



Grant All-Detail Report SWCD Local Capacity Services 2018

Grant Title - 2018 - SWCD Local Capacity Services (Murray SWCD)

Grant ID - P18-9679

Organization - Murray SWCD

Original Awarded Amount	\$118,000.00	Grant Execution Date	9/28/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Shelly Lewis
Current Awarded Amount	\$118,000.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$118,000.00	\$118,000.00	\$0.00
Total Match Amount	\$27,960.39	\$27,960.39	\$0.00
Total Other Funds	\$21,813.48	\$21,813.48	\$0.00
Total	\$167,773.87	\$167,773.87	\$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
2018 Administration	Administration /Coordination	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$2,000.00	\$6,180.60	9/30/2020	N
2018 Capacity Grant Cost-Share Assistance	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$11,342.00	\$11,342.00	6/11/2020	N
2018 Capacity Grant Cost-Share Assistance	Agricultural Practices	Local Fund	Murray County	\$18,000.00	\$18,000.00	3/11/2021	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2018 Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$10,613.10	\$6,432.50	12/31/2020	N
Contracted TSA Technician	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$24,000.00	\$24,000.00	4/5/2018	N
District Technical Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$9,440.49	\$9,440.49	9/30/2020	N
Equipment	Supplies/Equipment	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$15,559.51	\$15,559.51	11/14/2017	N
Kerry Ruppert Waterway	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$24,801.52	\$24,801.52	11/12/2020	N
Kerry Ruppert Waterway	Agricultural Practices	Other Funds	2019 - SWCD Local Capacity Services (Murray SWCD)	\$12,998.10	\$12,998.10	11/12/2020	N
Richard Vander Ziel Pond	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$12,165.00	\$12,165.00	3/11/2021	N
Steven Meyer-Grade Stabilization	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Murray SWCD)	\$8,078.38	\$8,078.38	10/10/2019	N
Steven Meyer-Grade Stabilization	Agricultural Practices	Federal Funds	Federal Funds	\$9,960.39	\$9,960.39	10/8/2019	Y
Steven Meyer-Grade Stabilization	Agricultural Practices	Other Funds	2017 - SWCD Local Capacity Services (Murray SWCD)	\$2,101.84	\$2,101.84	10/10/2019	N
Steven Meyer-Grade Stabilization	Agricultural Practices	Other Funds	Landowner Fund	\$6,713.54	\$6,713.54	10/10/2019	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	1	1	1 COUNT	COUNT
412 - Grassed Waterway and Swales	1	1	5.6 AC	5.6 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
378 - Pond for Water Use	1	1	0.52 AC	0.52 AC
410 - Grade Stabilization Structure	1	1	180 LINEAR FEET	172 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
SOIL (EST. SAVINGS)	324.21	TONS/YR
SEDIMENT (TSS)	166.83	TONS/YR
VOLUME REDUCED (ACRE-FEET/YEAR)	0.01	ACRE-FEET/YR
PHOSPHORUS (EST. REDUCTION)	150.83	LBS/YR

Grant Activity

Grant Activity - 2018 Administration

Description	The 2018 capacity funding will be used for administering the grant which will include cost-share contracts, vouchers, eLink, ect.		
Category	ADMINISTRATION/COORDINATION		
Start Date	28-Sep-17	End Date	30-Sep-20
Has Rates and Hours?	Yes		
Actual Results	<p>none spent to date 12/31/2018</p> <p>2019: The District Administrator worked on Capacity cost-share contracts, vouchers, tracking, and eLink. Total Hours was 72.47 @42.52/hour=\$3,081.00</p> <p>2020 Expense:</p> <p>January-September 2020 District Administrator-63 hrs@49.20/hr=\$3,081.00</p>		

Grant Activity - 2018 Capacity Grant Cost-Share Assistance

Description	2018 Capacity Grant Cost-Share Assistance-The funds will be used to provide cost-share to install BMPs to address soil erosion issues in Murray County. The practices include but not limited to waterways, water & sediment control basins, terraces, ect. The cost-share will be limited to 75% of the approved documented cost. The practices 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	28-Sep-17	End Date	30-Nov-20
Has Rates and Hours?	No		
Actual Results	None spent to date 12/31/2018 None Spent to Date 12/31/2019 Mark Beech installed a grade stabilization structure to stabilize the channel grade and erosion to prevent the formation or advance of gullies and headcuts. Total cost of project: \$15,123.50 Cost-Share: \$11,342.00 FY18 Capacity cost-share Murray County matched \$18,000.00 for the Richard Vander Ziel Project #18-01 for a pond repair.		

Activity Action - Mark Beech			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Mark Beech Grade stabilization located in Mason township section 26 SW1/4		
Proposed Size / Units	180.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	172.00 LINEAR FEET	Installed Date	3-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Mark Beech			
Indicator Name	SOIL (EST. SAVINGS)	Value	37.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		
Final Indicator for Mark Beech			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	37.45

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		
Final Indicator for Mark Beech			
Indicator Name	SEDIMENT (TSS)	Value	37.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		

Grant Activity - 2018 Technical/Engineering			
Description	The funds will be used for Technical/Engineering which includes designing projects, construction checks, staking, sign off, ect.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	28-Sep-17	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	<p>The Murray SWCD paid the Southwest Prairie Technical Service area for technical work on projects which includes designs, staking, construction checks, sign off, ect.</p> <p>2018 expense: Richard Vander Ziel-\$1,972.61</p> <p>2019 expense Mark Beech-\$967.64</p> <p>2020 Expense: \$3,492.25 Mark Beech -789.49 Richard Vander Ziel-2,276.03 Richard Vander Ziel-426.73</p>		

