



## Grant All-Detail Report 2012 - Conservation Drainage

**Grant Title** - 2012 - Conservation Drainage - Roseau River WD (WSHED)

**Grant ID** - C13-5446

**Organization** - Roseau River WD

<b>Grant Awarded Amount</b>	<b>\$48,250.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$12,062.50	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Tracy Halstensgard

### Budget Summary

	Budgeted	Spent	Balance Remaining
<b>Total Grant Amount</b>	\$48,250.00	\$9,585.67	\$38,664.33
<b>Total Match Amount</b>	\$12,063.00	\$2,427.83	\$9,635.17
<b>Total Other Funds</b>	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$60,313.00</b>	<b>\$12,013.50</b>	<b>\$48,299.50</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>2012 CWF Administration</b>	Administration /Coordination	Current State Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)	\$4,600.00	\$1,129.80	9/5/2013	N
<b>2012 CWF Anticipated Side Water Inlets for Laterals 2 &amp; 3 of Watershed Ditch #3</b>	Agricultural Practices	Current State Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)	\$28,966.53			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>2012 CWF Anticipated Side Water Inlets for Laterals 2 &amp; 3 of Watershed Ditch #3</b>	Agricultural Practices	Local Fund	2012 RRWD CWF Inkind	\$9,635.17			Y
<b>2012 CWF Public Outreach for Project Development</b>	Project Development	Current State Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)	\$1,800.00			N
<b>2012 CWF Technical Activities</b>	Technical/Engineering Assistance	Current State Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)	\$5,600.00	\$1,172.40	9/5/2013	N
<b>Haugen inlets</b>	Agricultural Practices	Current State Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)	\$7,283.47	\$7,283.47	9/5/2013	N
<b>Haugen inlets</b>	Agricultural Practices	Local Fund	WD funds	\$2,427.83	\$2,427.83	9/5/2013	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
410 - Grade Stabilization Structure	1	4	4 COUNT
410 - Grade Stabilization Structure	1	0	0

### Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	14	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	14	LBS/YR

## Grant Activity

### Grant Activity - 2012 CWF Administration

Description	<p>The Roseau River Watershed District and Roseau SWCD will provide administration for the Clean Water Fund Conservation Drainage Project. The RRWD will be the Project Lead and will keep track of the financial aspects and manage the administrative and technical activities. The Roseau SWCD will report on administrative activities and project progress in the eLINK reporting system.</p> <p>A contract will be signed by all landowners with the RRWD for the project practice and all project activities including practice inspections. Site inspections will be done annually co-insiding with water ditch inspections.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Rates and Hours			
Actual Results			

### Grant Activity - 2012 CWF Anticipated Side Water Inlets for Laterals 2 & 3 of Watershed Ditch #3

Description	<p>Multi-Purpose Drainage Practices for this Project are needed to reduce erosion, provide temporary detention, and eliminate sediment deposition along Laterals 2 &amp; 3 of Watershed Ditch #3. An estimated 30 side water inlet structures are needed to complete this project. As projects are installed, the land and water module will be utilized to track each landowner project. Approximately 10 plus landowners will be cooperators on this Project.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

### Activity Action - Placeholder

Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description			
Proposed Size / Units	0	Lifespan	10 Years
Actual Size/Units	0	Installed Date	

#### Grant Activity - 2012 CWF Public Outreach for Project Development

Description	The RRWD will contact landowners along Laterals 2 & 3 of WD #3 to identify and discuss the installation of multi-purpose drainage practices. These will be inperson contacts conducted in the summer of 2012 and will be onsite.		
Category	PROJECT DEVELOPMENT		
Start Date		End Date	
Rates and Hours			
Actual Results			

#### Grant Activity - 2012 CWF Technical Activities

Description	<p>The Roseau County Engineer will conduct technical site assessments, surveys, project designs and installations. All designs will be done according to the USDA - NRCS Field Office Technical Guide. As of Fall 2012, the installations will be done by Alex Halverson of Halverson Sand &amp; Gravel.</p> <p>Staff on this project are the Roseau County engineering staff with the lead being the Roseau County Engineer, Brian Ketring. Mr. Ketring is a licensed engineer with the State of MN.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Rates and Hours			
Actual Results			

#### Grant Activity - Haugen inlets

Description	Haugen inlets -- installation of 4 SWIs along Lat. 3 of WD #3		
Category	AGRICULTURAL PRACTICES		
Start Date	31-Jul-13	End Date	20-Aug-13
Rates and Hours			
Actual Results	Four side water inlets were installed Lat. 3 of WD#3.		

Activity Action - Haugen SWI			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Installed 4 24" cmp's for side water inlets		
Proposed Size / Units	4 COUNT	Lifespan	10 Years
Actual Size/Units	4 COUNT	Installed Date	1-Aug-13
Final Indicator for Haugen SWI			
Indicator Name	SEDIMENT (TSS)	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	WD 3		
Final Indicator for Haugen SWI			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	WD 3		

## Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2014
grant_app_general-added.rpt	Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)
grant_app_general.rpt	Grant	2012 - Conservation Drainage - Roseau River WD (WSHED)