



Grant All-Detail Report

SWCD Local Capacity Services 2017

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

Grant ID - P17-6314

Organization - Marshall SWCD

Original Awarded Amount	\$100,000.00	Grant Execution Date	4/3/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Darren Carlson
Current Awarded Amount	\$100,000.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$51,171.90	\$48,828.10
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$100,000.00	\$51,171.90	\$48,828.10

*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 Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$6,000.00	\$5,225.00	12/19/2018	N
2017 Equipment Rental and Purchases	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$7,000.00	\$6,729.56	12/31/2018	N
2017 Marshall SWCD Conservation Cost Share Program - SWIs	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$55,000.00	\$30,299.25	11/30/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2017 Marshall SWCD Conservation Cost Share Program - Well Sealings	Groundwater	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$10,000.00			N
2017 One Watershed One Plan Administration	Planning and Assessment	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$10,000.00	\$3,978.98	9/30/2018	N
2017 Technical Assistance	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Marshall SWCD)	\$12,000.00	\$4,939.11	12/31/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	10	10	2 COUNT	2 COUNT
410 - Grade Stabilization Structure	3	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)	452.00	TONS/YR
SOIL (EST. SAVINGS)	359.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	393.00	LBS/YR

Grant Activity

Grant Activity - 2017 Engineering Assistance

Description	Marshall County Comprehensive Local Water Management Plan		
	The Marshall SWCD works with the Red River Valley Conservation Service Area (RRVCSA) on surveying, designing and implementing Ag Best Management Practices (BMPs) throughout the county. These funds will go to offset some of the costs associated with the RRVCSA work. Funds will go to survey, design, construction inspection, etc. for SWIs outside of the Red Lake Watershed District. The Marshall SWCD has funds for RRVCSA work but just in the Red Lake Watershed District. An average of \$300 per Side Water Inlet is what the RRVCSA charges.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 were used to help pay for Jim Hest's time. He is the Professional Engineer from the Red River Valley Conservation Service Area (RRVCSA) that assisted the Marshall SWCD in surveying, designing and signing off on Side Water Inlets (SWIs) throughout Marshall County.		

Grant Activity - 2017 Equipment Rental and Purchases

Description	Marshall County Comprehensive Local Water Management Plan		
	The Marshall SWCD currently has a Haybuster Drill that half was purchased in 2012 and the other half in 2016. 41 landowners have used the Marshall SWCD Haybuster to plant 1,400 acres, With Governor Dayton's proposed new Buffer law and continuous Conservation Reserve Program (CCRP/CRP) applications, the Marshall SWCD has numerous request for staff to come out and plant their acres. Funds will be used towards the rental of tractor(s) to be used with the drill(s). The Marshall SWCD currently uses their staff to plant acres with their drill. In 2016, Marshall SWCD staff rented a tractor at \$20/hour and used it for a little more than 200 hours. The Marshall SWCD sees rental of a tractor at least 300 hours in 2017. Marshall SWCD will also look at purchasing a screen/projector for their new meeting room.		
Category	SUPPLIES/EQUIPMENT		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 were used for the purchase of the Marshall SWCD Gandy Seeder. The Marshall SWCD uses this Seeder to help landowners with Buffer Implementation. Also funds were used to pay for rental of tractor for pulling the Marshall SWCD Haybuster Drill in 2018. This Haybuster Drill was used to help plant CRP and Buffer Acres throughout the County.		

Grant Activity - 2017 Marshall SWCD Conservation Cost Share Program - SWIs

Description	Marshall County Comprehensive Local Water Management Plan		
	Marshall SWCD will use these funds as cost share assistance (75%) for the installation of Side Water Inlets (SWIs), Grass Filter Strips/Buffer Implementation (pay \$200/acre), Grade Stabilization Structures and Outlet Structures practices consistent with NRCS Field Technical Guide in Marshall County. For the Buffer Strip Implementation, no other state or federal funds will be used as an incentive payments. Local policies will be set for Marshall County before any of the Cost Sharing Dollars are utilized. Marshall SWCD staff will submit a local policy to the Board Conservationist for review and approval.		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	No		
Actual Results	As of 12/31/18, there were 8 contracts with 13 Side Water Inlets (SWIs) installed on various ditch systems throughout Marshall County.		

