



Grant All-Detail Report

Buffer Cost Share 2018

Grant Title - 2018 - Buffer Cost Share (Cottonwood SWCD)

Grant ID - P18-7194

Organization - Cottonwood SWCD

Original Awarded Amount	\$60,000.00	Grant Execution Date	7/25/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Kay Gross
Current Awarded Amount	\$60,000.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$32,573.92	\$24,230.79	\$35,769.21
Total Match Amount	\$10,889.08	\$7,616.37	\$3,272.71
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$43,463.00	\$31,847.16	\$39,041.92

*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 and Coordination	Administration /Coordination	Current State Grant	2018 - Buffer Cost Share (Cottonwood SWCD)	\$0.00			N
SBuffer 18-01 Raymond Kleinow	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Cottonwood SWCD)	\$13,815.59	\$8,961.75	9/26/2019	N
SBuffer 18-01 Raymond Kleinow	Agricultural Practices	Landowner Fund	Landowner contribution	\$5,065.75	\$2,987.25	9/26/2019	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SBuffer 18-02 Paul Evers	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Cottonwood SWCD)	\$17,376.67	\$13,887.38	9/26/2019	N
SBuffer 18-02 Paul Evers	Agricultural Practices	Landowner Fund	Landowner contribution	\$5,823.33	\$4,629.12	9/26/2019	Y
Technical and Engineering	Technical/Engineering Assistance	Current State Grant	2018 - Buffer Cost Share (Cottonwood SWCD)	\$1,381.66	\$1,381.66	10/24/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	6040 LINEAR FEET	3750 LINEAR FEET
412 - Grassed Waterway and Swales	1	2	1800 LINEAR FEET	1700 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)	156.00	TONS/YR
SOIL (EST. SAVINGS)	461.28	TONS/YR
PHOSPHORUS (EST. REDUCTION)	156.00	LBS/YR

Grant Activity

Grant Activity - Administration and Coordination			
Description	The Cottonwood SWCD staff will oversee the contract and BMP implementation.		
Category	ADMINISTRATION/COORDINATION		
Start Date	28-Jul-17	End Date	30-Nov-19
Has Rates and Hours?	No		
Actual Results	<p>March 2018: The Cottonwood SWCD returned unencumbered funding to the Board of Water and Soil Resources totaling \$27,426.08.</p> <p>January - November 2019 The Cottonwood SWCD staff completed the oversight on the Ray Kleinow and Paul Evers grass waterway installation and cost-share payment. The Southwest Prairie TSA technical staff completed the survey, design, checkout and certification of both projects. The Cottonwood SWCD paid the Southwest Prairie TSA for work completed by their staff (October 2019).</p> <p>Slippage was returned to the Board of Water and Soil Resources on 11-26-2019 totaling \$8,343.13.</p>		

Description

Grassed waterway in Selma 17.

This contract is two part:

(1) Main gully and grassed waterway repair that is connected to SBuffer 18-02 Paul Evers. Due to the amount of sediment contributing from Paul Evers land that is upstream of this waterway, it was necessary to include 18-02 to ensure the lifespan of this project.

(2) There is another gully entering the towards the end of the main channel gully that needs to be included due to the amount of sediment contributing to the main gully.

This parcel will become compliant with the Buffer Law from this practice, but due to the sedimentation from the upstream landowner (Paul Evers), it was necessary to include the upstream landowner in this gully fix to the Watonwan River.

PID: 14.017.0200

Category	AGRICULTURAL PRACTICES		
Start Date	16-Jan-18	End Date	26-Sep-19
Has Rates and Hours?	No		
Actual Results	<p>JANUARY - DECEMBER 2018:</p> <p>Landowner signed cost-share contract and was approved by the Cottonwood SWCD Board. Project design is being finalized by the SWP TSA.</p> <p>Total Estimated Project Cost: \$20,263.00 Cost-Share encumbered: \$15,197.25 Landowner contribution: \$5,065.75</p> <p>Grassed waterway in Selma 17. This contract is two part:</p> <p>(1) Main gully and grassed waterway repair that is connected to SBuffer 18-02 Paul Evers. Due to the amount of sediment contributing from Paul Evers land that is upstream of this waterway, it was necessary to include 18-02 to ensure the lifespan of this project.</p> <p>(2) There is another gully entering the towards the end of the main channel gully that needs to be included due to the amount of sediment contributing to the main gully.</p> <p>This parcel will become compliant with the Buffer Law from this practice, but due to the sedimentation from the upstream landowner (Paul Evers), it was necessary to include the upstream landowner in this gully fix to the Watonwan River.</p> <p>Total Project Cost: \$11,949.00 Cost-Share encumbered: \$8,961.75 Landowner contribution: \$2,987.25</p> <p>PID: 14.017.0200</p>		

