



Grant All-Detail Report SWCD Local Capacity Services 2017

Grant Title - 2017 - SWCD Local Capacity Services (Murray SWCD)

Grant ID - P17-3937

Organization - Murray SWCD

Original Awarded Amount	\$100,000.00	Grant Execution Date	2/22/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Shelly Lewis
Current Awarded Amount	\$100,000.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$100,000.00	\$0.00
Total Match Amount	\$12,370.70	\$12,370.70	\$0.00
Total Other Funds	\$24,860.22	\$24,860.22	\$0.00
Total	\$137,230.92	\$137,230.92	\$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
Administration/Coordination	Administration /Coordination	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$500.00	\$2,359.42	12/31/2019	N
Capital Outlay	Supplies/Equip ment	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$59,000.00	\$59,000.00	12/13/2018	N
Contracted TSA Technician	Technical/Engi neering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$24,000.00	\$24,000.00	5/18/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Harold Deal Waterway	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$3,000.00	\$3,000.00	7/11/2017	N
Harold Deal Waterway	Agricultural Practices	Landowner Fund	Landowner Fund Deal	\$1,000.00	\$1,000.00	7/11/2017	Y
Harold Deal Waterway	Agricultural Practices	Other Funds	2016 - SWCD Local Capacity Services (Murray SWCD)	\$5,116.00	\$5,116.00	7/11/2017	N
Harold Deal Waterway	Agricultural Practices	Other Funds	Landowner Fund Deal	\$1,705.45	\$1,705.45	7/11/2017	Y
New 2017/2018 Cost-Share Assistance	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$10,214.25	\$8,354.83	12/12/2019	N
New 2017/2018 Cost-Share Assistance Landowner	Agricultural Practices	Landowner Fund	Landowner Fund	\$4,657.16	\$4,657.16	12/12/2019	Y
Steven Meyer-Grade Stabilization	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$2,101.84	\$2,101.84	10/10/2019	N
Steven Meyer-Grade Stabilization	Agricultural Practices	Landowner Fund	Landowner Fund	\$6,713.54	\$6,713.54	10/10/2019	Y
Steven Meyer-Grade Stabilization	Agricultural Practices	Other Funds	2018 - SWCD Local Capacity Services (Murray SWCD)	\$8,078.38	\$8,078.38	10/10/2019	N
Steven Meyer-Grade Stabilization	Agricultural Practices	Other Funds	Federal Funds	\$9,960.39	\$9,960.39	10/8/2019	Y
Technical Assistance	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Murray SWCD)	\$1,183.91	\$1,183.91	10/10/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	2	2	1575 LINEAR FEET	1575 LINEAR FEET
410 - Grade Stabilization Structure	1	1	1 COUNT	COUNT
412 - Grassed Waterway and Swales	1	1	2575 LINEAR FEET	2575 LINEAR FEET
638 - Water and Sediment Control Basin	3	1	0.16 AC	0.16 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	256.69	TONS/YR
SEDIMENT (TSS)	96.56	TONS/YR
VOLUME REDUCED (ACRE-FEET/YEAR)	0.01	ACRE-FEET/YR
PHOSPHORUS (EST. REDUCTION)	82.09	LBS/YR

Grant Activity

Grant Activity - Administration/Coordination			
Description	This activity budget is for administration/coordination which includes eLink posting, cost-share contracts, vouchers, ect.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-19	End Date	31-Dec-19
Has Rates and Hours?	Yes		
Actual Results	Total cost to Administer the grant from January -December 2019-\$2,597.18 Amount expended to grant was: \$2,359.42		

Grant Activity - Capital Outlay			
Description	<p>Capital Outlay- The Murray SWCD plans to purchase a 12ft No-Till Drill for assisting landowners in the implementation of wild life cover, critical area planting for erosion control, and water quality. We are also going to purchase a Ranger ATV to be used for Buffer Compliance, stream bank and shoreline erosion. No Till Drill-\$45,000.00 total cost but \$5,000.00 will be taken out of the District Tree Fund</p> <p>Ranger ATV-\$26,000.00 total cost but \$6,000.00 will be taken out of District Tree Fund</p> <p>Ranger ATV-\$20,000.00</p> <p>No-Till Drill-\$40,000.00</p>		
Category	SUPPLIES/EQUIPMENT		
Start Date	22-Feb-17	End Date	13-Dec-18
Has Rates and Hours?	No		
Actual Results	<p>The Murray SWCD purchased a 2017 Polaris Ranger to be used for field visits for Buffer Compliance and Stream Bank & Shoreline Erosion. The total cost was \$25,384.50- \$11,255.00 out of FY17 Capacity, \$5,000.00 was taken out of District generated funds and \$9,129.39 was taken out of FY16 District Capacity Funds. The Murray SWCD purchased a Great Plains Native Grass Drill for assisting landowners in the implementation of wild life cover, critical area planting for erosion control, and water quality. Of the total amount paid \$40,650.00- \$5,000.00 was taken out of District Generated Funds from Tree Program and the remainder of \$35,650.00 was taken out of FY17 Capacity Grant.</p> <p>Grant Expenditures: February-December 2017:</p> <p>2017 Polaris Ranger-\$11,255.11</p> <p>Great Plains Drill 1206NT-\$35,650.00</p> <p>Grant Expenditures: January-December 2018:</p> <p>Bear Track Trailer-\$2,937.68</p> <p>The Murray SWCD purchased a Great Plains No-Till Drill to be used for the Buffer Program, CREP Projects, Cover Crop Plantings, Waterways, Basins, and CRP plantings.</p> <p>Great Plains No-Till Drill-\$42,250.00</p> <p>Breakdown as follows</p> <p>FY16Capacity-\$23,807.97</p> <p>FY17 Capacity-\$9,157.21</p> <p>FY18 Buffer Grant-\$6,000.00</p> <p>District Funds not associated with any grant-\$3,284.82</p> <p>total spent: \$59,000.00</p>		