Activity Action - Jeremy Nelson Eng. 17-05			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	2 Side Water Inlets (SWIs) were installed along County Ditch 20 in Grand Plain Township in the fall of 2017. Nelson Excavating of Thief River Falls, 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 95.3 acres.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	15-Nov-17
Mapped Activities	2 Point(s)		

Final Indicator for Jeremy Nelson Eng. 17-05			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		
Final Indicator for Jeremy Nelson Eng. 17-05			
Indicator Name	SEDIMENT (TSS)	Value	35

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		
Final Indicator for Jeremy Nelson Eng. 17-05			
Indicator Name	SOIL (EST. SAVINGS)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		

Activity Action - Middle/Snake/Tamarac Watershed District Eng. 17-01			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	One Side Water Inlet (SWI) was installed in the NW 1/4, Oak Park Strip Section 7. Gowan Construction of Oslo completed the work. Work consisted of installing 48" culvert at 66 feet long, seeding, mulching, disk anchoring and rock riprap. Houston Engineering signed off on the contract saying it was installed according to the design and specifications.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	4-Dec-17
Mapped Activities	1 Point(s)		

Final Indicator for Middle/Snake/Tamarac Watershed District Eng. 17-01			
Indicator Name	SEDIMENT (TSS)	Value	93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Unknown
Waterbody	County Ditch 44A - Lat. 1		

Activity Action - Dexter Gonsorowski Eng. 17-02			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	2 Side Water Inlets (SWIs) were installed in Viking Township Section 11 along JD 15 - Branch F. These 2 SWIs will help reduce erosion in a combined 31 acre watershed. Contractors, Weleski Excavating, LLC out of Newfolden, MN did the work. Jim Hest Red River Valley Conservation Service Area (RRVCSA) was the engineer who surveyed, designed and did a construction checkout to verify that it was done correctly.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	11-Sep-18
Mapped Activities	2 Point(s)		

Final Indicator for Dexter Gonsorowski Eng. 17-02			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		
Final Indicator for Dexter Gonsorowski Eng. 17-02			
Indicator Name	SOIL (EST. SAVINGS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		
Final Indicator for Dexter Gonsorowski Eng. 17-02			
Indicator Name	SEDIMENT (TSS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		

Activity Action - Dexter Gonsorowski Eng. 17-03			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	2 Side Water Inlets (SWIs) were installed in Marsh Grove Township Section 34 along County Ditch 18. These 2 SWIs will help reduce erosion in a combined 76.4 acre watershed. Contractors, Weleski Excavating, LLC out of Newfolden, MN did the work. Jim Hest Red River Valley Conservation Service Area (RRVCSA) was the engineer who surveyed, designed and did a construction checkout to verify that it was done correctly.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	11-Sep-18
Mapped Activities	2 Point(s)		

Final Indicator for Dexter Gonsorowski Eng. 17-03			
Indicator Name	SOIL (EST. SAVINGS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 18		
Final Indicator for Dexter Gonsorowski Eng. 17-03			
Indicator Name	SEDIMENT (TSS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 18		
Final Indicator for Dexter Gonsorowski Eng. 17-03			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 18		

Activity Action - Eugene Larson Eng. 17-04			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	2 Side Water Inlets (SWIs) have been installed in Viking 11, along Judicial Ditch 15 - Branch F to help reduce erosion from a combined 223.5 acre watershed. Weleski Excavating LLC out of Newfolden, MN installed the 2 SWIs.		
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 Eugene Larson Eng. 17-04			
Indicator Name	SEDIMENT (TSS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		

Final Indicator for Eugene Larson Eng. 17-04			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		

Final Indicator for Eugene Larson Eng. 17-04			
Indicator Name	SOIL (EST. SAVINGS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 15 - Br. F		

