



Grant All-Detail Report Cost Share 2017

Grant Title - 2017 - State Cost-Share Fund (Marshall SWCD)

Grant ID - P17-7443

Organization - Marshall SWCD

Original Awarded Amount	\$9,491.00	Grant Execution Date	
Required Match Amount	\$2,372.75	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Darren Carlson
Current Awarded Amount	\$9,491.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$9,491.00	\$8,016.16	\$1,474.84
Total Match Amount	\$1,897.39	\$1,897.39	\$0.00
Total Other Funds	\$7,254.68	\$9,628.53	\$-2,373.85
Total	\$18,643.07	\$19,542.08	\$-899.01

*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
2017 State Cost Share Funds Available	Agricultural Practices	Current State Grant	2017 - State Cost-Share Fund (Marshall SWCD)	\$6,715.43	\$4,317.43	12/12/2018	N
2017 State Cost Share Funds Available	Agricultural Practices	Landowner Fund	Landowner Fund	\$1,897.39	\$1,897.39	7/5/2019	Y
2017 Technical Assistance	Administration /Coordination	Current State Grant	2017 - State Cost-Share Fund (Marshall SWCD)	\$1,898.20	\$1,427.76	12/12/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Philip Klopp Field Windbreak SCS 17-05	Wind Erosion	Current State Grant	2017 - State Cost-Share Fund (Marshall SWCD)	\$877.37	\$877.37	7/5/2019	N
Philip Klopp Field Windbreak SCS 17-05	Wind Erosion	Other Funds	2018 - State Cost-Share Fund (Marshall SWCD)	\$438.13	\$438.13	11/6/2019	N
Virgil Wagner # 16-04	Agricultural Practices	Current State Grant	2017 - State Cost-Share Fund (Marshall SWCD)	\$0.00	\$1,393.60	12/12/2018	N
Virgil Wagner # 16-04	Agricultural Practices	Other Funds	2016 - SWCD Local Capacity Services (Marshall SWCD)	\$0.00	\$2,373.85	12/12/2018	N
Virgil Wagner # 16-04	Agricultural Practices	Other Funds	2016 - State Cost-Share Fund (Marshall SWCD)	\$4,170.55	\$4,170.55	12/12/2018	N
Virgil Wagner # 16-04	Agricultural Practices	Other Funds	Landowner Funds	\$2,646.00	\$2,646.00	12/12/2018	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
410 - Grade Stabilization Structure	2	2	2 COUNT	2 COUNT
410 - Grade Stabilization Structure	5	5	5 COUNT	5 COUNT
380 - Windbreak/Shelterbelt Establishment	2	2	1200 LINEAR FEET	1200 LINEAR FEET
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

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

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	151.00	TONS/YR

SOIL (EST. SAVINGS)	153.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	134.00	LBS/YR

Grant Activity

Grant Activity - 2017 State Cost Share Funds Available			
Description	2017 State Cost Share Funds will be used to install (according to NRCS specifications & standards) eligible State Cost Share practices such as Field Windbreaks, Grass Filter/Buffer Strips, Side Water Inlets (SWIs), Well Sealings, Streambank Protection, Etc.		
Category	AGRICULTURAL PRACTICES		
Start Date	18-Aug-16	End Date	
Has Rates and Hours?	No		
Actual Results	With these funds, the Marshall SWCD has been able to cost share on 8 Side Water Inlets (SWIs). This includes the 5 SWIs reported as a separate activity named Virgil Wagner # 16-04 because they were linked to other state funds. Another Rock Outlet is planned for installation in 2020 with these funds.		

Activity Action - SCS 17 - 01 Mark Robertson			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	One Side Water Inlet (SWI) was installed according to NRCS FOTG Grade Stabilization Structure 410 standard. This SWI is located just upstream of the Middle River near Argyle, MN. Jim Hest, P.E. for the Red River Valley Conservation Service Area, surveyed, designed and signed off on the project. Dufault Excavating out of Argyle, MN did the majority of the work along with the landowner.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	1 Point(s)		

Final Indicator for SCS 17 - 01 Mark Robertson			
Indicator Name	SEDIMENT (TSS)	Value	18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Middle River		
Final Indicator for SCS 17 - 01 Mark Robertson			
Indicator Name	SOIL (EST. SAVINGS)	Value	18

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Middle River		
Final Indicator for SCS 17 - 01 Mark Robertson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Middle River		

Activity Action - SCS 17 - 03 Jason Wagner			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	Two Side Water Inlets (SWI) were installed according to NRCS FOTG Grade Stabilization Structure 410 standard. These SWIs are located on State Ditch 83 near Middle River, MN. Jim Hest, P.E. for the Red River Valley Conservation Service Area, surveyed, designed and signed off on the project. Lunke Inc. out of Newfolden, MN did the majority of the work along with the landowner.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	2 Point(s)		

Final Indicator for SCS 17 - 03 Jason Wagner			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	State Ditch 83		
Final Indicator for SCS 17 - 03 Jason Wagner			
Indicator Name	SEDIMENT (TSS)	Value	55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	State Ditch 83		
Final Indicator for SCS 17 - 03 Jason Wagner			
Indicator Name	SOIL (EST. SAVINGS)	Value	55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	State Ditch 83		