Activity Action - SBuffer 18-01 Raymond Kleinow			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed Waterway project in Selma 17 to mitigate gully erosion.		
Proposed Size / Units	1,800.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,700.00 LINEAR FEET	Installed Date	30-Aug-19
Mapped Activities	2 Polygon(s)		

Final Indicator for SBuffer 18-01 Raymond Kleinow

Indicator Name	SEDIMENT (TSS)	Value	150.54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watowan		

Final Indicator for SBuffer 18-01 Raymond Kleinow

Indicator Name	SOIL (EST. SAVINGS)	Value	430.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watowan		

Final Indicator for SBuffer 18-01 Raymond Kleinow

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	150.54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watowan		

Grant Activity - SBuffer 18-02 Paul Evers

<p>Description</p>	<p>Grassed waterway in Selma 17. This is a multi-landowner project (Paul Evers is main contact and lead) to mitigate gully erosion between the two properties to the Watonwan River.</p> <p>This property contributes to the flow and sedimentation to SBuffer 18-01 Raymond Kleinow. We must treat this flow as it enters Kleinow's property to the Watonwan River if we want to ensure the life expectancy of the main gully.</p>		
<p>Category</p>	<p>AGRICULTURAL PRACTICES</p>		
<p>Start Date</p>	<p>20-Dec-17</p>	<p>End Date</p>	<p>26-Sep-19</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>JANUARY - DECEMBER 2018:</p> <p>Landowner signed cost-share contract and was approved by the Cottonwood SWCD Board. Project design is being finalized by the SWP TSA.</p> <p>Total Estimated Project Cost: \$23,200.00 Cost-Share encumbered: \$17,376.67 Landowner contribution: \$5,823.33</p> <p>Grassed waterway in Selma 17. This is a multi-landowner project (Paul Evers is main contact and lead) to mitigate gully erosion between the two properties to the Watonwan River.</p> <p>This property contributes to the flow and sedimentation to SBuffer 18-01 Raymond Kleinow. We must treat this flow as it enters Kleinow's property to the Watonwan River if we want to ensure the life expectancy of the main gully.</p> <p>The required tile for the whole project between the two landowner's properties are in contract SBuffer18-02 Paul Evers.</p> <p>Total Project Cost: \$18,516.50 Cost-Share encumbered: \$13,887.38 Landowner contribution: \$4,629.12</p>		

Activity Action - SBuffer 18-02 Paul Evers			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed Waterway between Evers/Kleinow property to mitigate gully erosion to the Watonwan River in Selma 17.		
Proposed Size / Units	6,040.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	3,750.00 LINEAR FEET	Installed Date	30-Aug-19
Mapped Activities	1 Polygon(s)		

Final Indicator for SBuffer 18-02 Paul Evers

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watonwan		

Final Indicator for SBuffer 18-02 Paul Evers

Indicator Name	SEDIMENT (TSS)	Value	5.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watonwan		

Final Indicator for SBuffer 18-02 Paul Evers

Indicator Name	SOIL (EST. SAVINGS)	Value	31.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Watonwan		

Grant Activity - Technical and Engineering

Description	The Southwest Prairie TSA were contacted to complete the survey, design, construction checkout for the Buffer Cost-Share Alternative Practices contracts.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	28-Jul-17	End Date	26-Nov-19
Has Rates and Hours?	No		
Actual Results	<p>The Southwest Prairie Technical Service Area staff completed the landowner meetings, stakeout of the project, design and construction inspection and as-built completion for the Kleinow and Evers projects.</p> <p>24.5 hours completed totaling \$1,381.66</p> <p>Russ Hoogendoorn - Engineer - 4.0 hours @ \$60.28 and 0.5 hours @ \$60.29 = \$271.26</p> <p>Mike Skoglund - Sr Engineering Technician - 20 hours @ \$55.52 = \$1,110.40</p>		

Grant Attachments

Document Name	Document Type	Description
12.31.17 Request Form	Grant	2018 - Buffer Cost Share (Cottonwood SWCD)
2018 Buffer Cost Share	Grant Agreement	2018 Buffer Cost Share - Cottonwood SWCD
2018 Buffer Cost Share executed	Grant Agreement	2018 Buffer Cost Share - Cottonwood SWCD
2018 BufferCS Financial Report & Return of Funds	Progress	Progress Dated - 11/19/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/02/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/02/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/19/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/09/2018
Return of State Grant Funds	Grant	2018 - Buffer Cost Share (Cottonwood SWCD)
Returned Funds Form	Grant	2018 - Buffer Cost Share (Cottonwood SWCD)