Assistance		
Description	Technical Assistance for practices	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Murray SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Murray SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/03/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2018
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Murray SWCD
CY16 Murray SWCD eLink Reporting Needs	Journal	Journal Dated - 03/20/2017
Murray SWCD CY17 eLINK Needs	Journal	Journal Dated - 02/05/2018
P16-1895 Checklist	Journal	Journal Dated - 02/08/2017
P16-1895 Financial Report	Grant	2016 - SWCD Local Capacity Services (Murray SWCD)
SWCD Capacity Amendment - Murray SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Murray SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/27/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/08/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/19/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/02/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016