Grant Activity - Contracted TSA Technician			
Description	TSA Technician-The Murray SWCD along with Nobles and Pipestone have 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 problem. The Technician will an Employee of the Southwest Prairie Technical Service Area.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Feb-17	End Date	31-Dec-19
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 Murray SWCD paid for 1/3 of the Technician's salaries, insurance, pera, SS from July 1-2017-June 30-2018 in the amount of \$24,000.00		

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	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: FY16 Capacity-\$5,116.00 FY17 Capacity-\$3000.00 Landowner cost-\$2,705.45		

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	2 Polygon(s)		

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

Grant Activity - New 2017/2018 Cost-Share Assistance

Description	2017/2018 Cost-Share Assistance-The funds will be used to provide cost-share to install BMPs to address soil erosions issues in Murray County. The practices include but not limited to waterways, water & sediment control basins, terraces, ect. The Murray SWCD will also offer up to \$200.00/acre for seeding buffers. The cost-share will be limited to 75% of the approved documented cost. The Murray SWCD will be constructed according to the NRCS Field Office Technical Guide. The engineer sign off will be provided by the Southwest Prairie Technical Service Area (SWPTSA)		
Category	AGRICULTURAL PRACTICES		
Start Date	22-Feb-17	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	<p>Gene Stoel (Leed section 25 S1/2 SE1/4) constructed a waterway to control erosion and improve water quality. The Southwest Prairie Technical Service Area provided the Technical work on the waterways which was constructed to NRCS field technical service guide standards. The total cost is as follows:</p> <p>FY17 Capacity-\$8,277.25 Landowner cost-\$2,759.09</p> <p>Russell Gundermann installed a sediment basin to reduce gully erosion, trap sediment and reduce and manage runoff. The practice was designed and constructed according to NRCS practice standards. The NRCS Soil Con Tech provided the technical service for the project.</p> <p>FY17 Capacity Grant-\$77.58 Landowner cost-\$1,898.07</p>		

Activity Action - Russell Gundermann			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	Russell Gundermann WASCB located in Des Moines River Section 1 SE		
Proposed Size / Units	0.16 AC	Lifespan	10 Years
Actual Size/Units	0.16 AC	Installed Date	5-Nov-19
Mapped Activities	1 Point(s)		

Final Indicator for Russell Gundermann			
Indicator Name	SEDIMENT (TSS)	Value	40.43
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Louisa		

Final Indicator for Russell Gundermann			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	40.43
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Louisa		
Final Indicator for Russell Gundermann			
Indicator Name	SOIL (EST. SAVINGS)	Value	80.86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Louisa		

Activity Action - Gene Stoel Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Gene Stoel Waterway located in Leed township section 25 S1/2 SE1/4		
Proposed Size / Units	2,575.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,575.00 LINEAR FEET	Installed Date	12-Nov-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Gene Stoel Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Final Indicator for Gene Stoel Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	42.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Final Indicator for Gene Stoel Waterway			
Indicator Name	SEDIMENT (TSS)	Value	7.43
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Stream		

Grant Activity - New 2017/2018 Cost-Share Assistance Landowner			
Description	Landowner Fund		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Steven Meyer-Grade Stabilization			
Description	Steven Meyer (#17-03)-Grade Stabilization located in Holly Twp section 7-SE1/4		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Apr-19	End Date	10-Oct-19
Has Rates and Hours?	No		
Actual Results	<p>Steven Meyer completed a grade stabilization to stabilize the channel grade and control erosion to prevent the formation or advance of gullies and headcuts. Total cost of the project was \$26,854.15.</p> <p>Cost-Share payment -\$10,180.22</p> <p>FY17 Capacity (\$2,101.84)</p> <p>FY18 Capacity (8.078.38)</p> <p>The project was completed by NRCS specifications with technical assistance provided by Area II.</p>		

Activity Action - Steven Meyer-Grade Stabilization			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Steven Meyer Grade Stabilization located in Holly Twp section 7-SE1/4		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	5-Aug-19
Mapped Activities	1 Point(s)		

Final Indicator for Steven Meyer-Grade Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Stream		

Final Indicator for Steven Meyer-Grade Stabilization			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	.01
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	Other
Waterbody	Stream		
Final Indicator for Steven Meyer-Grade Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	stream		
Final Indicator for Steven Meyer-Grade Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	120
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Stream		

Grant Activity - Technical Assistance			
Description	This activity budget is used to pay technical assistance on projects		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Feb-17	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	The Murray SWCD paid the Southwest Prairie Technical Service Area for technical work on projects which included designs, surveying, construction checks, sign off, ect. Total expended: \$1,183.91		

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Murray SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Murray SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/01/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/12/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/13/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/07/2020
Drone Invoice	Grant	2017 - SWCD Local Capacity Services (Murray SWCD)
FY17 Capacity Services	Grant	2017 - SWCD Local Capacity Services (Murray SWCD)
Financial Report for Reconciliation B	Grant	2017 - SWCD Local Capacity Services (Murray SWCD)
Murray SWC D CY17 eLink Needs	Journal	Journal Dated - 02/05/2018
Murray SWCD CY18 eLINK Reporting Needs	Journal	Journal Dated - 03/01/2019
P17-3937 Reconciliation B Checklist	Journal	Journal Dated - 03/16/2018
Technical Assistance	Grant	2017 - SWCD Local Capacity Services (Murray SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/17/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/07/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/15/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/01/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/02/2018