Activity Action - SCS 17 - 02 Rodney Teigen			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	One existing Side Water Inlet (SWI)/Rock Outlet Protection will be installed according to NRCS FOTG Grade Stabilization Structure 410 standard. This SWI/Rock Outlet Protection is located on County Ditch 44 - Lat. 1 near Oslo, MN. Jim Hest, P.E. for the Red River Valley Conservation Service Area, has surveyed and designed the project. He will sign off on the project once completed.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	1 Point(s)		

Final Indicator for SCS 17 - 02 Rodney Teigen			
Indicator Name	SEDIMENT (TSS)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 1		
Final Indicator for SCS 17 - 02 Rodney Teigen			
Indicator Name	SOIL (EST. SAVINGS)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 1		
Final Indicator for SCS 17 - 02 Rodney Teigen			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 1		

Grant Activity - 2017 Technical Assistance

Description	The Marshall SWCD uses Technical Assistance for administration of the State Cost Share Program. Marshall SWCD staff will assist landowners with application process. Site investigations will be made, and practices will be surveyed and designed. Meet with landowners to verify plans. Meet with contractors prior to construction and be on site during construction. As-built surveys completed and recorded on plans. Cost-share vouchers completed and presented to Board of Supervisors for approval. Checks are cut to the contract holder and proper documentation recorded in the program log and disbursement journal. Larger projects will be coordinated with the RRVCSA staff and assist them as needed.		
Category	ADMINISTRATION/COORDINATION		
Start Date	18-Aug-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	The Marshall SWCD uses these fund for Technical Assistance to administrate this program. So far these funds have been used to pay for the Marshall SWCD staff time on installation of 8 SWIs.		

Grant Activity - Philip Klopp Field Windbreak SCS 17-05

Description	2 Rows of Norway Poplar will be planted as a Field Windbreak. Each row will be 1,200 Feet. Trees will be planted at 10 Feet apart in the rows.		
Category	WIND EROSION		
Start Date	1-May-19	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	2 rows of Norway Poplar was planted by the Marshall SWCD. Trees were planted 10 feet apart in the rows. Close to 250 trees were planted.		

Activity Action - Phil Klopp Field Windbreak			
Practice	380 - Windbreak/Shelterbelt Establishment	Count of Activities	2
Description	Marshall SWCD planted 2 rows, 1,200 linear feet of Norway Poplar. Tubex shelters were also place around the trees.		
Proposed Size / Units	1,200.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,200.00 LINEAR FEET	Installed Date	5-May-19
Mapped Activities	2 Line(s)		

Final Indicator for Phil Klopp Field Windbreak			
Indicator Name	SOIL (EST. SAVINGS)	Value	2
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Middle River		

Grant Activity - Virgil Wagner # 16-04			
Description	5 Side Water Inlets (SWIs) will be installed on State Ditch 83. Additionally funding for these SWIs will come from 2017 Marshall SWCD State Cost Share and 2017 Local Capacity Funds. These 5 SWIs will help reduce erosion from entering State Ditch 83 in a 55 acre watershed.		
Category	AGRICULTURAL PRACTICES		
Start Date	10-Oct-18	End Date	12-Dec-18
Has Rates and Hours?	No		
Actual Results	5 Side Water Inlets (SWIs) were installed on State Ditch 83. Additionally funding for these SWIs came from 2017 Marshall SWCD State Cost Share and 2017 Local Capacity Funds. These 5 SWIs will help reduce erosion from entering State Ditch 83 in a 55 acre watershed. Lunke's Inc. out of Newfolden, MN were the contractors.		

Activity Action - Virgil Wagner SCS 16-04			
Practice	410 - Grade Stabilization Structure	Count of Activities	5
Description	5 Side Water Inlets (SWIs) were installed along State Ditch 83 in Cedar Township in the fall of 2018. Lunke's Inc. of Newfolden, MN did the work and Jim Hest, Engineer for Red River Valley Conservation Service Area, signed off on the project. These SWIs will help reduce erosion for a total of 55 acres.		
Proposed Size / Units	5.00 COUNT	Lifespan	10 Years
Actual Size/Units	5.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	5 Point(s)		

Final Indicator for Virgil Wagner SCS 16-04			
Indicator Name	SEDIMENT (TSS)	Value	69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	State Ditch 83		

Final Indicator for Virgil Wagner SCS 16-04			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	State Ditch 83		
Final Indicator for Virgil Wagner SCS 16-04			
Indicator Name	SOIL (EST. SAVINGS)	Value	69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	State Ditch 83		

Grant Attachments

Document Name	Document Type	Description
2016-17 Cost Share amendment EXECUTED	Grant Agreement Amendment	
2017 Cost Share Amendment_2 EXECUTED	Grant Agreement Amendment	
2017 SWCD Programs and Operations Addendum	Grant Agreement	2017 Programs and Operations Addendum - Marshall SWCD
2017 SWCD Programs and Operations Addendum executed	Grant Agreement	2017 Programs and Operations Addendum - Marshall SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/29/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2018
Extension Request	Grant Agreement Amendment	
Extension Request #2	Grant Agreement Amendment	
Unexecuted Grant Amendment	Grant Agreement Amendment	
Unexecuted Grant Amendment #2	Grant Agreement Amendment	