Grant Activity - Contracted TSA Technician

Description	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 be an Employee of the Southwest Prairie Technical Service Area.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	28-Sep-17	End Date	30-Jun-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, Social Security 07/01/2018-06/30/2019 in the amount of \$24,000.00		

Grant Activity - District Technical Assistance

Description	This activity will be used to bring the Murray SWCD District Technician position wage in line with other area SWCD Technicians with accelerated experience. The district budget has lacked the capacity to sustain and retain a more experienced district technician and would use this activity to make up the difference which is \$4.53 higher than the range of the position. The goal will be to hire for more experience. A survey of local districts was used to compare salary and benefit status of technicians with like qualifications desired to come up with the figure.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	18-Jun-19	End Date	30-Sep-20
Has Rates and Hours?	Yes		
Actual Results	<p>The grant funds were used to bring the Murray SWCD District Technician position wage in line with other area SWCD Technicians with accelerated experience.</p> <p>2019 June 18-December 31, 2019 District Technician-212 hours @22.40/hour 2019 expended-\$4748.00</p> <p>2020 January-September 2020 District Technician-113 Hours @41.67 2020 expended-\$4,692.49 Total Grant Expense-\$9,440.49</p>		

Grant Activity - Equipment

Description	Equipment-The Murray SWCD plans to purchase a Trimble R10 to allow the SWCD Technician to survey & design BMP practices. The total cost of the equipment is \$30,930.56 with the funds used as follows: \$5,000.00-Buffer Grant \$930.56-District Tree Program \$25,000.00-Capacity Grant		
Category	SUPPLIES/EQUIPMENT		
Start Date	28-Sep-17	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	The Murray SWCD purchased a Trimble R10 Survey equipment to be used for Conservation practices. The total cost of the trimble R10 was \$21,559.51. FY18 Capacity Grant-\$15,559.51 District Generated funds-\$1,000.00 FY18 Buffer Grant-\$5,000.00		

Grant Activity - Kerry Ruppert Waterway

Description	Kerry Ruppert Waterway Located in Mason Township Section 21 SW1/4.		
Category	AGRICULTURAL PRACTICES		
Start Date	13-Aug-20	End Date	28-Aug-20
Has Rates and Hours?	No		
Actual Results	Kerry Ruppert installed a grass waterway which are constructed graded channels that are seeded to grass or other suitable vegetation. The vegetation slows the water and the grassed waterway conveys the water to a stable outlet at a non-erosive velocity. The waterway is located in Mason township section 21 SW1/4. Expense: 2018 Capacity Grant-\$24801.90 2019 Capacity Grant-\$12,998.10 Total project cost \$37,800.00		

Activity Action - Kerry Ruppert Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Kerry Ruppert Waterway		
Proposed Size / Units	5.60 AC	Lifespan	10 Years
Actual Size/Units	5.60 AC	Installed Date	28-Aug-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for Kerry Ruppert Waterway			
Indicator Name	SEDIMENT (TSS)	Value	59.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 18		

Final Indicator for Kerry Ruppert Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	119.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 18		

Final Indicator for Kerry Ruppert Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	59.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 18		

Grant Activity - Richard Vander Ziel Pond			
Description	Richard Vander Ziel Pond Repair located in Chanarambie Township section 35 NW1/4		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Oct-20	End Date	30-Nov-20
Has Rates and Hours?	No		
Actual Results	Richard Vander Ziel pond repair located in Chanarambie Township Section 35-NW1/4. Total Cost: \$30,165.00 Murray County-\$18,000.00 Capacity C-S-\$12,165.00		

Activity Action - Vander Ziel Pond Repair			
Practice	378 - Pond for Water Use	Count of Activities	1
Description	Richard Vander Ziel Pond Repair located in Chanarambie Township section 35 NW1/4		
Proposed Size / Units	0.52 AC	Lifespan	10 Years
Actual Size/Units	0.52 AC	Installed Date	21-Oct-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Vander Ziel Pond Repair

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	23.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 14		

Final Indicator for Vander Ziel Pond Repair

Indicator Name	SEDIMENT (TSS)	Value	23.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 14		

Final Indicator for Vander Ziel Pond Repair

Indicator Name	SOIL (EST. SAVINGS)	Value	47.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 14		

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)	Technical Assistance Provider	

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 Attachments

Document Name	Document Type	Description
2018 SWCD Capacity Amendment EXECUTED - Murray SWCD	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
2018 SWCD Capacity Amendment UNEXECUTED - Murray SWCD	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
2018-19 Cost Share amendment EXECUTED	Grant Agreement Amendment	

Document Name	Document Type	Description
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Murray SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Murray SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/13/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/07/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/15/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/18/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/11/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/10/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/09/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/10/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/01/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2021
County Motion for Grant Match	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
Expenditures Report Attached for Reconciliation	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
Financial Report	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
Murray SWCD CY17 eLINK Reporting Needs	Journal	Journal Dated - 02/05/2018
Murray SWCD FY18 Cap Amend Req for Time	Journal	Journal Dated - 10/01/2020
Murray SWCD FY18 Capacity Extension Amendment	Grant Agreement Amendment	
Murray WP amendment request 20190612	Journal	Journal Dated - 06/13/2019
P18-9679 Reconciliation C Checklist	Journal	Journal Dated - 02/05/2021
TSA Technical work	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
TSA Technical work Oct-Dec 2020	Grant	2018 - SWCD Local Capacity Services (Murray SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/15/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 06/18/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/24/2018

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 06/13/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/13/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/03/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/13/2020