Activity Action - Steve Holte Eng. 17-06			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlets (SWIs) was installed to help reduce erosion in a 39 acre watershed in Valley Section 19 along the Mud River. Holthusen Construction, Inc. out of Grygla, MN installed the project and Jim Hest Red River Valley Conservation Service Area Engineer surveyd, designed and signed off on the project.		
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 Steve Holte Eng. 17-06			
Indicator Name	SEDIMENT (TSS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11/Mud River		
Final Indicator for Steve Holte Eng. 17-06			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11/Mud River		
Final Indicator for Steve Holte Eng. 17-06			
Indicator Name	SOIL (EST. SAVINGS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11/Mud River		

Activity Action - Steve Holte Eng. 17-07			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWIs) was installed in Eckvoll 32, NE 1/4 along JD 11 - Br. 180 which will help reduce erosion for a 41.8 Acre Watershed. Holthusen Construction, Inc. of Grygla, MN installed the project. Jim Hest Red River Valley Conservation Service Area was the engineer who surveyed, designed and signed off on the project.		
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 Steve Holte Eng. 17-07			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11 - Br. 180		
Final Indicator for Steve Holte Eng. 17-07			
Indicator Name	SOIL (EST. SAVINGS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11 - Br. 180		
Final Indicator for Steve Holte Eng. 17-07			
Indicator Name	SEDIMENT (TSS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11 - Br. 180		

Activity Action - Timothy Prestebak Eng. 17-11			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	2 Side Water Inlets (SWIs) were installed in Moylan Township Section 29, N 1/2 along County Ditch 20. The contract holder installed the SWIs and Jim Hest of the Red River Valley Conservation Services was the Engineer. These SWIs will help reduce erosion for combined watershed area of 166 acres.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	14-Aug-18
Mapped Activities	2 Point(s)		

Final Indicator for Timothy Prestebak Eng. 17-11			
Indicator Name	SEDIMENT (TSS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		
Final Indicator for Timothy Prestebak Eng. 17-11			
Indicator Name	SOIL (EST. SAVINGS)	Value	70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		
Final Indicator for Timothy Prestebak Eng. 17-11			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 20		

Grant Activity - 2017 Marshall SWCD Conservation Cost Share Program - Well Sealings

Description	Marshall County Comprehensive Local Water Management Plan		
	Marshall SWCD will use these funds as cost share assistance (50%) for the sealings of abandoned wells practice consistent with NRCS Field Technical Guide in Marshall County. Local policies will be set for Marshall County before any of the Cost Sharing Dollars are utilized. Marshall SWCD staff will submit a local policy to the Board Conservationist for review and approval.		
Category	GROUNDWATER		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	No		
Actual Results	No funds have been spent in Calendar Year 2018.		

Grant Activity - 2017 One Watershed One Plan Administration

Description	Marshall County Comprehensive Local Water Management Plan		
	2017 One Watershed One Planning and Assessment for Staff and Administration to develop One Watershed One Plan guidelines and work with the planning work group, coordinating with other LGU's and Consultants to develop a Watershed based water plan for the Thief River Watershed.		
Category	PLANNING AND ASSESSMENT		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	Yes		
Actual Results	Marshall SWCD staff assists with the development of the One Watershed One Plan for the Thief River Watershed. Various meetings and conference calls was used with these funds for staff time.		

Grant Activity - 2017 Technical Assistance

Description	Marshall County Comprehensive Local Water Management Plan		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	7-Apr-17	End Date	
Has Rates and Hours?	Yes		
Actual Results	Funds were spent on advertising/promoting the Marshall SWCD Cost Share Program, staff time on preparing contracts/maps and interaction with landowners on the project and cost share reimbursement/voucher work. Also staff time was used in working with local contractors on cost estimates for each well to be sealed. Also reporting of projects on Elink was charged to Technical Assistance.		

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Marshall SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Marshall SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/03/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/29/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/29/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/09/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/06/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/16/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Work Plan Revision Request	Journal	Journal Dated - 10/16/2017