



## Grant All-Detail Report Projects and Practices 2017

**Grant Title** - Red Clay Dam Phase III: Stream Restoration at Failed Red Clay Dam and Partner Prioritization

**Grant ID** - C17-5391

**Organization** - Carlton SWCD

<b>Original Awarded Amount</b>	<b>\$95,773.00</b>	<b>Grant Execution Date</b>	<b>3/6/2017</b>
<b>Required Match Amount</b>	\$23,943.25	<b>Original Grant End Date</b>	12/31/2019
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Melanie Bomier
<b>Current Awarded Amount</b>	\$95,773.00	<b>Current End Date</b>	12/31/2019

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$95,773.88	\$15,705.24	\$80,067.76
Total Match Amount	\$24,000.00	\$12,596.80	\$11,403.20
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$119,773.88</b>	<b>\$28,302.04</b>	<b>\$91,470.96</b>

\*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
Construction Match	Agricultural Practices	Local Fund	Ecofootprint	\$24,000.00	\$12,596.80	12/31/2018	Y
Haeg, Lundquist, Svacina and Karp Dam Development	Project Development	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$13,138.80	\$6,169.81	12/31/2018	N
Lund Dam Removal and Stream Restoration	Streambank or Shoreline Protection	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$58,582.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Project Management	Administration /Coordination	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$4,404.40	\$864.23	12/31/2018	N
Restoration- Survey, Design, Bidding and Inspection	Technical/Engineering Assistance	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$7,964.90	\$2,154.76	12/31/2018	N
Restoration-Permitting	Planning and Assessment	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$8,403.78	\$2,776.72	12/31/2018	N
Stream Restoration Training	Education/Information	Current State Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Cla..	\$3,280.00	\$3,739.72	12/31/2017	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
584 - Stream Channel Stabilization	1	1	250 LINEAR FEET	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
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## Grant Activity

Grant Activity - Construction Match			
Description	Construction Match		
Category	AGRICULTURAL PRACTICES		
Start Date	3-Sep-18	End Date	31-Oct-18
Has Rates and Hours?	No		
Actual Results	Since the Lund project will not move forward, matching funds were used for design of the Lysne Dam/stream restoration.		

Grant Activity - Haeg, Lundquist, Svacina and Karp Dam Development			
Description	Meet with land owners and DNR to discuss restoration options. Evaluate up and down stream infrastructure, including Soo Line trail culverts.		
Category	PROJECT DEVELOPMENT		
Start Date	1-May-17	End Date	
Has Rates and Hours?	Yes		
Actual Results	Water Resource Tech worked with the land owner of the County 103 structure. Also discussed the project with the DNR Hydrologist and Fisheries manager. Completed Skunk Creek Soo Line Trail culvert inventory. Worked with Lysne dam owner on his failing structure. Coordinated with NRCS for structure inspection. Land owner does not want to loose his pond, and so restoration is not an option at this time. Met with Lundquist Dam owner. Land owner also likes their pond.		

Grant Activity - Lund Dam Removal and Stream Restoration			
Description	Includes construction costs, TSA assistance with engineering designs, survey, construction inspection, permitting and bidding. An estimated 250 linear feet of stream will be restored along a reduction of annual 80 tons of sediment annually.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Lund Stream Restoration			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description			
Proposed Size / Units	250.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	1 Line(s)		

Grant Activity - Project Management			
Description	Project management including compiling invoices, reporting and coordination.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results	Administrative assistant and water resource technician worked on project management including invoicing and annual reporting.		

Grant Activity - Restoration- Survey, Design, Bidding and Inspection			
Description	SWCD assistance with project Survey, Design, Bidding and Inspection.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	2-Jun-17	End Date	25-Jun-18
Has Rates and Hours?	Yes		
Actual Results	Water Resources Tech Hours to assist TSA III with project survey. Designs were completed and presented to land owner. Land owner had significant life events and health issues and requested to no longer move forward with the project.		

### Grant Activity - Restoration-Permitting

<b>Description</b>	Includes hours for completing the EAW, Public Waters Permit, County wetland and shoreland permits, Archeological site visit, along with associated fees.		
<b>Category</b>	PLANNING AND ASSESSMENT		
<b>Start Date</b>	9-Jan-18	<b>End Date</b>	27-Sep-18
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Conservation Tech completed wetland delineation. Water Resources Tech completed wetland application permit. Water resources tech worked with DNR hydrologist for project (no Public Waters Permit needed) and set up wetland delineation for No Loss Permit. TEP met on site and issued the permit. Army Corps permit was also approved.		

### Grant Activity - Stream Restoration Training

<b>Description</b>	DNR Stream Restoration training for the Water Resources Technician (WRT).		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	17-Jul-17	<b>End Date</b>	18-Aug-17
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	The DNR Stream Restoration Training was increased to 2 weeks and the fees were therefore also increased. To keep our project within budget, the USFS Stream Simulation Design Approach for Providing Aquatic Organism Passage at Road-Stream Crossings was selected instead.		

### Grant Attachments

Document Name	Document Type	Description
<b>2017 Competitive Grant</b>	Grant Agreement	2017 Competitive Grant - Carlton SWCD
<b>2017 Competitive Grant executed</b>	Grant Agreement	2017 Competitive Grant - Carlton SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/03/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/03/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/03/2018
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 08/04/2016
<b>Failed Red Clay Dam</b>	Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Clay Dam and Partner Prioritization

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/14/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/02/2017
grantmap_16707_2016-07-22_09-31-40-AM.jpg	Grant	Red Clay Dam Phase III: Stream Restoration at Failed Red Clay Dam and Partner Prioritization